

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062520\
 Data File : BP002537.D
 Acq On : 25 Jun 2020 10:10
 Operator : CG/JU
 Sample : PB129731BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129731BS

Quant Time: Jun 25 11:59:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	179095	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	737358	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	457462	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1015517	20.00	ng	0.00
76) Chrysene-d12	21.10	240	924130	20.00	ng	0.01
86) Perylene-d12	23.30	264	1042526	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	1226975	126.77	ng	0.00
7) Phenol-d6	6.79	99	1582993	122.85	ng	0.01
23) Nitrobenzene-d5	8.73	82	1060822	85.92	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	572004	130.60	ng	0.01
45) 2-Fluorobiphenyl	12.85	172	2192532	80.59	ng	0.00
79) Terphenyl-d14	19.58	244	3181312	90.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	160159	35.923	ng	99
3) Pyridine	3.53	79	456251	37.652	ng	98
4) n-Nitrosodimethylamine	3.46	42	236448	47.350	ng	98
6) Aniline	6.92	93	674869	38.509	ng	98
8) 2-Chlorophenol	7.16	128	519047	47.695	ng	100
9) Benzaldehyde	6.73	77	269032	39.266	ng	98
10) Phenol	6.81	94	656089	46.944	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	495260	42.444	ng	99
12) 1,3-Dichlorobenzene	7.47	146	549308	43.834	ng	99
13) 1,4-Dichlorobenzene	7.62	146	558187	44.273	ng	99
14) 1,2-Dichlorobenzene	7.93	146	527457	43.673	ng	99
15) Benzyl Alcohol	7.83	79	463369	46.394	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.12	45	678807	41.000	ng	100
17) 2-Methylphenol	8.04	107	444114	43.488	ng	99
18) Hexachloroethane	8.65	117	207241	45.120	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	379144	44.018	ng	99
20) 3+4-Methylphenols	8.37	107	600163	43.545	ng	97
22) Acetophenone	8.40	105	730373	44.089	ng	# 97
24) Nitrobenzene	8.77	77	603357	45.459	ng	99
25) Isophorone	9.30	82	1114672	44.326	ng	99
26) 2-Nitrophenol	9.48	139	294012	49.712	ng	97
27) 2,4-Dimethylphenol	9.56	122	457163	49.273	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	670539	44.767	ng	100
29) 2,4-Dichlorophenol	10.02	162	510935	48.920	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	531803	45.679	ng	99
31) Naphthalene	10.41	128	1531041	44.694	ng	99
32) Benzoic acid	9.73	122	268694	36.360	ng	99
33) 4-Chloroaniline	10.52	127	462454	30.924	ng	99
34) Hexachlorobutadiene	10.71	225	310190	45.657	ng	98
35) Caprolactam	11.30	113	102092	27.714	ng	99
36) 4-Chloro-3-methylphenol	11.67	107	554463	49.064	ng	98
37) 2-Methylnaphthalene	12.03	142	1115350	45.873	ng	98
38) 1-Methylnaphthalene	12.25	142	1057924	46.357	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	555807	46.091	ng	99

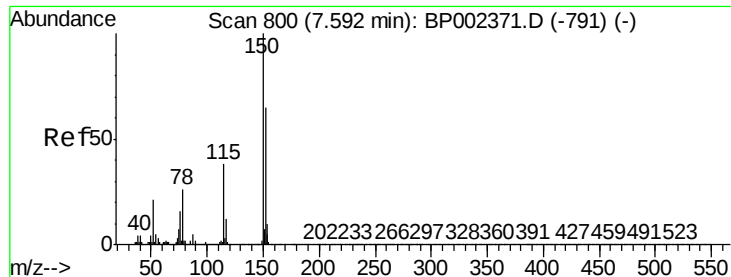
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	650576	101.478	ng	98
43) 2,4,6-Trichlorophenol	12.66	196	410625	48.115	ng	100
44) 2,4,5-Trichlorophenol	12.73	196	446300	45.161	ng	98
46) 1,1'-Biphenyl	13.06	154	1383877	46.158	ng	99
47) 2-Chloronaphthalene	13.10	162	1087731	44.354	ng	99
48) 2-Nitroaniline	13.30	65	379285	48.447	ng	99
49) Acenaphthylene	13.95	152	1760739	44.983	ng	99
50) Dimethylphthalate	13.70	163	1441799	45.997	ng	99
51) 2,6-Dinitrotoluene	13.82	165	327051	48.044	ng	99
52) Acenaphthene	14.30	154	1026496	44.766	ng	97
53) 3-Nitroaniline	14.15	138	253755	32.646	ng	93
54) 2,4-Dinitrophenol	14.36	184	387831	96.068	ng	94
55) Dibenzofuran	14.64	168	1629664	44.143	ng	99
56) 4-Nitrophenol	14.49	139	549921	89.105	ng	96
57) 2,4-Dinitrotoluene	14.62	165	442683	47.775	ng	100
58) Fluorene	15.29	166	1214647	41.829	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	384003	48.951	ng	100
60) Diethylphthalate	15.08	149	1411152	44.931	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	611942	42.882	ng	98
62) 4-Nitroaniline	15.32	138	339863	45.506	ng	97
63) Azobenzene	15.59	77	1409387	45.082	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	281908	52.607	ng	98
66) n-Nitrosodiphenylamine	15.51	169	1183386	45.617	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	424696	44.147	ng	98
68) Hexachlorobenzene	16.31	284	471853	46.223	ng	98
69) Atrazine	16.47	200	418798	49.487	ng	99
70) Pentachlorophenol	16.66	266	571150	93.518	ng	99
71) Phenanthrene	17.04	178	2130650	44.852	ng	99
72) Anthracene	17.13	178	2192610	46.463	ng	99
73) Carbazole	17.40	167	2053489	44.234	ng	98
74) Di-n-butylphthalate	17.98	149	2541741	46.266	ng	100
75) Fluoranthene	19.02	202	2659609	46.904	ng	98
77) Benzidine	19.20	184	1521070	73.661	ng	100
78) Pyrene	19.37	202	2644613	46.720	ng	99
80) Butylbenzylphthalate	20.27	149	1181625	46.959	ng	96
81) Benzo(a)anthracene	21.09	228	2376960	45.061	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	806830	41.158	ng	99
83) Chrysene	21.14	228	2289807	45.818	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1622764	44.334	ng	99
85) Di-n-octyl phthalate	21.90	149	2876054	44.798	ng	100
87) Indeno(1,2,3-cd)pyrene	25.53	276	2953765	45.298	ng	99
88) Benzo(b)fluoranthene	22.65	252	2650099	47.138	ng	99
89) Benzo(k)fluoranthene	22.69	252	2463922	46.126	ng	97
90) Benzo(a)pyrene	23.21	252	2399692	45.547	ng	99
91) Dibenzo(a,h)anthracene	25.54	278	2424814	46.359	ng	99
92) Benzo(g,h,i)perylene	26.20	276	2524704	46.604	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. 0.01 min

Lab File: BP002537.D

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PB129731BS

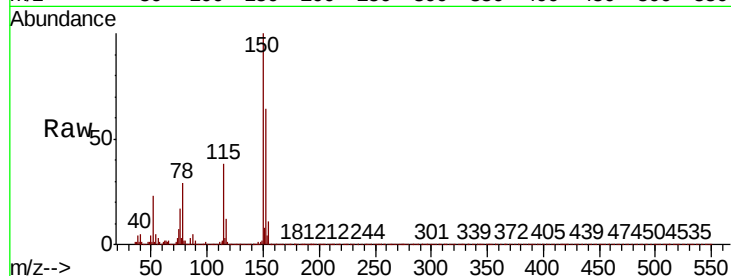
Tot Ion:152 Resp: 179095

Ion Ratio Lower Upper

152 100

150 155.5 124.4 186.6

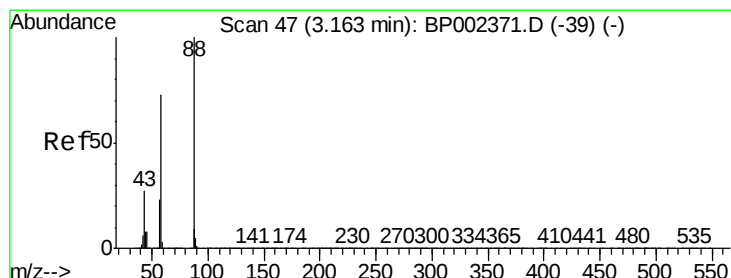
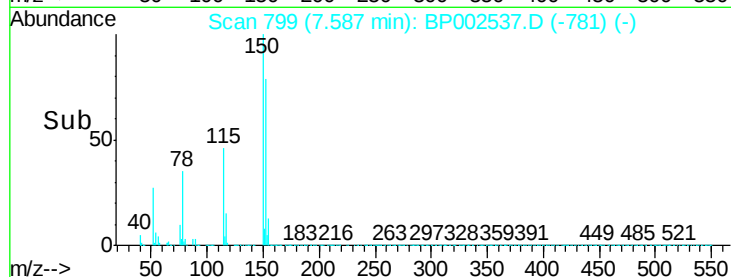
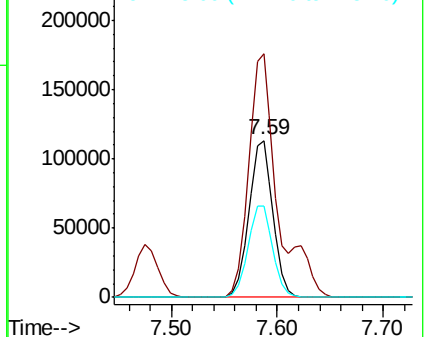
115 58.5 47.8 71.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.923 ng

RT: 3.16 min Scan# 46

Delta R.T. -0.00 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

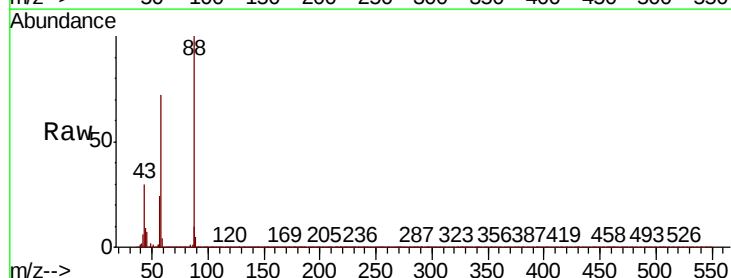
Tgt Ion: 88 Resp: 160159

Ion Ratio Lower Upper

88 100

58 72.2 58.0 87.0

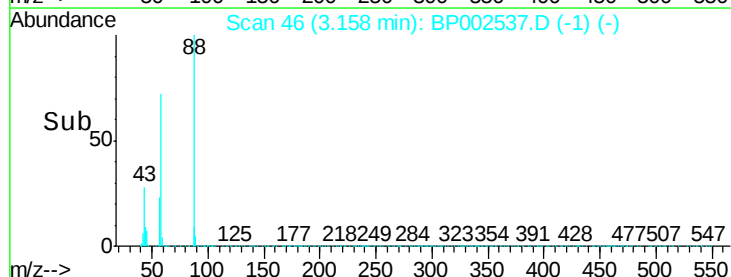
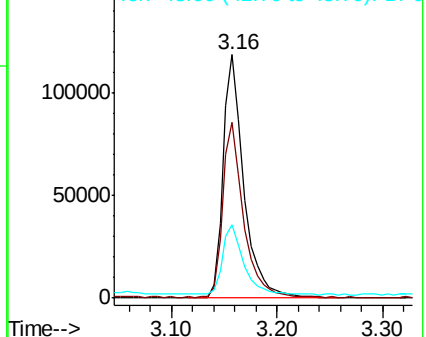
43 29.2 22.5 33.7



Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

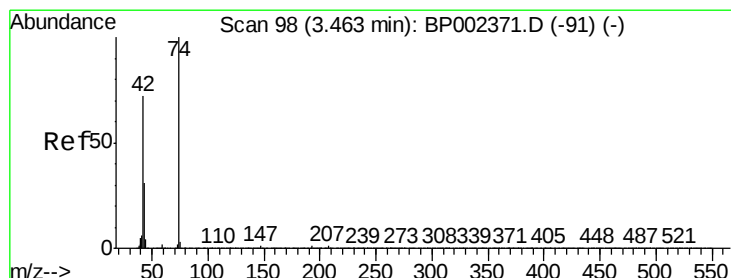
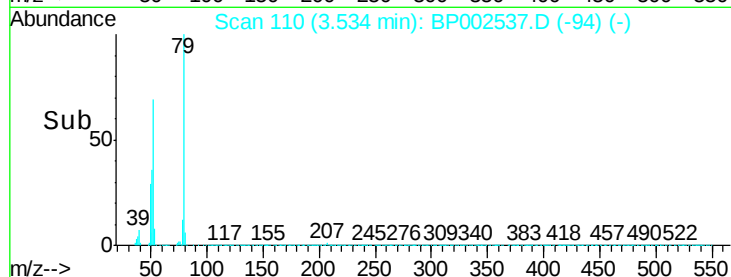
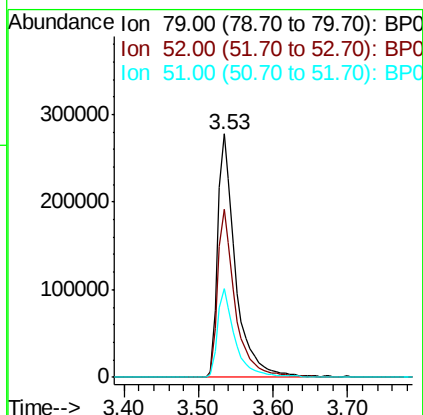
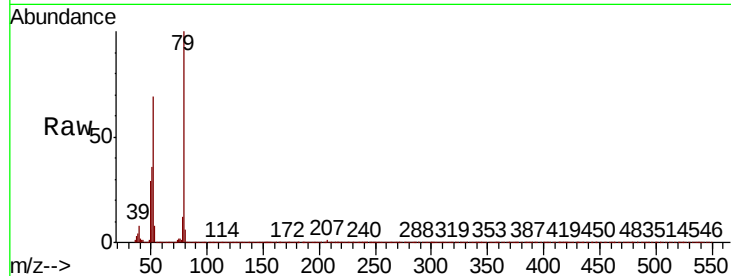




#3
 Pvridine
 Concen: 37.652 ng
 RT: 3.53 min Scan# 110
 Delta R.T. -0.01 min
 Lab File: BP002537.D
 Acq: 25 Jun 2020 10:10

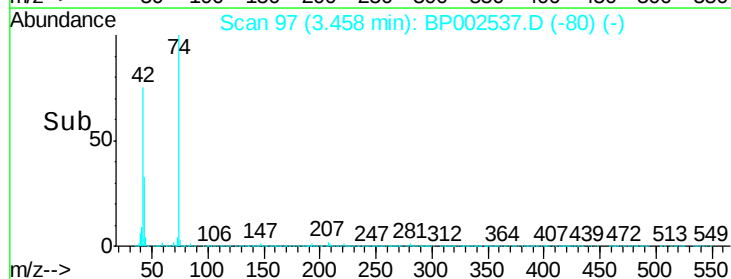
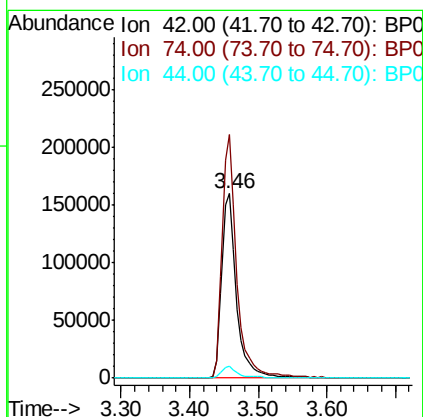
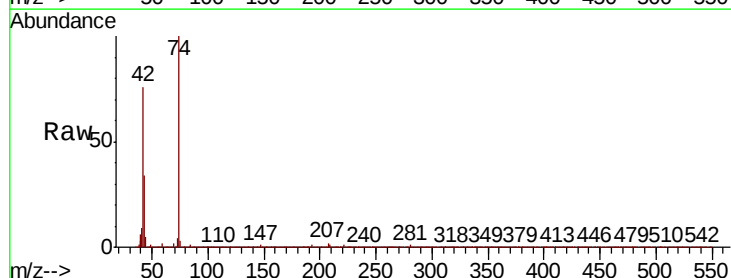
Instrument :
 BNA_P
 ClientSampleId :
 PB129731BS

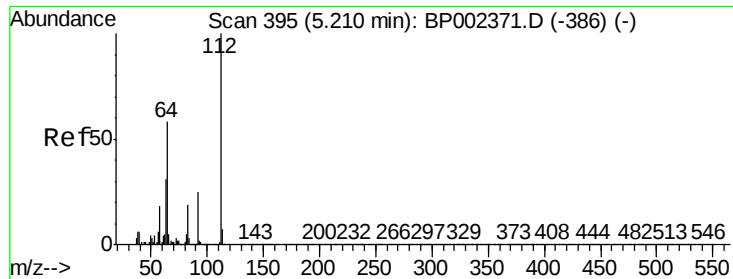
Tot Ion	Ratio	Lower	Upper
79	100		
52	69.0	54.3	81.5
51	36.3	27.8	41.6



#4
 n-Nitrosodimethylamine
 Concen: 47.350 ng
 RT: 3.46 min Scan# 97
 Delta R.T. -0.00 min
 Lab File: BP002537.D
 Acq: 25 Jun 2020 10:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.2	103.8	155.8
44	6.2	5.4	8.0





#5

2-Fluorophenol

Concen: 126.771 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

BNA_P

ClientSampleId :

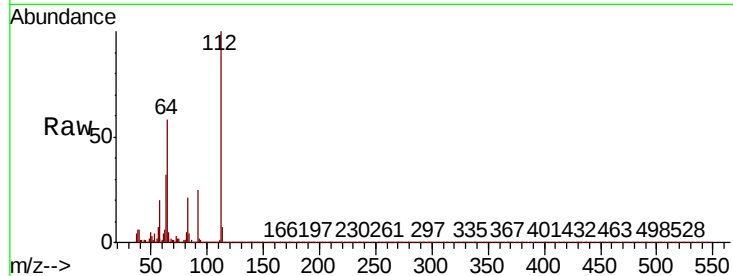
PB129731BS

Tot Ion:112 Resp: 1226975

Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.4	69.6
63	32.2	25.0	37.6

64 58.1 46.4 69.6

63 32.2 25.0 37.6

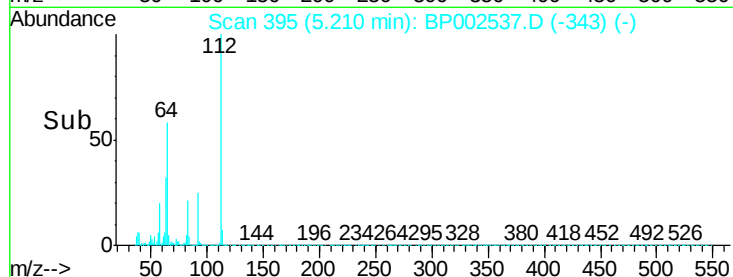


Abundance Ion 112.00 (111.70 to 112.70): E

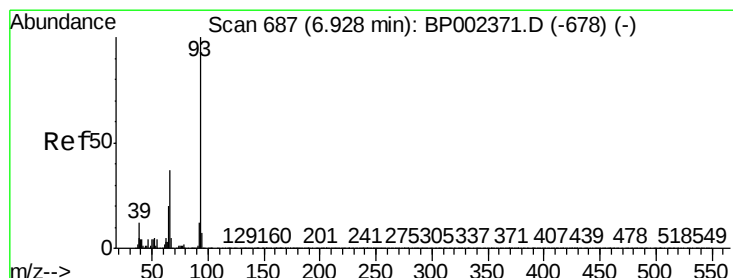
Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

5.21



Time-->



#6

Aniline

Concen: 38.509 ng

RT: 6.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

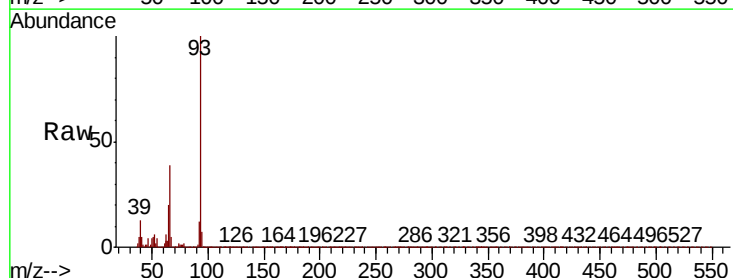
Tgt Ion: 93 Resp: 674869

Ion	Ratio	Lower	Upper
93	100		
66	39.3	30.4	45.6
65	20.0	15.5	23.3

93 100

66 39.3 30.4 45.6

65 20.0 15.5 23.3

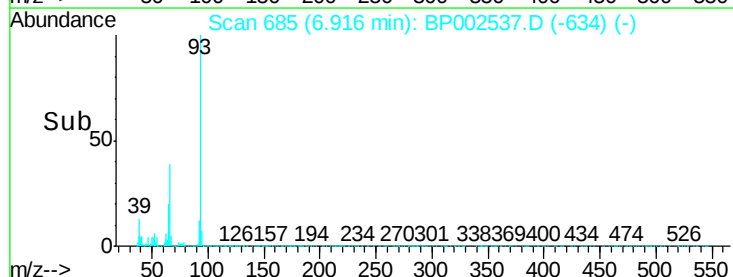


Abundance Ion 93.00 (92.70 to 93.70): BP0

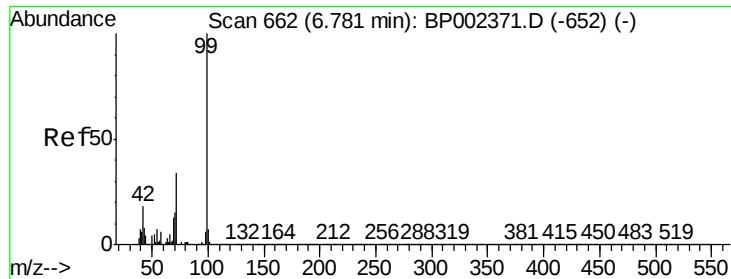
Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

6.92



Time-->



#7

Phenol-d6

Concen: 122.845 ng

RT: 6.79 min Scan# 663

Delta R.T. 0.01 min

Lab File: BP002537.D

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Instrument :

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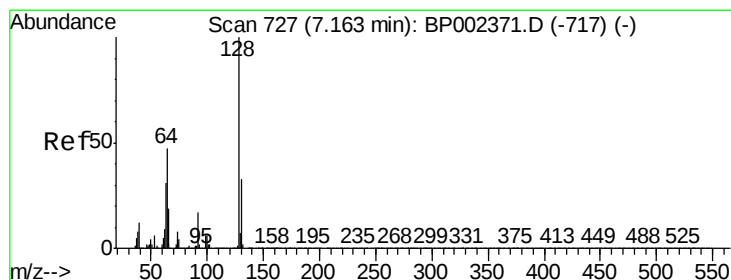
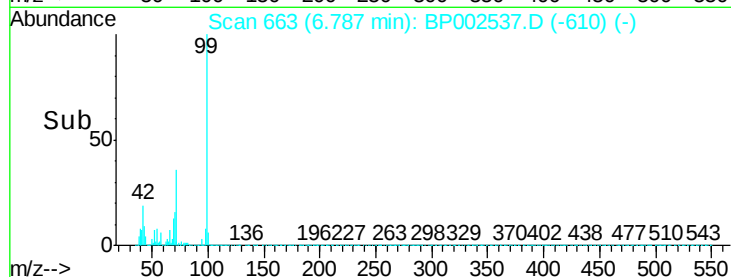
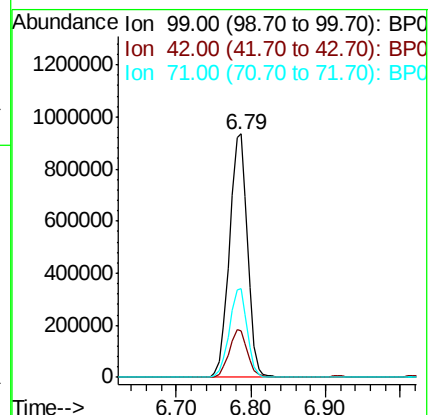
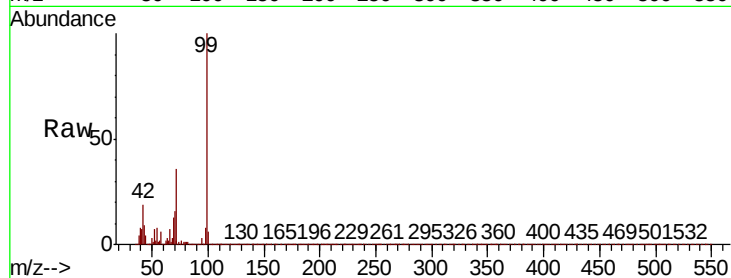
Tot Ion: 99 Resp: 1582993

Ion Ratio Lower Upper

99 100

42 19.2 15.3 22.9

71 36.3 28.2 42.2



#8

2-Chlorophenol

Concen: 47.695 ng

RT: 7.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

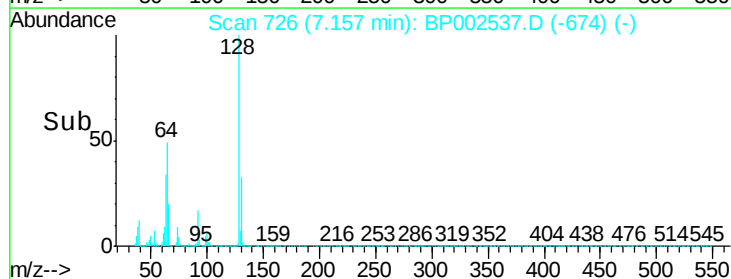
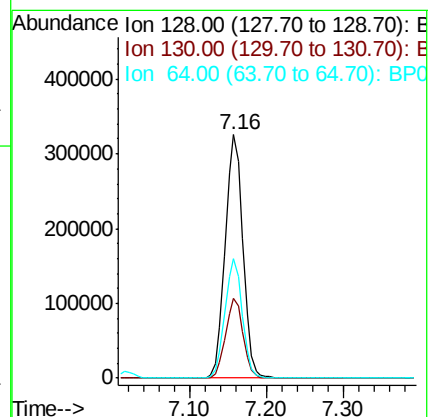
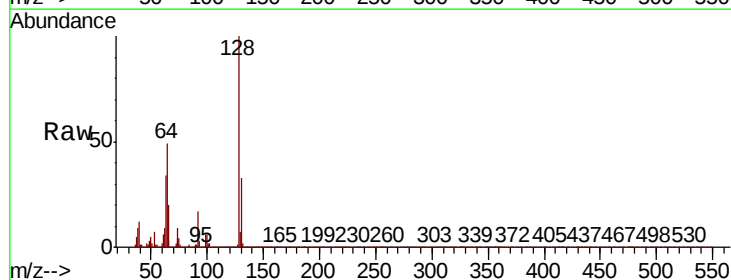
Tgt Ion: 128 Resp: 519047

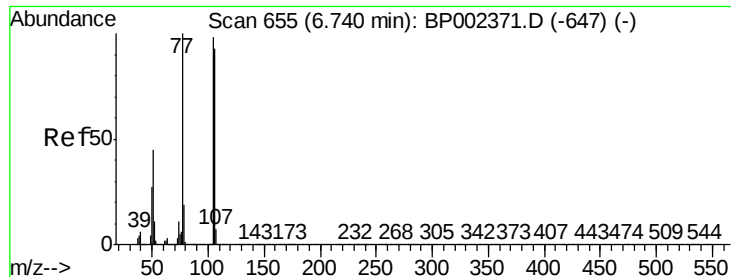
Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

64 49.2 29.6 69.6





#9

Benzaldehyde

Concen: 39.266 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.00 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

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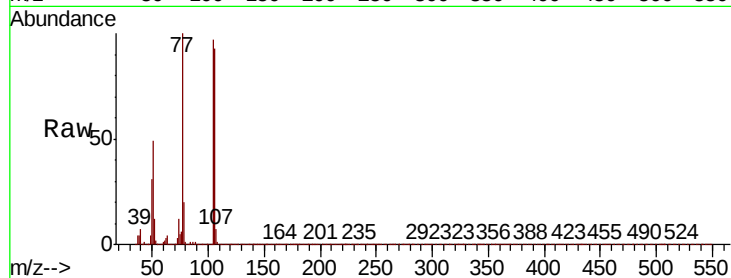
Tot Ion: 77 Resp: 269032

Ion Ratio Lower Upper

77 100

105 96.7 78.3 118.3

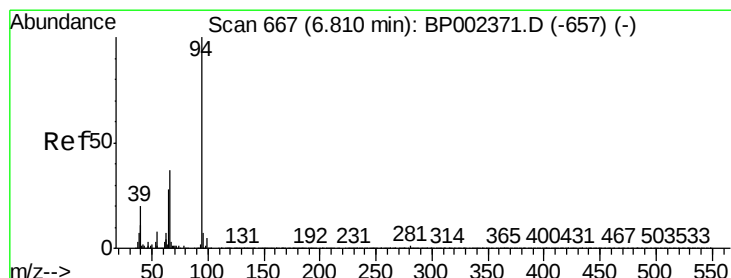
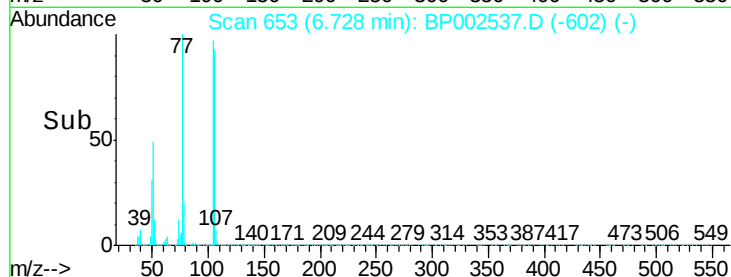
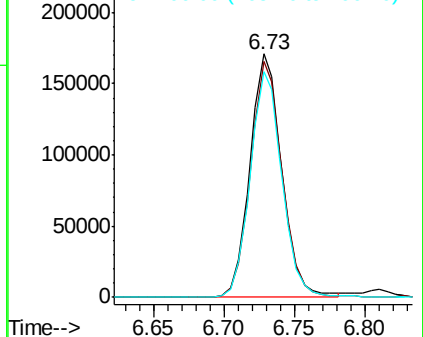
106 92.7 74.4 114.4



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: 46.944 ng

RT: 6.81 min Scan# 667

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

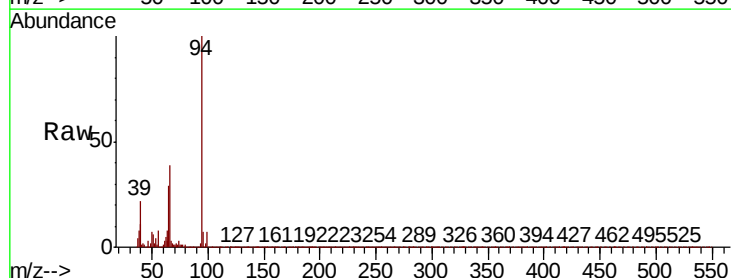
Tgt Ion: 94 Resp: 656089

Ion Ratio Lower Upper

94 100

65 29.0 8.5 48.5

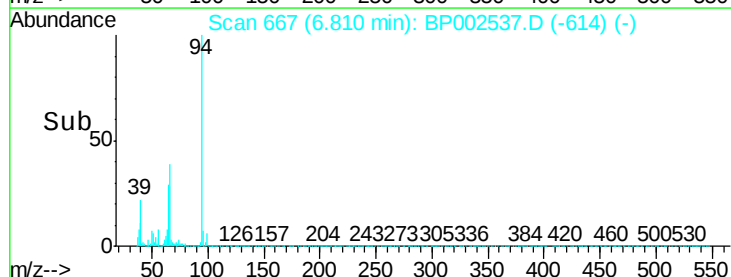
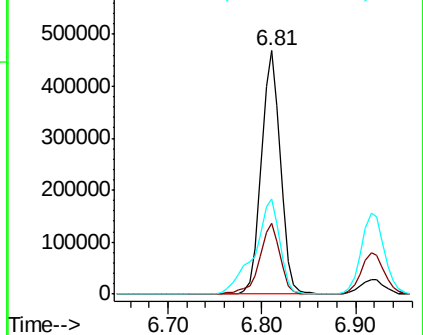
66 39.3 19.0 59.0

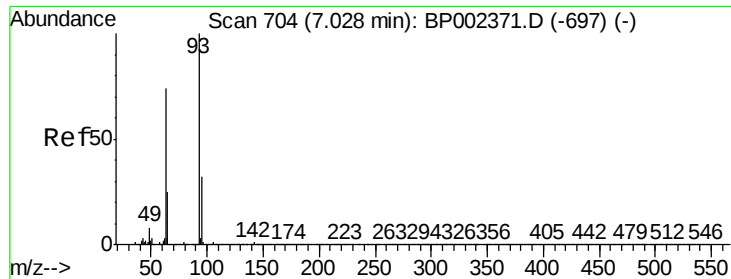


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

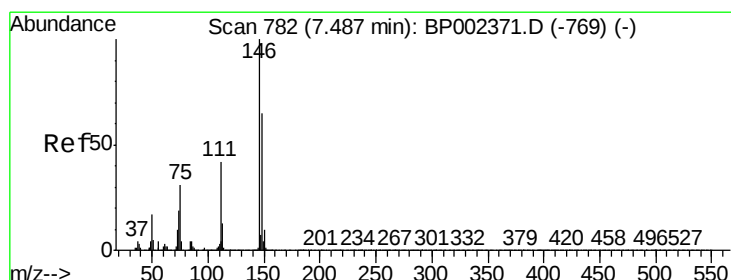
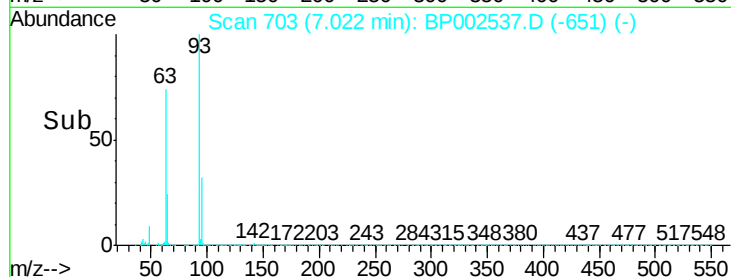
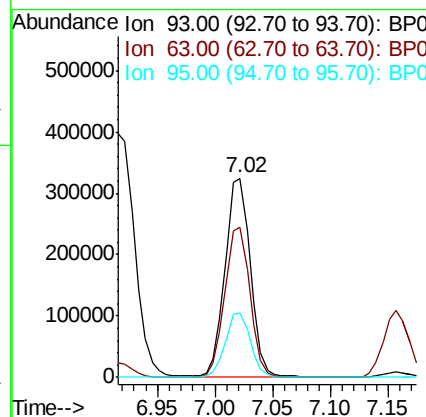
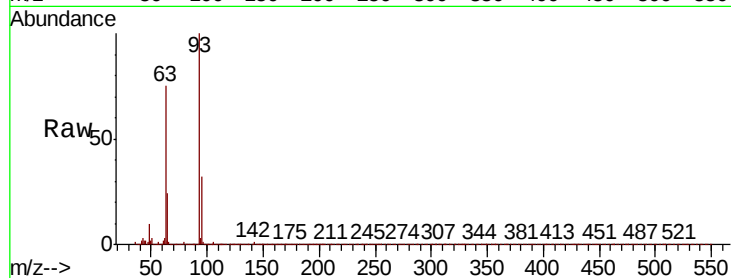




#11
bis(2-Chloroethyl)ether
Concen: 42.444 ng
RT: 7.02 min Scan# 703
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

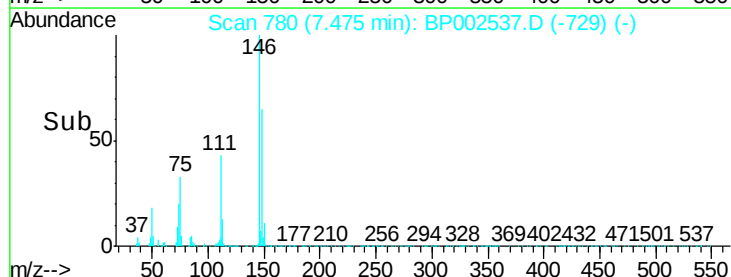
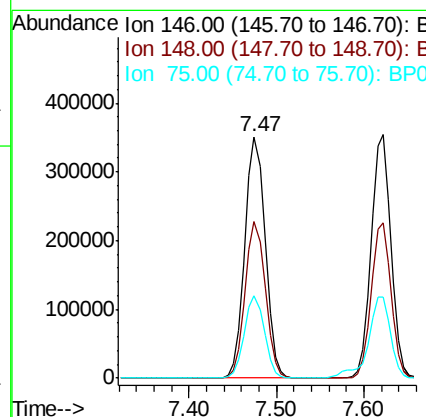
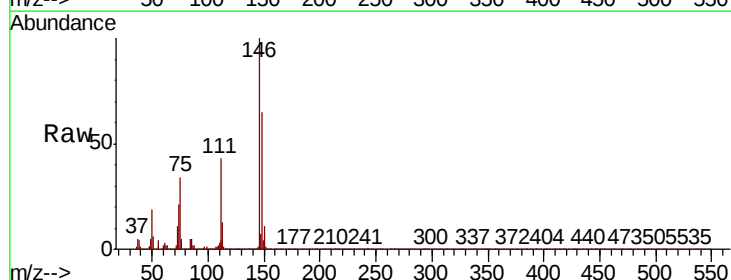
Instrument :
BNA_P
ClientSampleId :
PB129731BS

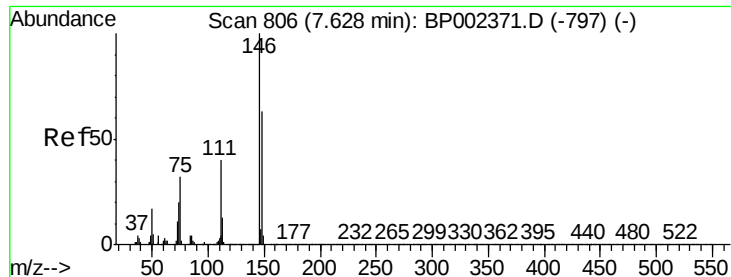
Tot Ion:	93	Resp:	495260
Ion	Ratio	Lower	Upper
93	100		
63	75.2	56.5	96.5
95	32.2	12.0	52.0



#12
1,3-Dichlorobenzene
Concen: 43.834 ng
RT: 7.47 min Scan# 780
Delta R.T. -0.00 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion:	146	Resp:	549308
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
75	34.0	25.8	38.8

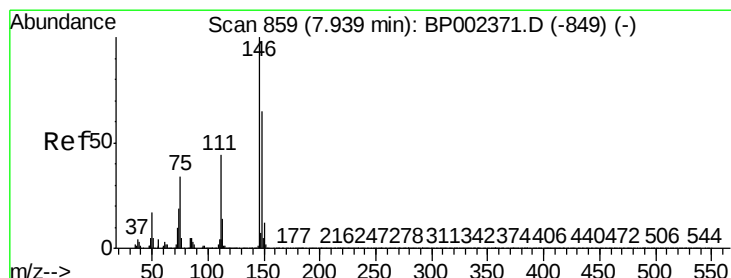
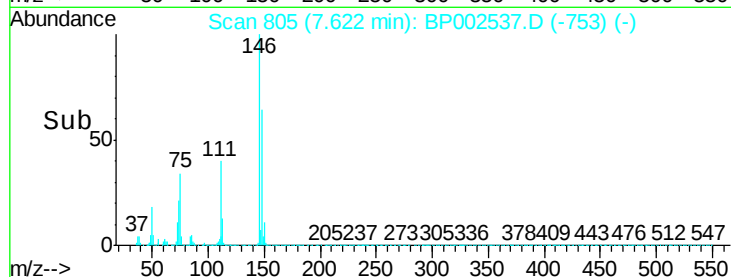
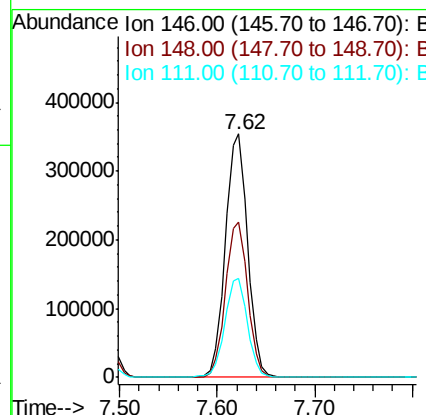
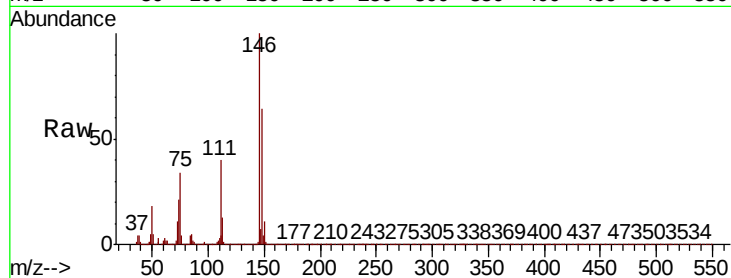




#13
1,4-Dichlorobenzene
Concen: 44.273 ng
RT: 7.62 min Scan# 805
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

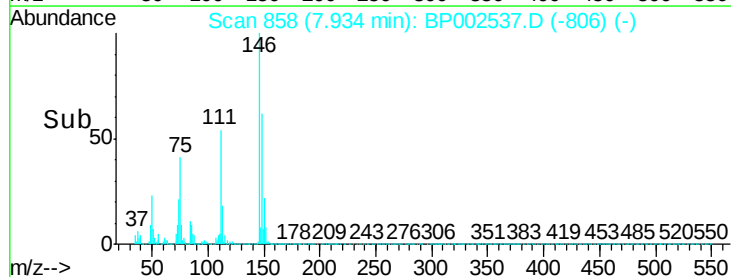
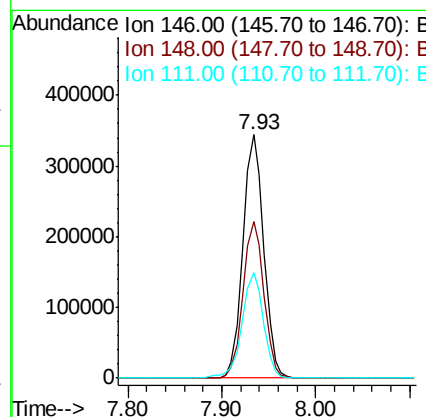
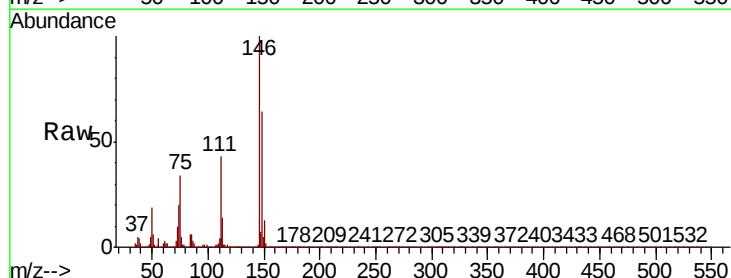
Instrument :
BNA_P
ClientSampleId :
PB129731BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
111	40.5	31.8	47.6



#14
1,2-Dichlorobenzene
Concen: 43.673 ng
RT: 7.93 min Scan# 858
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	43.2	34.9	52.3





#15

Benzyl Alcohol

Concen: 46.394 ng

RT: 7.83 min Scan# 840

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

BNA_P

ClientSampleId :

PB129731BS

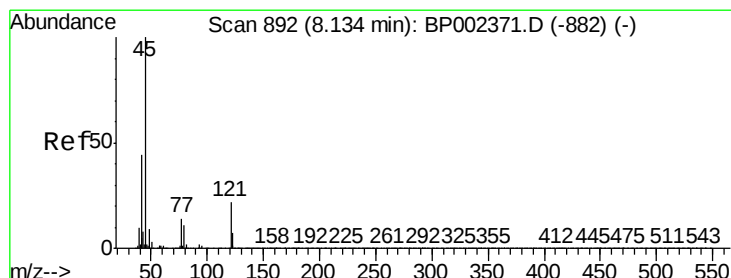
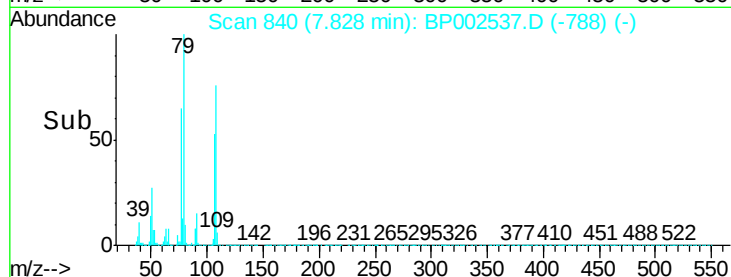
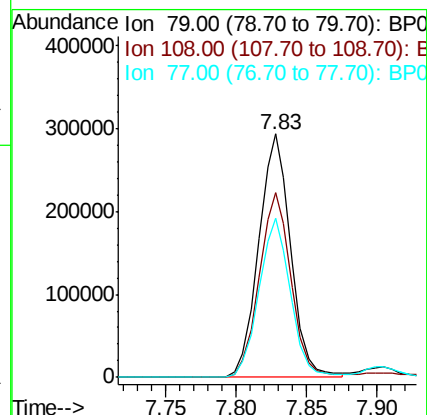
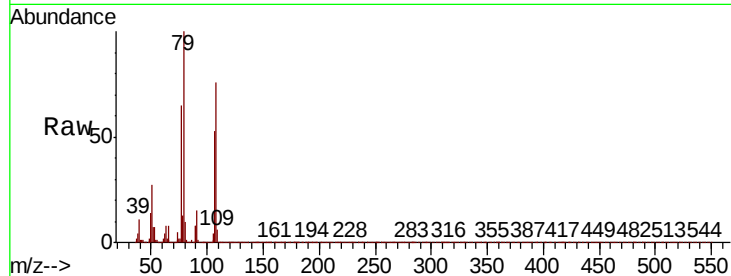
Tot Ion: 79 Resp: 463369

Ion Ratio Lower Upper

79 100

108 75.9 60.2 90.4

77 65.3 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.000 ng

RT: 8.12 min Scan# 890

Delta R.T. -0.00 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

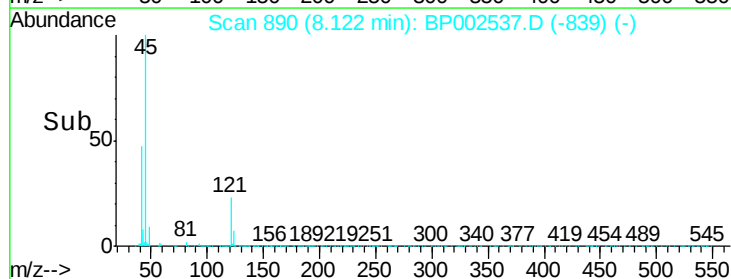
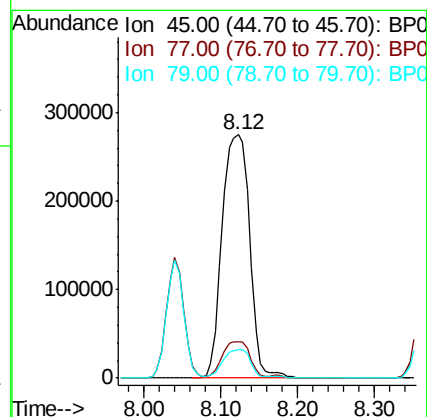
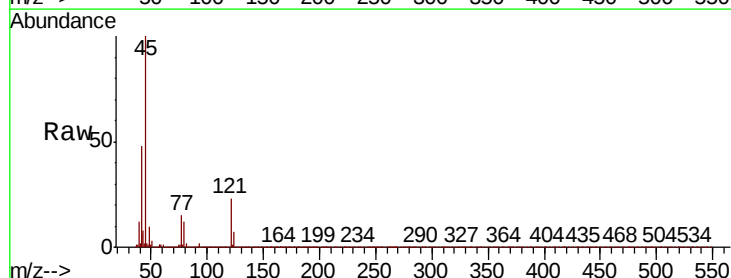
Tgt Ion: 45 Resp: 678807

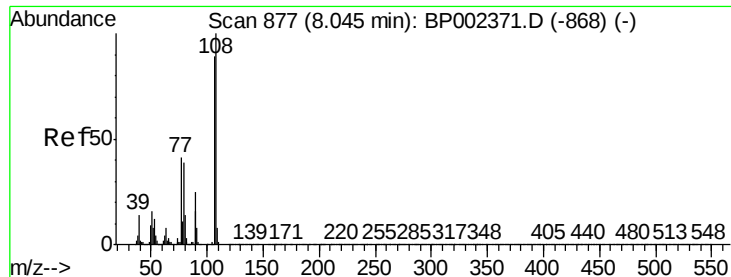
Ion Ratio Lower Upper

45 100

77 14.9 0.0 35.0

79 11.7 0.0 31.7

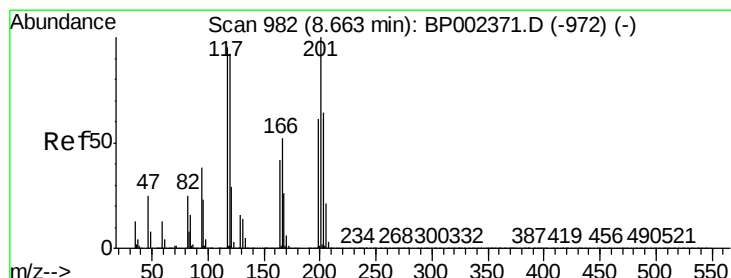
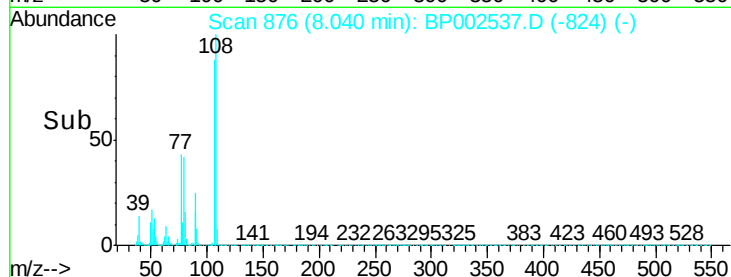
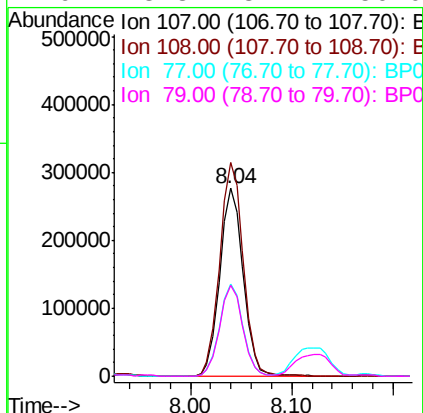
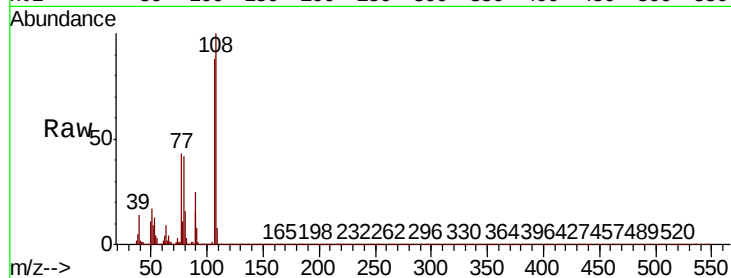




#17
2-Methylphenol
Concen: 43.488 ng
RT: 8.04 min Scan# 876
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

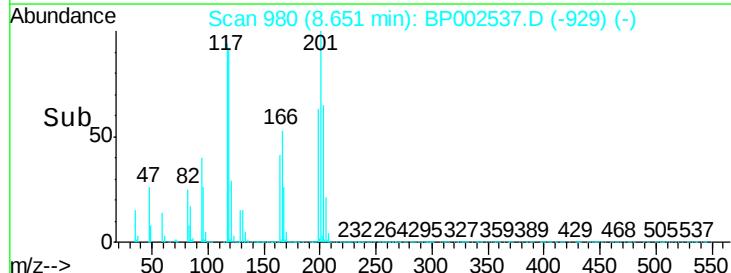
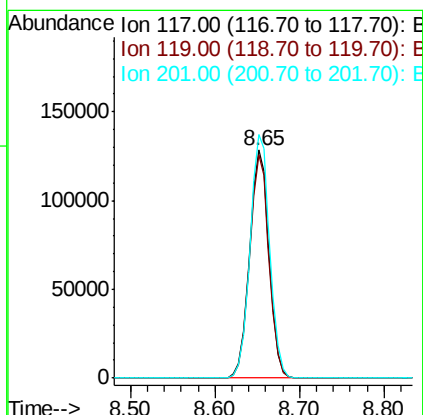
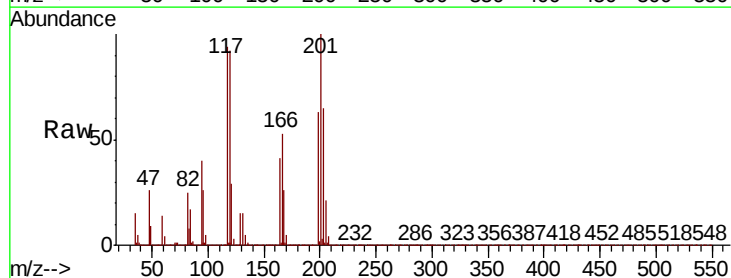
Instrument :
BNA_P
ClientSampleId :
PB129731BS

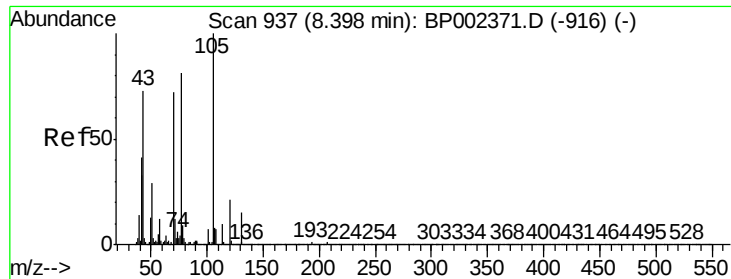
Tot Ion:	107	Resp:	444114
Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.7	136.1
77	49.1	39.0	58.4
79	48.3	37.4	56.0



#18
Hexachloroethane
Concen: 45.120 ng
RT: 8.65 min Scan# 980
Delta R.T. -0.00 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion:	117	Resp:	207241
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.9	116.9
201	106.8	88.4	132.6

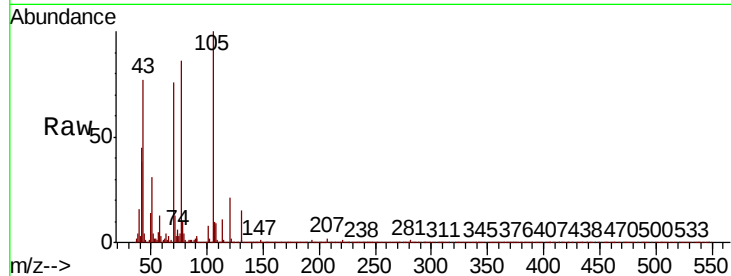




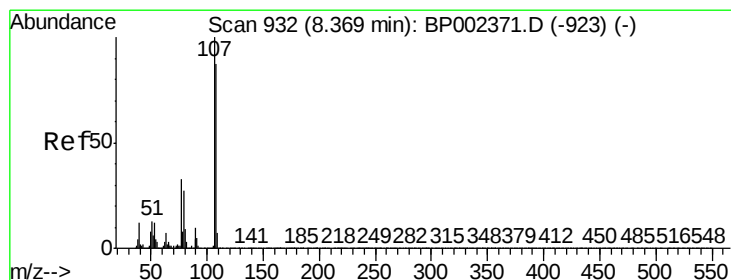
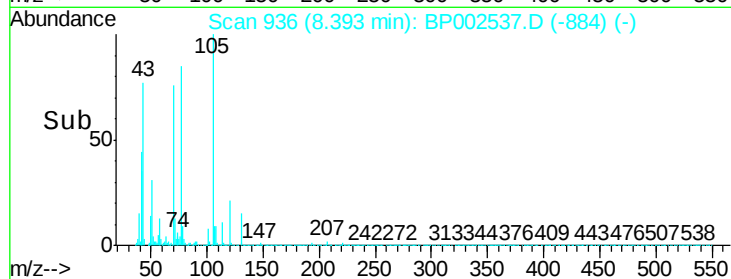
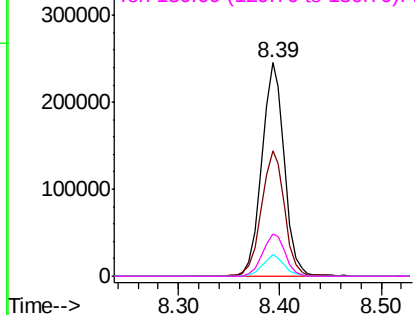
#19
n-Nitroso-di-n-propylamine
Concen: 44.018 ng
RT: 8.39 min Scan# 936
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Instrument :
BNA_P
ClientSampleId :
PB129731BS

Tot Ion:	70	Resp:	379144
Ion	Ratio	Lower	Upper
70	100		
42	58.8	47.5	71.3
101	10.1	7.6	11.4
130	20.0	16.2	24.2

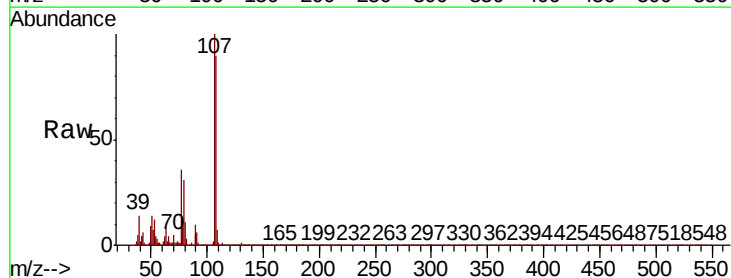


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

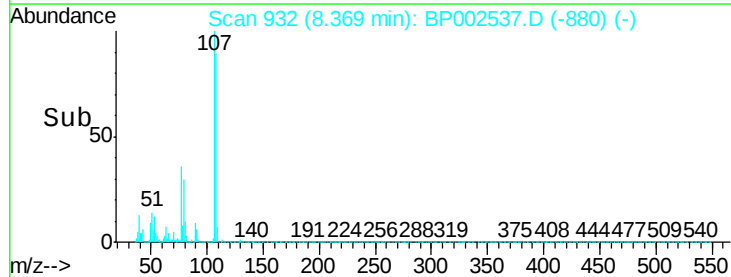
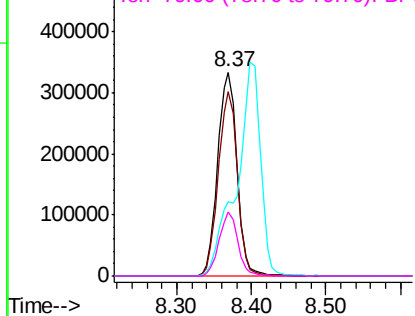


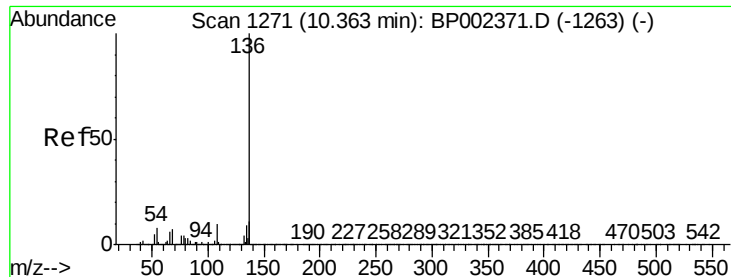
#20
3+4-Methylphenols
Concen: 43.545 ng
RT: 8.37 min Scan# 932
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion:	107	Resp:	600163
Ion	Ratio	Lower	Upper
107	100		
108	90.4	74.2	114.2
77	36.3	17.3	57.3
79	31.4	11.4	51.4



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

BNA_P

ClientSampleId :

PB129731BS

Tot Ion:136 Resp: 737358

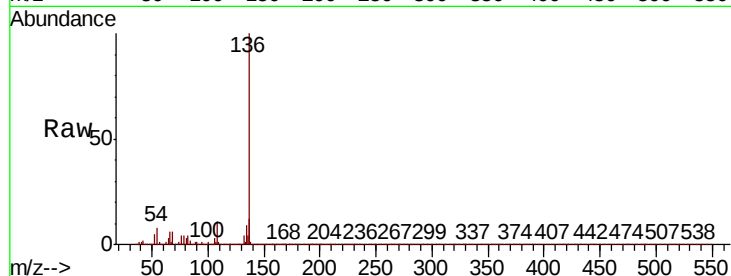
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.2 6.6 10.0

68 6.1 5.4 8.0

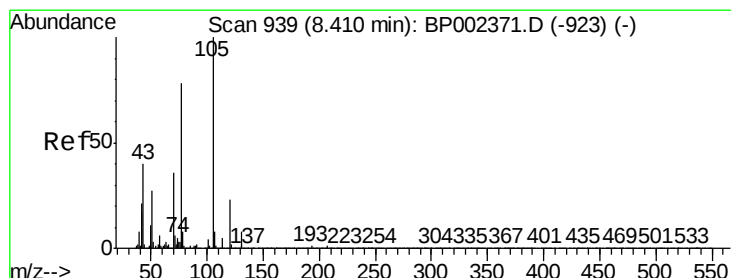
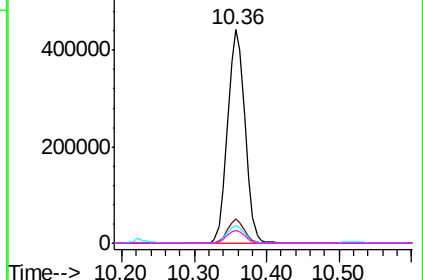
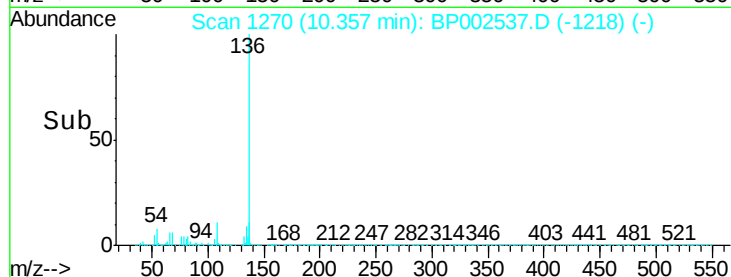


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 44.089 ng

RT: 8.40 min Scan# 937

Delta R.T. -0.00 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Tgt Ion:105 Resp: 730373

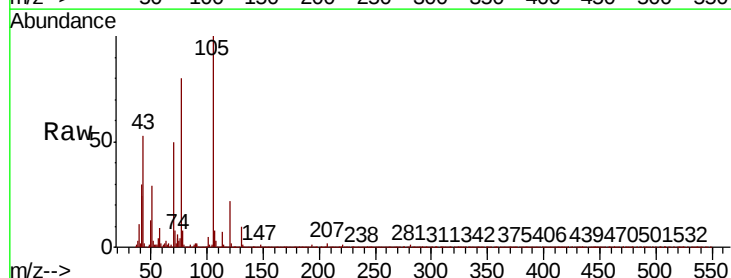
Ion Ratio Lower Upper

105 100

71 8.4 4.5 6.7#

51 29.3 21.9 32.9

120 22.3 17.3 25.9

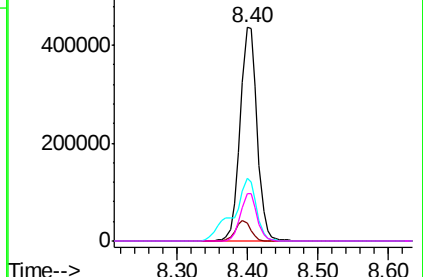
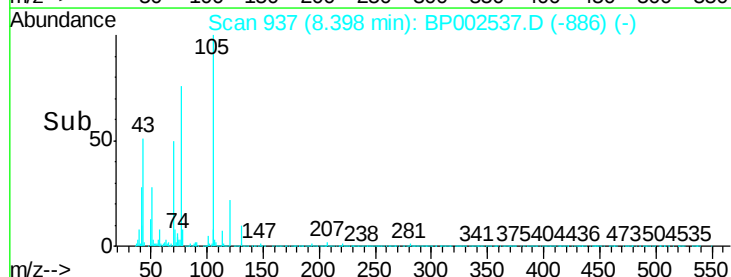


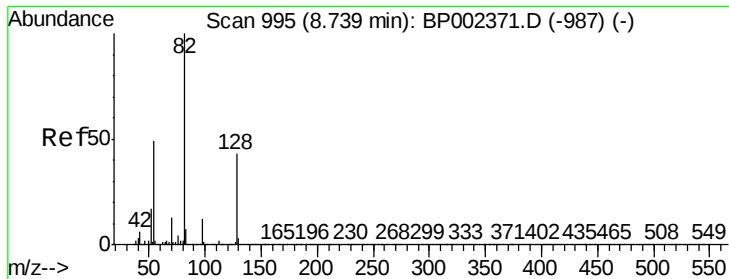
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

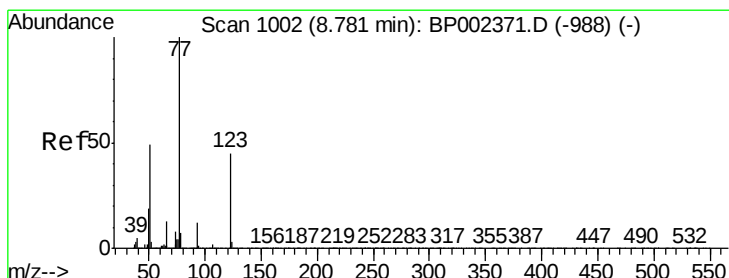
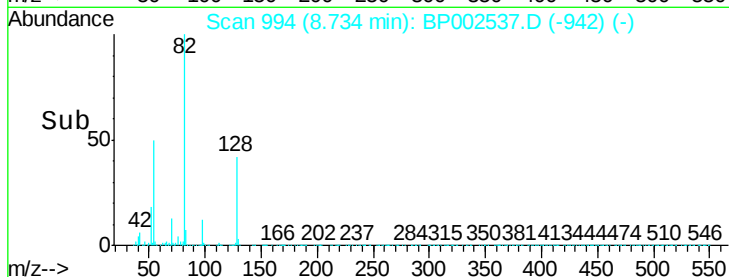
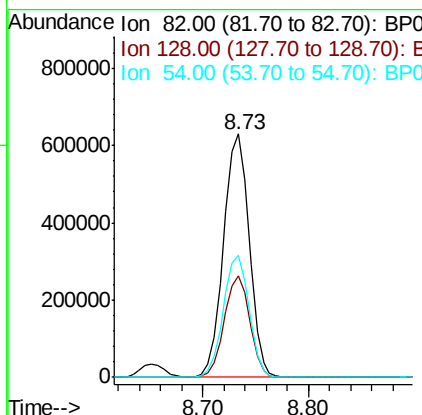
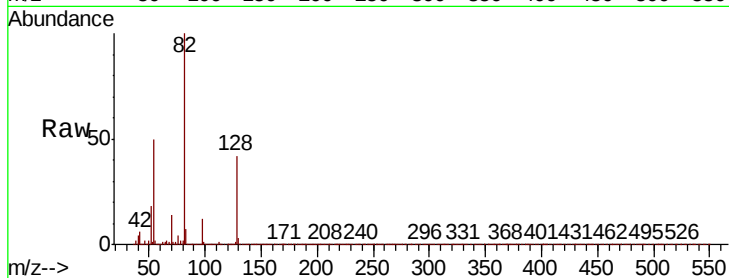




#23
Nitrobenzene-d5
Concen: 85.916 ng
RT: 8.73 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

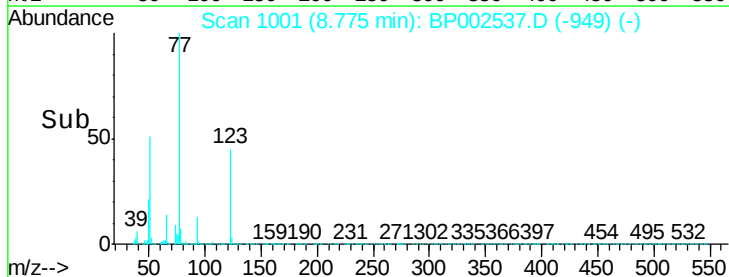
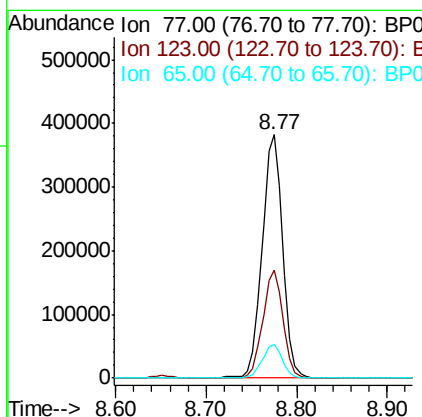
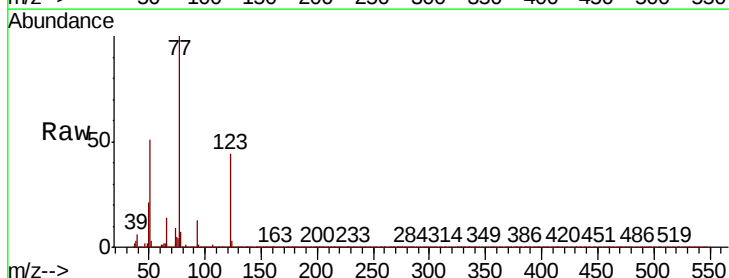
Instrument :
BNA_P
ClientSampleId :
PB129731BS

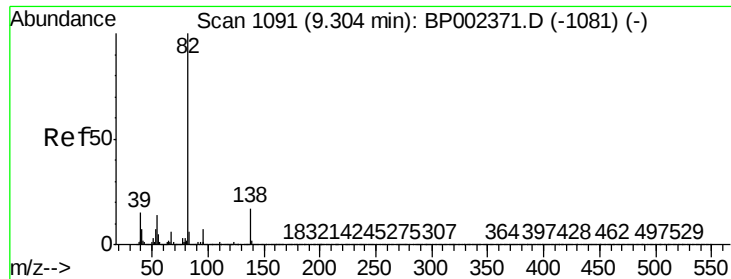
Tot Ion: 82 Resp: 1060822
Ion Ratio Lower Upper
82 100
128 41.8 32.8 49.2
54 50.3 39.9 59.9



#24
Nitrobenzene
Concen: 45.459 ng
RT: 8.77 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion: 77 Resp: 603357
Ion Ratio Lower Upper
77 100
123 44.5 35.2 52.8
65 14.1 10.9 16.3

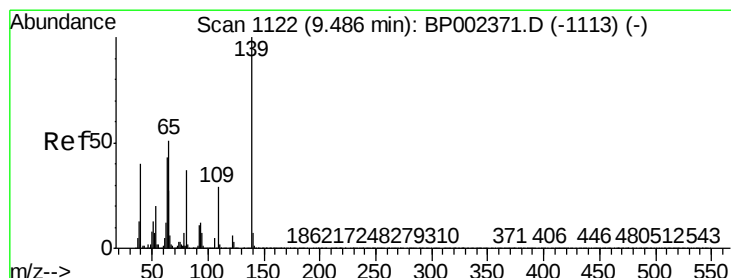
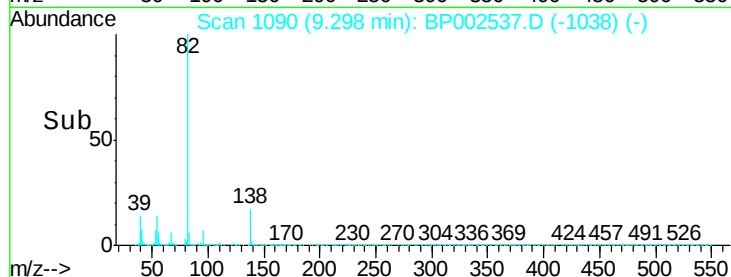
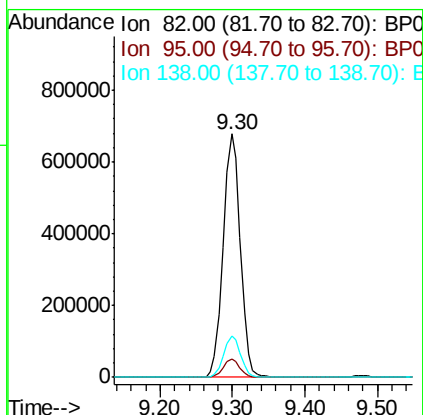
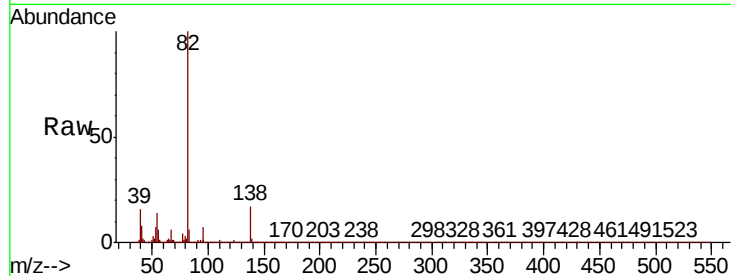




#25
Isophorone
Concen: 44.326 ng
RT: 9.30 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

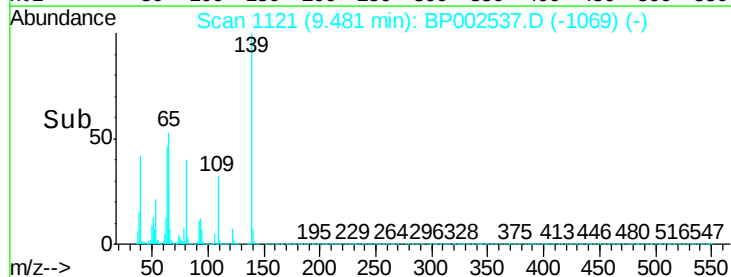
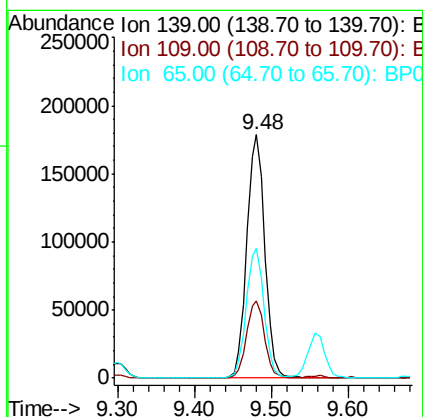
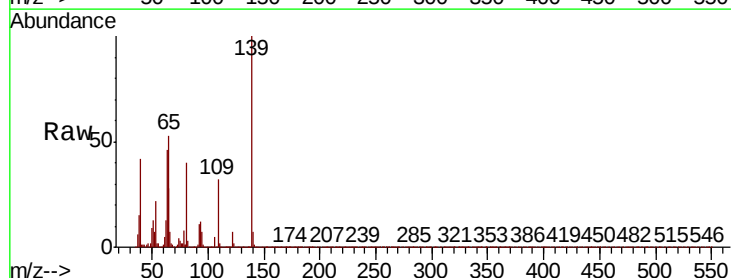
Instrument :
BNA_P
ClientSampleId :
PB129731BS

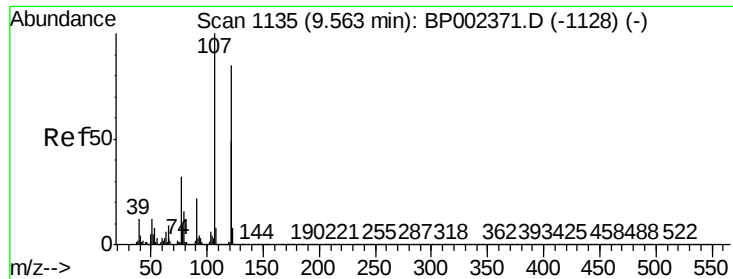
Tot Ion: 82 Resp: 1114672
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 17.1 13.2 19.8



#26
2-Nitrophenol
Concen: 49.712 ng
RT: 9.48 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion: 139 Resp: 294012
Ion Ratio Lower Upper
139 100
109 31.7 24.2 36.4
65 53.1 41.0 61.4

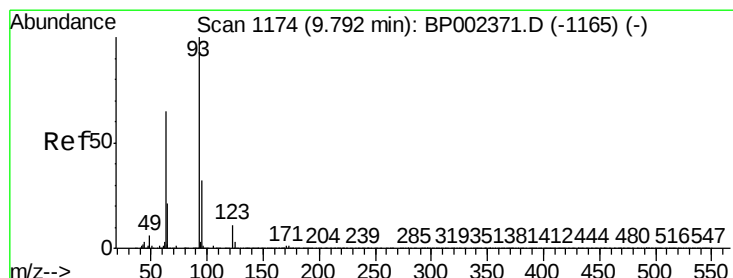
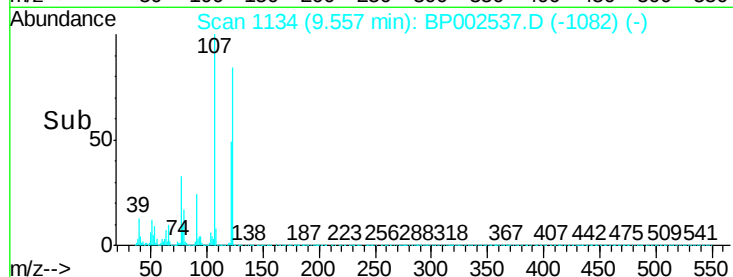
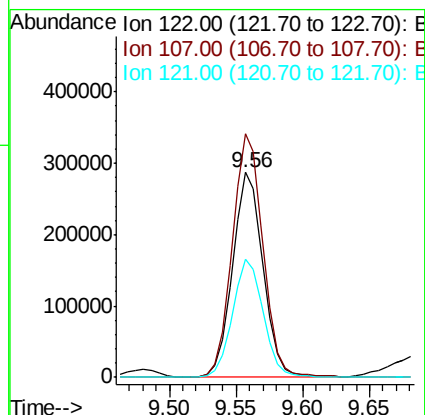
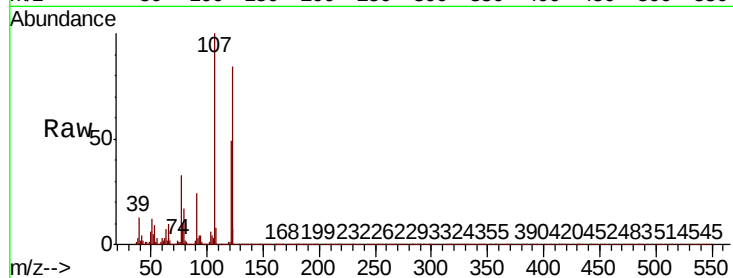




#27
2,4-Dimethylphenol
Concen: 49.273 ng
RT: 9.56 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

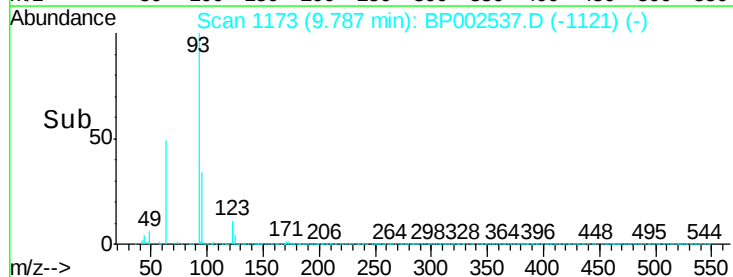
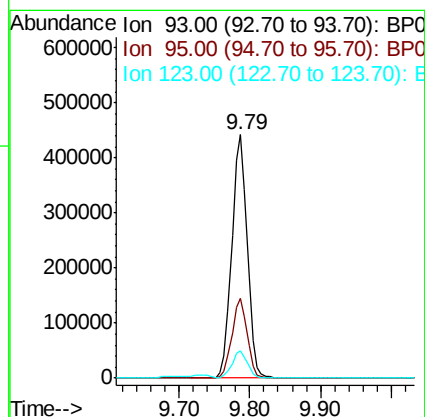
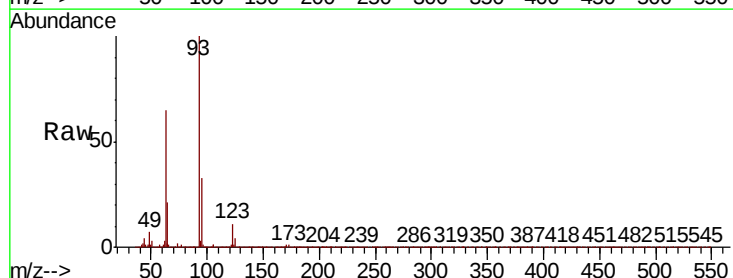
Instrument :
BNA_P
ClientSampleId :
PB129731BS

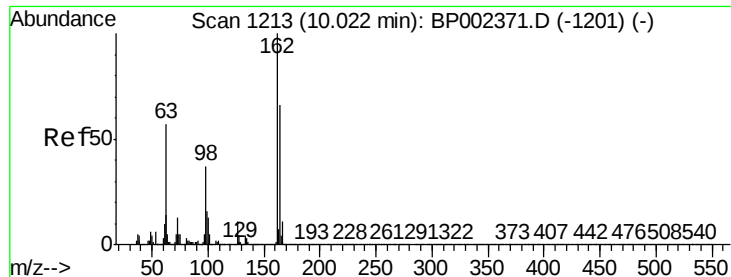
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.9	95.8	143.8
121	57.8	47.5	71.3



#28
bis(2-Chloroethoxy)methane
Concen: 44.767 ng
RT: 9.79 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	11.1	8.8	13.2

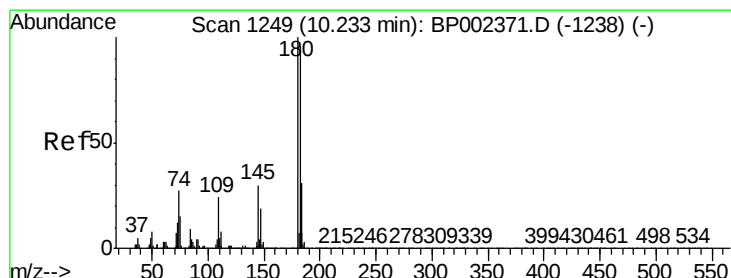
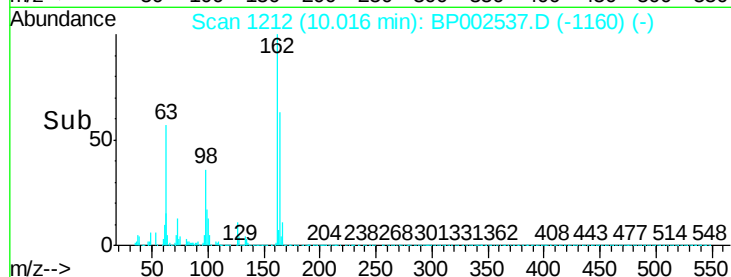
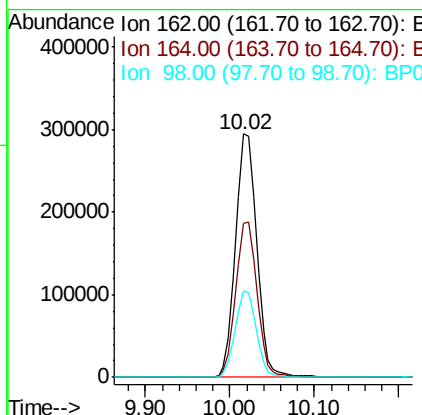
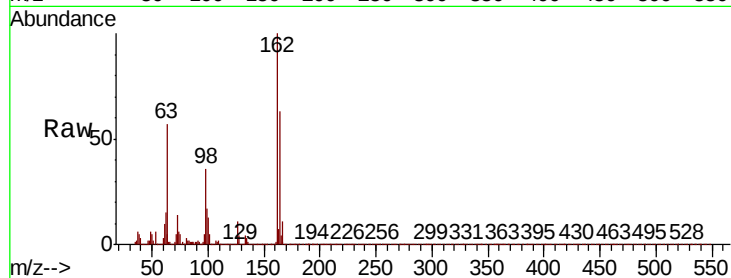




#29
 2,4-Dichlorophenol
 Concen: 48.920 ng
 RT: 10.02 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BP002537.D
 Acq: 25 Jun 2020 10:10

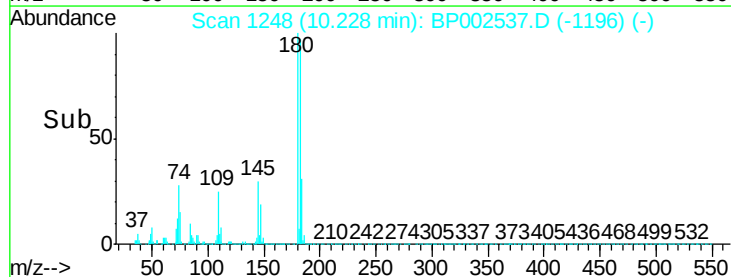
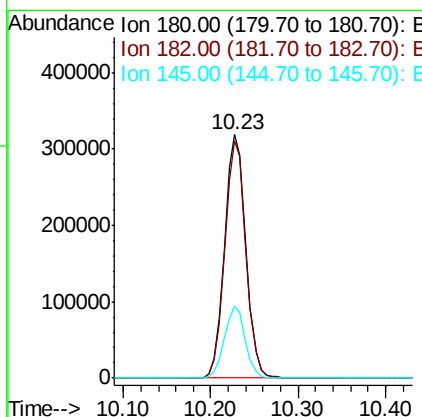
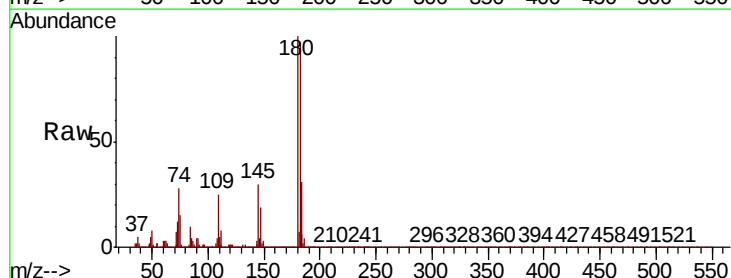
Instrument :
 BNA_P
 ClientSampleId :
 PB129731BS

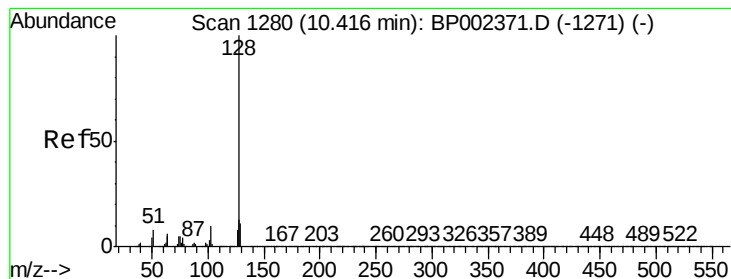
Tot Ion:	162	Resp:	510935
Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.6	83.6
98	35.5	16.4	56.4



#30
 1,2,4-Trichlorobenzene
 Concen: 45.679 ng
 RT: 10.23 min Scan# 1248
 Delta R.T. 0.01 min
 Lab File: BP002537.D
 Acq: 25 Jun 2020 10:10

Tgt Ion:	180	Resp:	531803
Ion	Ratio	Lower	Upper
180	100		
182	97.3	78.6	118.0
145	29.7	23.4	35.0





#31

Naphthalene

Concen: 44.694 ng

RT: 10.41 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

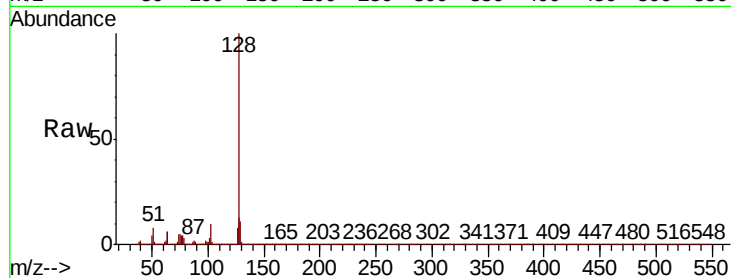
BNA_P

ClientSampleId :

PB129731BS

Tot Ion:128 Resp: 1531041

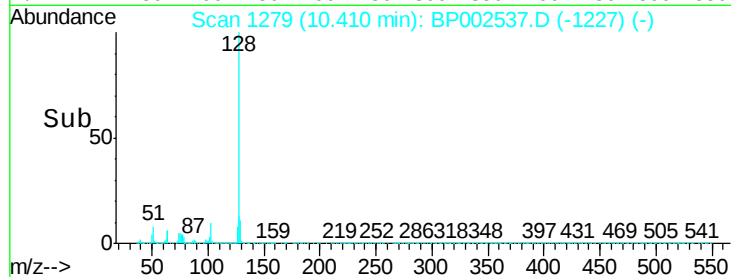
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.3	10.4	15.6



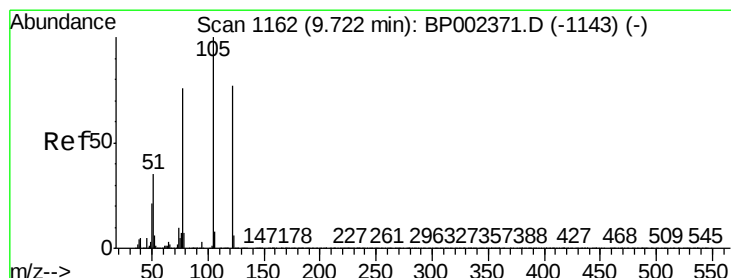
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#32

Benzoic acid

Concen: 36.360 ng

RT: 9.73 min Scan# 1164

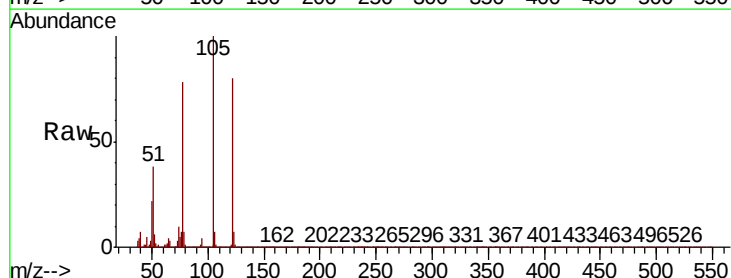
Delta R.T. 0.02 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Tgt Ion:122 Resp: 268694

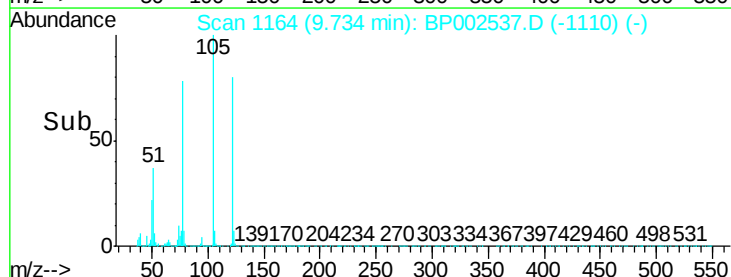
Ion	Ratio	Lower	Upper
122	100		
105	125.2	105.0	145.0
77	98.2	76.9	116.9



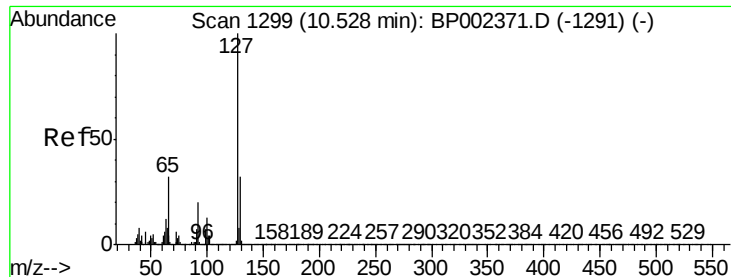
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0



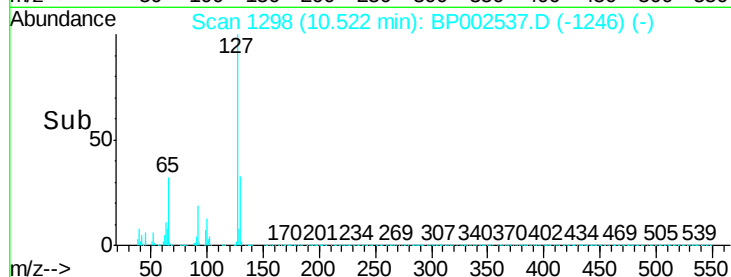
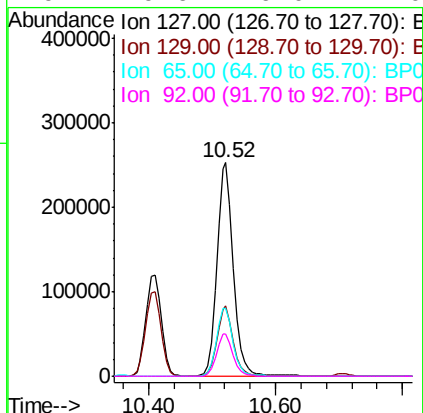
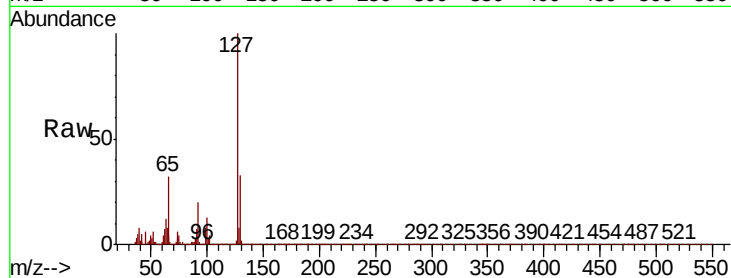
Time-->



#33
4-Chloroaniline
Concen: 30.924 ng
RT: 10.52 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

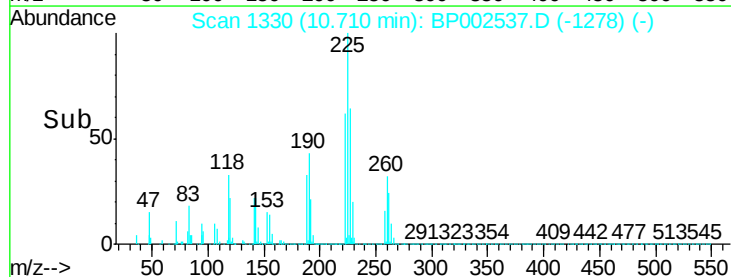
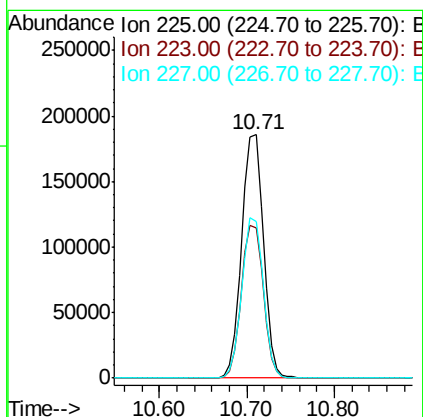
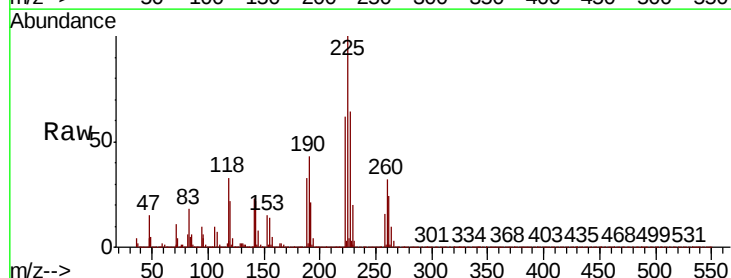
Instrument :
BNA_P
ClientSampleId :
PB129731BS

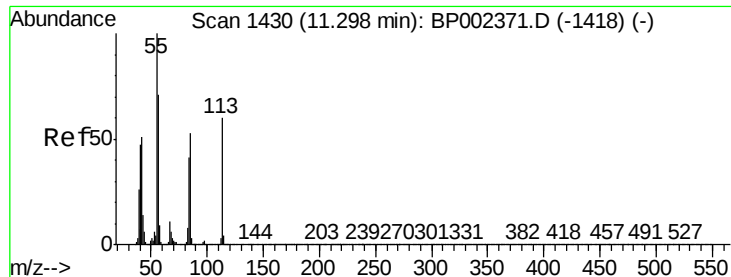
Tot Ion:	127	Resp:	462454
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	31.6	25.4	38.2
92	19.6	16.0	24.0



#34
Hexachlorobutadiene
Concen: 45.657 ng
RT: 10.71 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion:	225	Resp:	310190
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.8	74.6
227	64.1	53.6	80.4

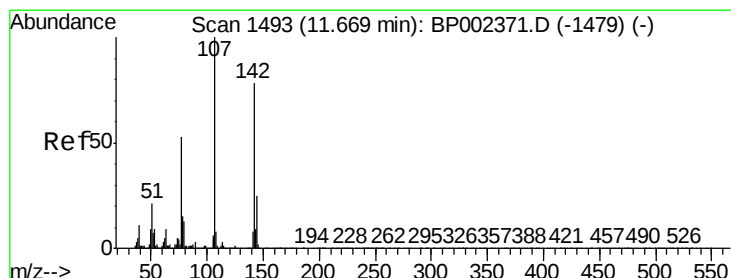
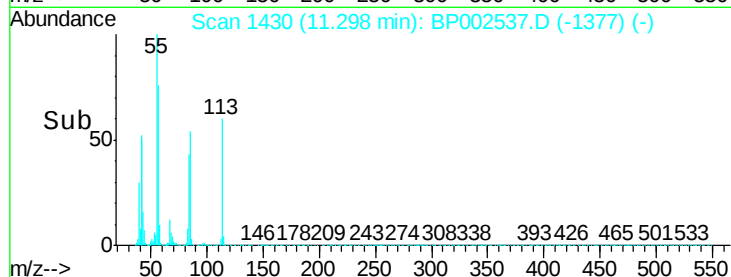
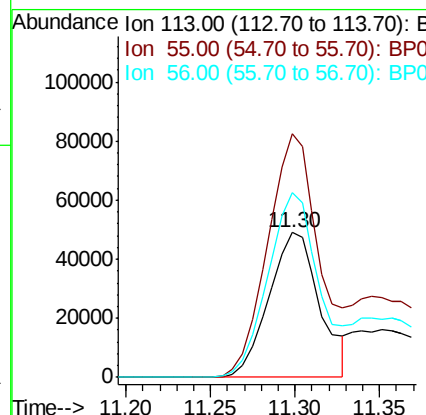
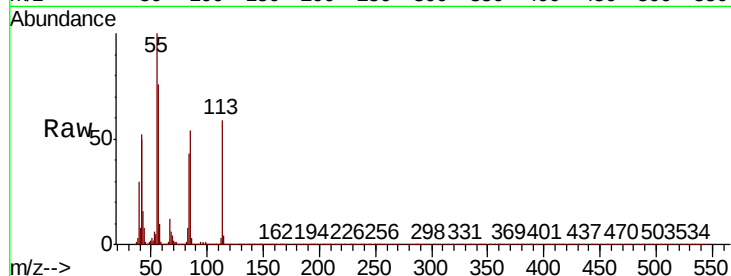




#35
Caprolactam
Concen: 27.714 ng
RT: 11.30 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

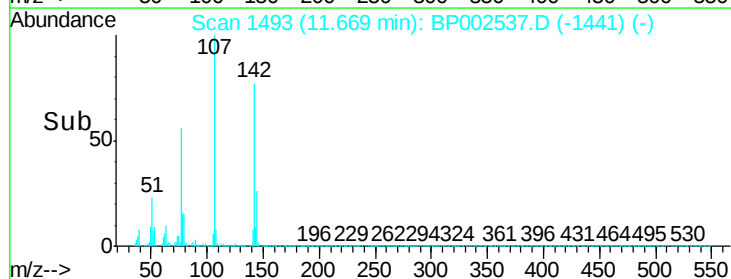
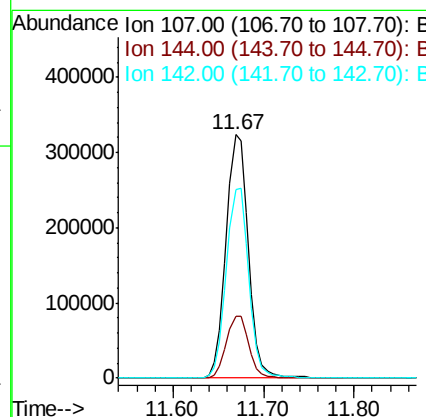
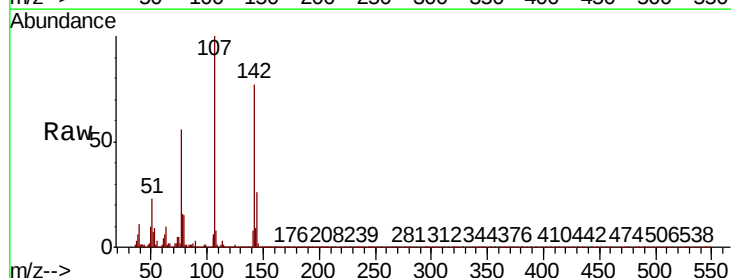
Instrument :
BNA_P
ClientSampleId :
PB129731BS

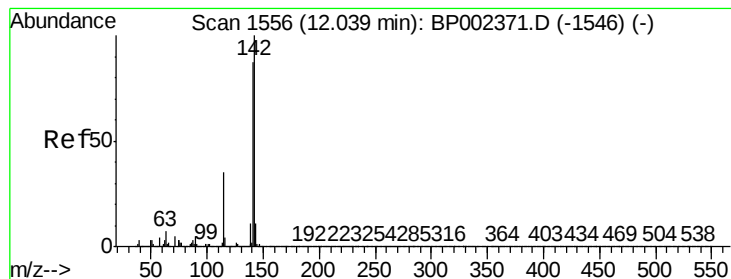
Tot Ion:113 Resp: 102092
Ion Ratio Lower Upper
113 100
55 168.2 150.4 190.4
56 128.0 109.2 149.2



#36
4-Chloro-3-methylphenol
Concen: 49.064 ng
RT: 11.67 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion:107 Resp: 554463
Ion Ratio Lower Upper
107 100
144 25.5 20.6 31.0
142 77.3 63.3 94.9





#37

2-Methylnaphthalene

Concen: 45.873 ng

RT: 12.03 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

BNA_P

ClientSampleId :

PB129731BS

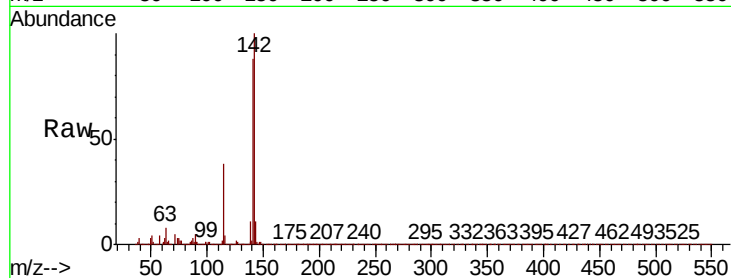
Tot Ion:142 Resp: 1115350

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.4

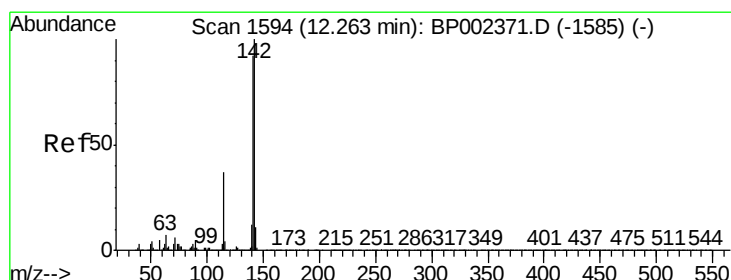
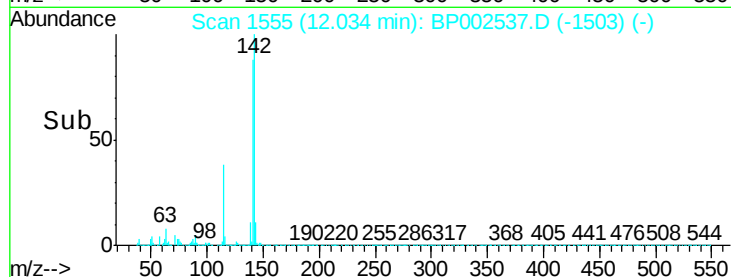
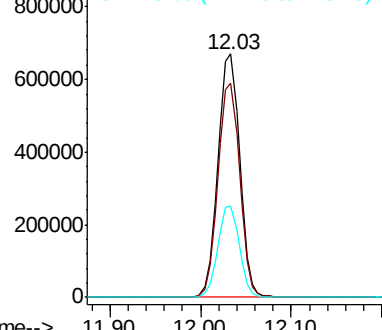
115 37.7 28.6 42.8



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: 46.357 ng

RT: 12.25 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

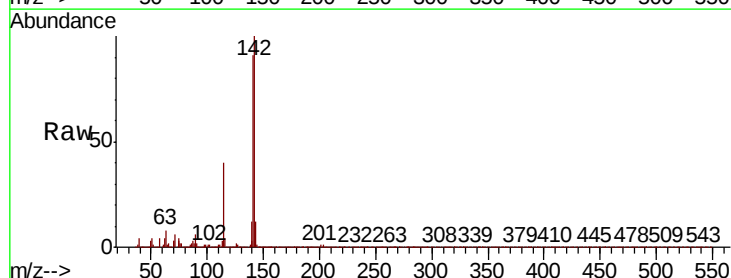
Tgt Ion:142 Resp: 1057924

Ion Ratio Lower Upper

142 100

141 91.0 72.1 108.1

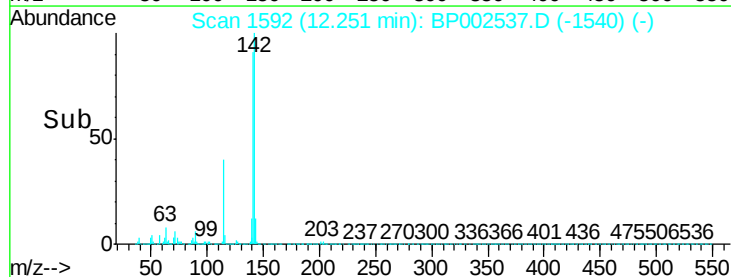
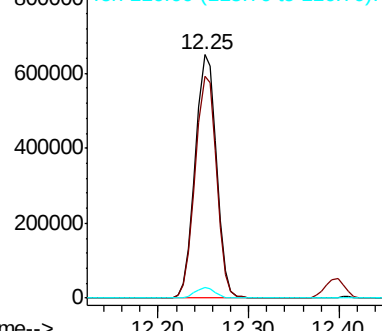
116 4.1 3.3 4.9

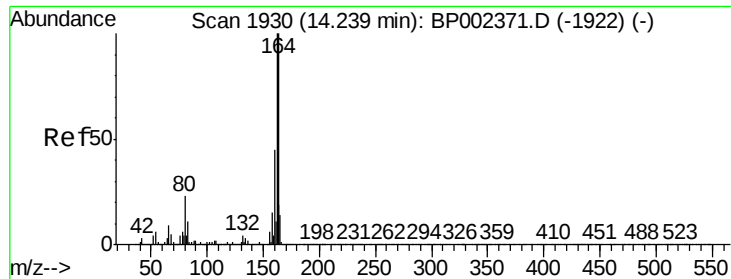


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.23 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

BNA_P

ClientSampleId :

PB129731BS

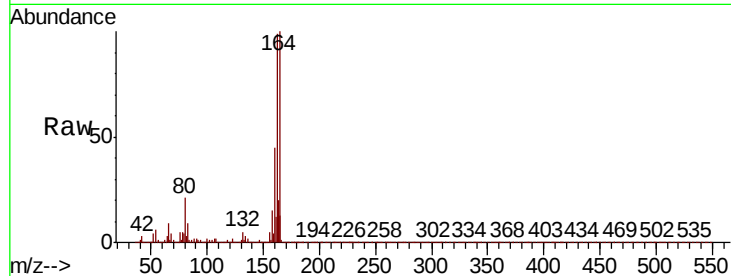
Tot Ion:164 Resp: 457462

Ion Ratio Lower Upper

164 100

162 98.6 80.6 121.0

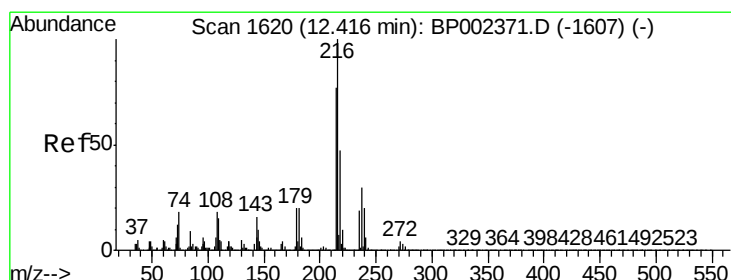
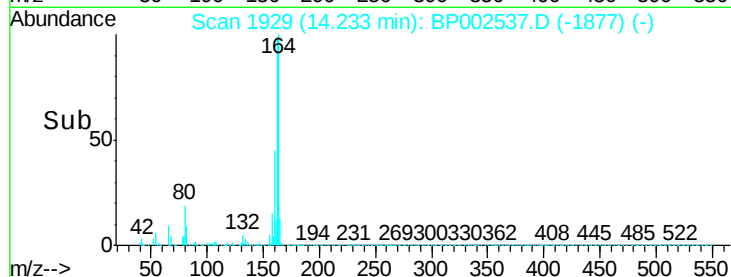
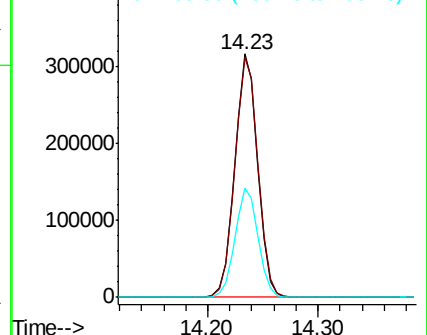
160 45.0 35.4 53.2



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: 46.091 ng

RT: 12.42 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Tgt Ion:216 Resp: 555807

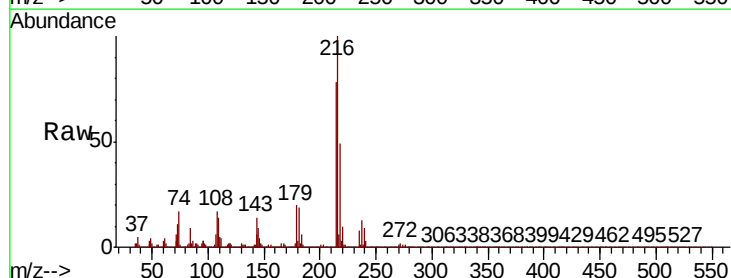
Ion Ratio Lower Upper

216 100

214 78.7 63.6 95.4

179 20.4 16.5 24.7

108 20.9 15.4 23.0

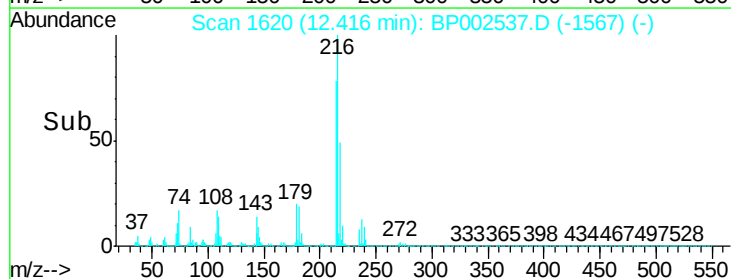
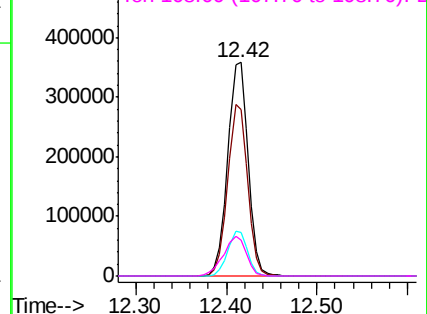


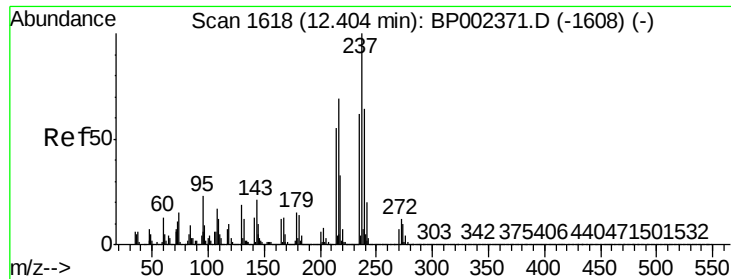
Abundance Ion 216.00 (215.70 to 216.70): E

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

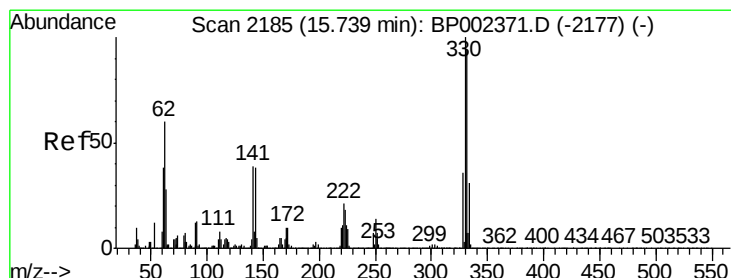
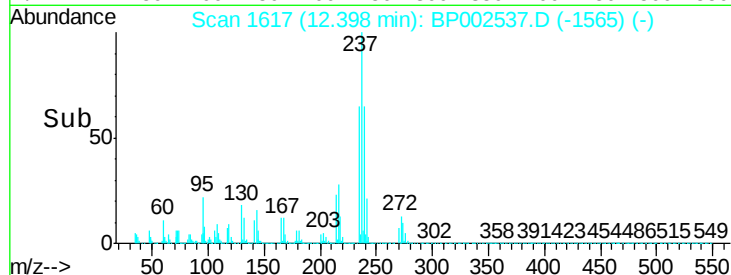
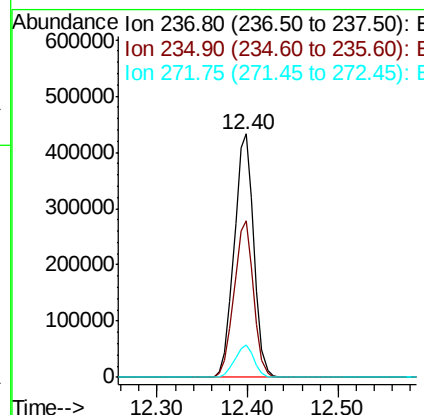
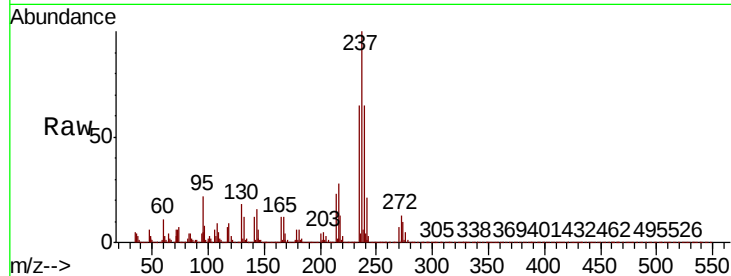




#41
Hexachlorocyclopentadiene
Concen: 101.478 ng
RT: 12.40 min Scan# 1617
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

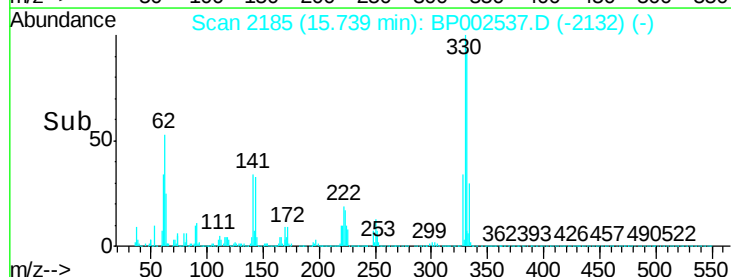
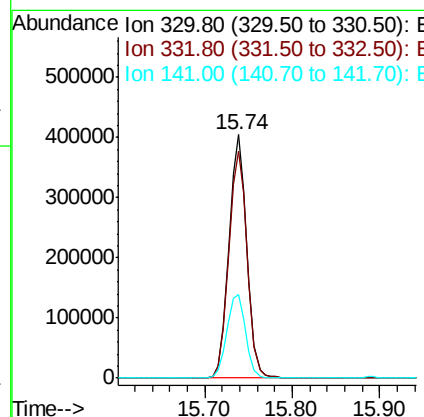
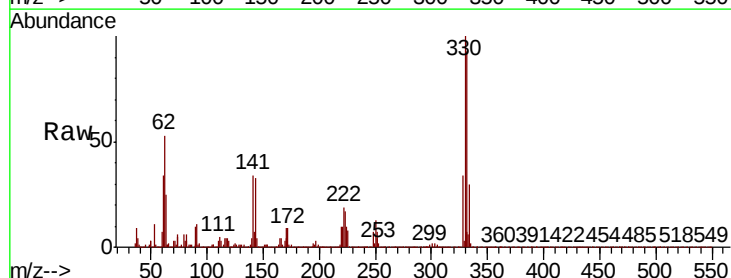
Instrument :
BNA_P
ClientSampleId :
PB129731BS

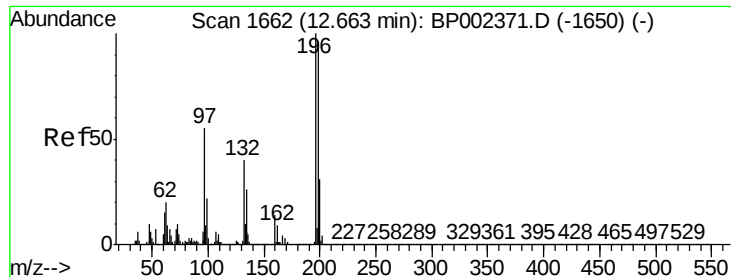
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.5	42.6	82.6
272	13.5	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 130.598 ng
RT: 15.74 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.2	115.8
141	36.3	30.4	45.6

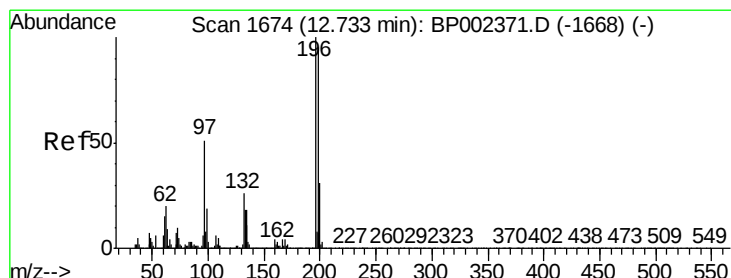
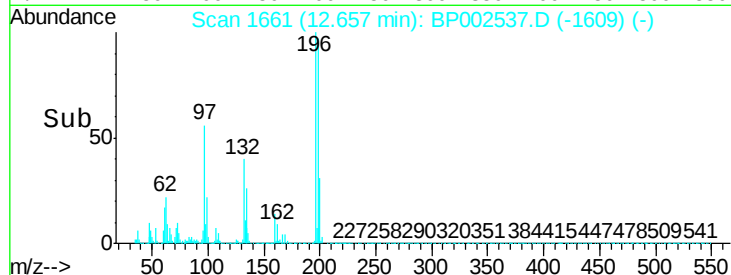
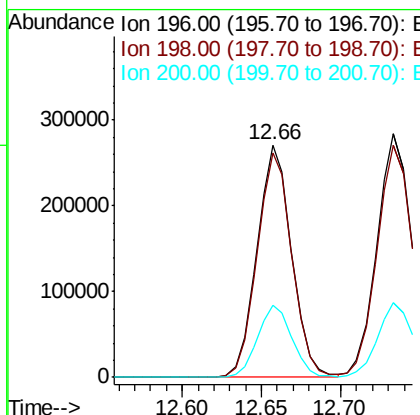
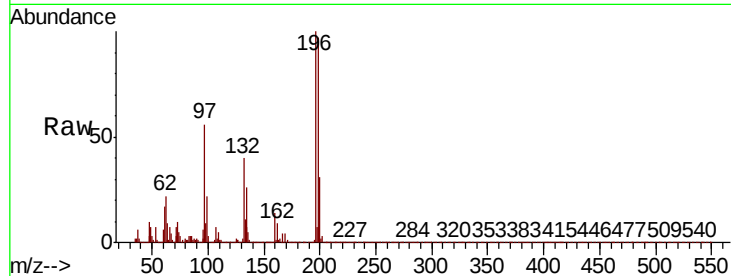




#43
2,4,6-Trichlorophenol
Concen: 48.115 ng
RT: 12.66 min Scan# 1661
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

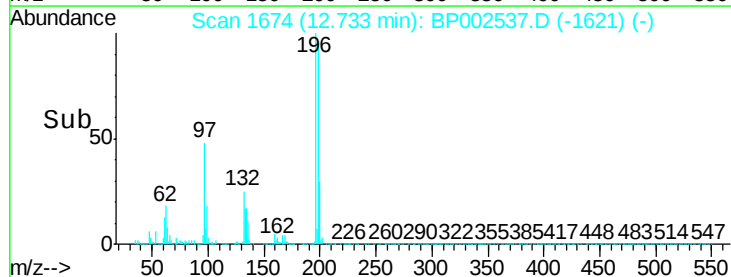
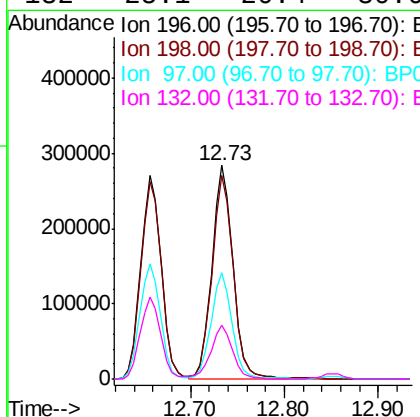
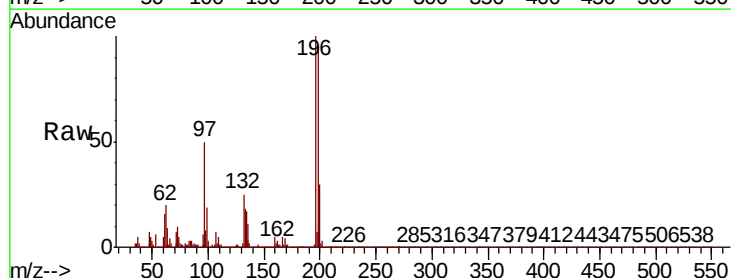
Instrument :
BNA_P
ClientSampleId :
PB129731BS

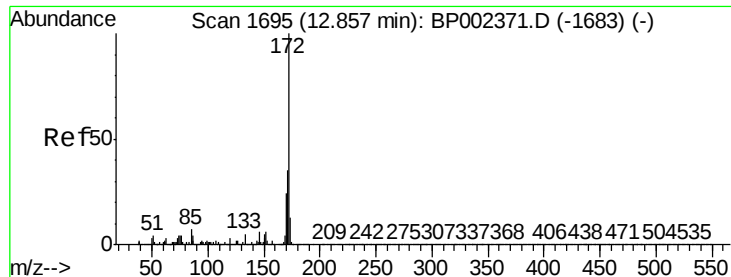
Tot Ion:196 Resp: 410625
Ion Ratio Lower Upper
196 100
198 96.5 77.2 115.8
200 31.2 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 45.161 ng
RT: 12.73 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion:196 Resp: 446300
Ion Ratio Lower Upper
196 100
198 95.2 78.2 117.2
97 49.6 40.2 60.4
132 25.1 20.4 30.6

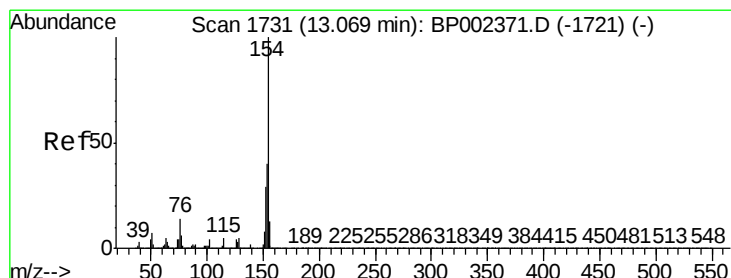
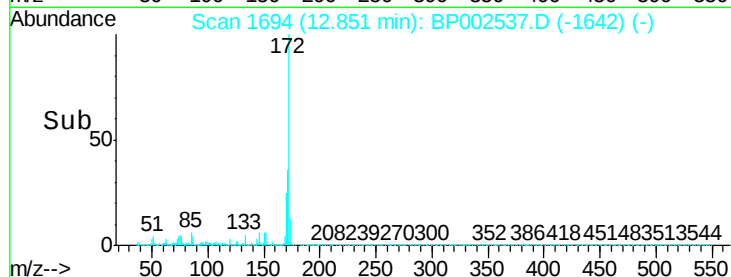
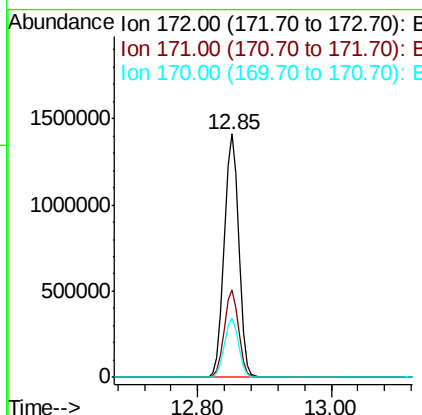
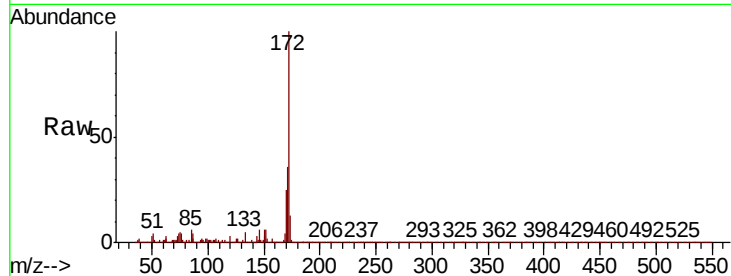




#45
2-Fluorobiphenyl
Concen: 80.587 ng
RT: 12.85 min Scan# 1694
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

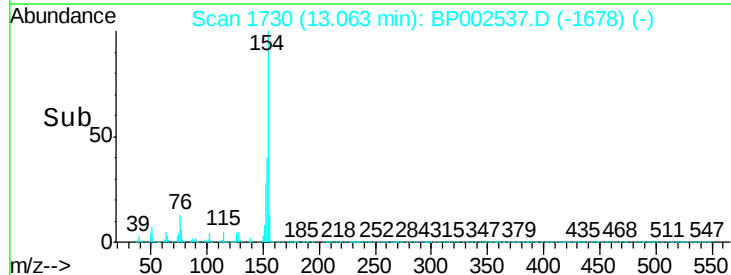
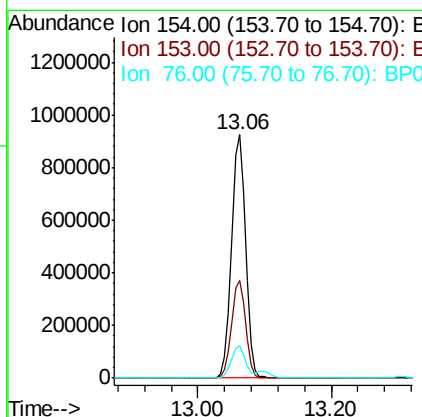
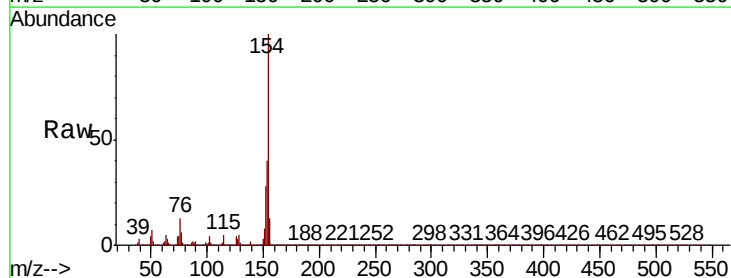
Instrument :
BNA_P
ClientSampleId :
PB129731BS

Tot Ion:172 Resp: 2192532
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 24.6 19.0 28.6



#46
1,1'-Biphenyl
Concen: 46.158 ng
RT: 13.06 min Scan# 1730
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion:154 Resp: 1383877
Ion Ratio Lower Upper
154 100
153 40.1 19.2 59.2
76 13.3 0.0 33.2

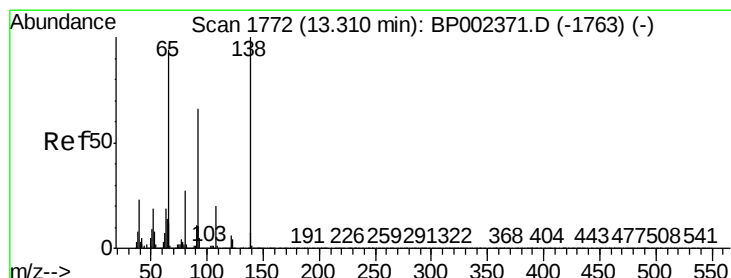
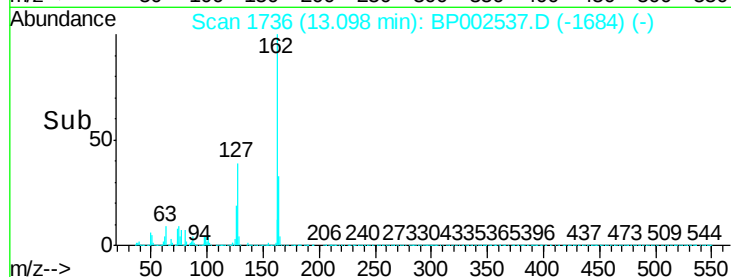
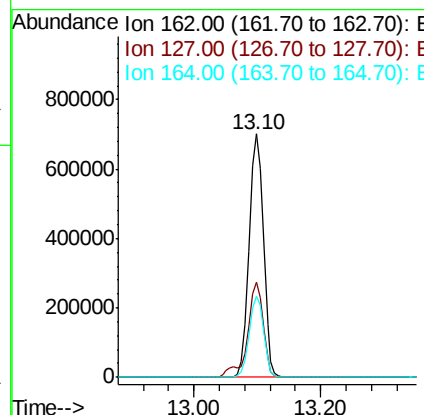
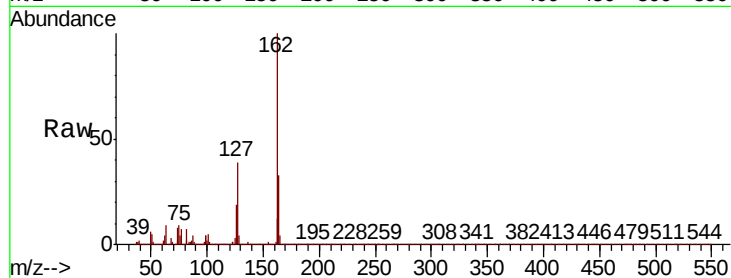




#47
2-Chloronaphthalene
Concen: 44.354 ng
RT: 13.10 min Scan# 1736
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

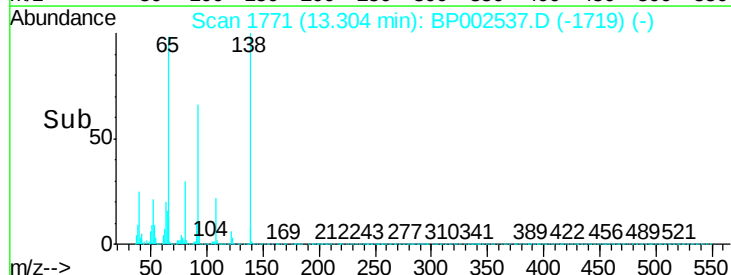
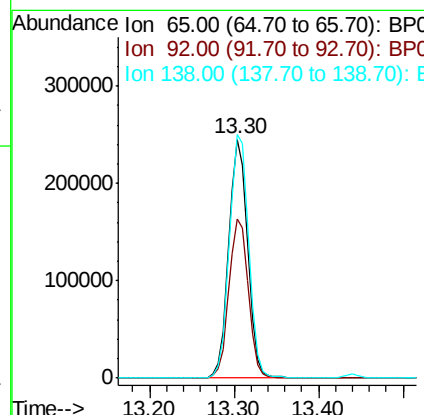
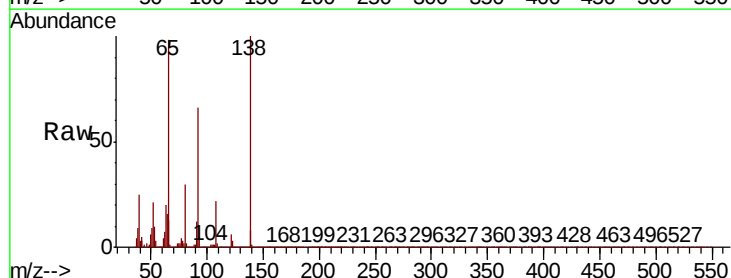
Instrument :
BNA_P
ClientSampleId :
PB129731BS

Tot Ion:162 Resp: 1087731
Ion Ratio Lower Upper
162 100
127 39.3 31.3 46.9
164 33.5 26.4 39.6



#48
2-Nitroaniline
Concen: 48.447 ng
RT: 13.30 min Scan# 1771
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion: 65 Resp: 379285
Ion Ratio Lower Upper
65 100
92 67.0 55.0 82.6
138 102.1 81.8 122.8





#49

Acenaphthylene

Concen: 44.983 ng

RT: 13.95 min Scan# 1881

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

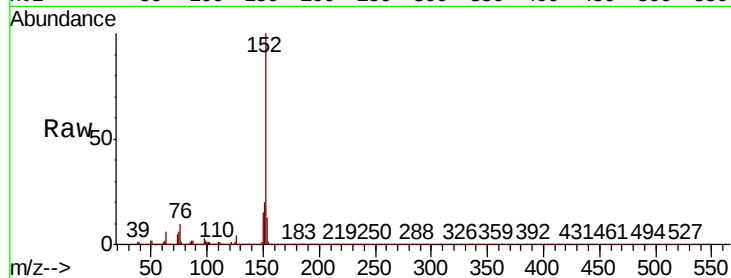
BNA_P

ClientSampleId :

PB129731BS

Tot Ion:152 Resp: 1760739

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.1	10.9	16.3

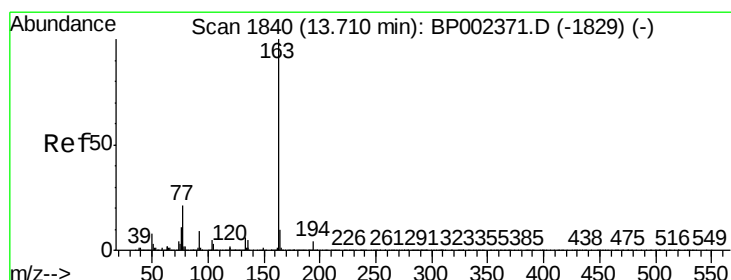
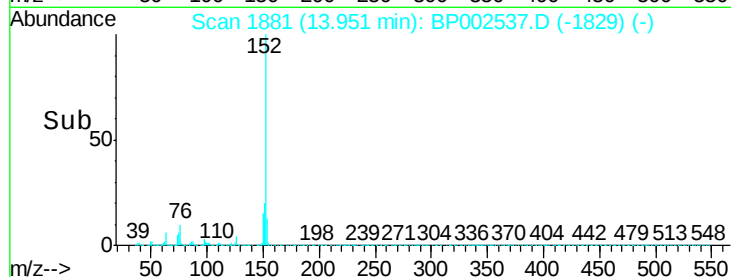
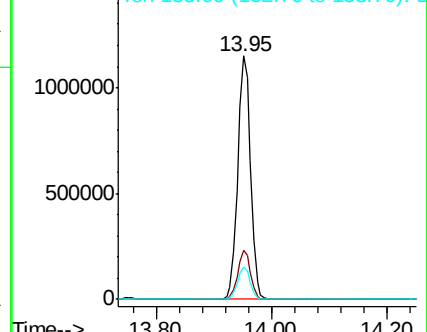


Abundance

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: 45.997 ng

RT: 13.70 min Scan# 1839

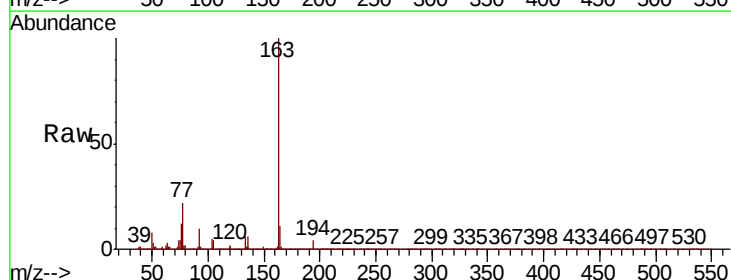
Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Tgt Ion:163 Resp: 1441799

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.6	8.2	12.2

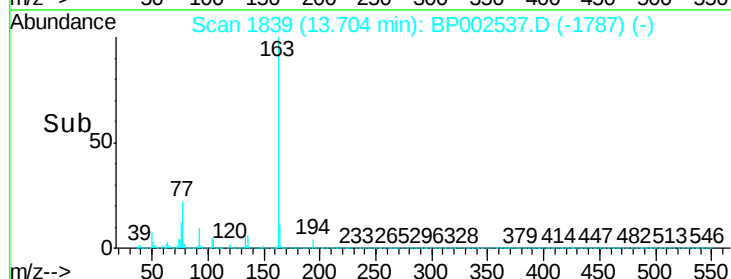
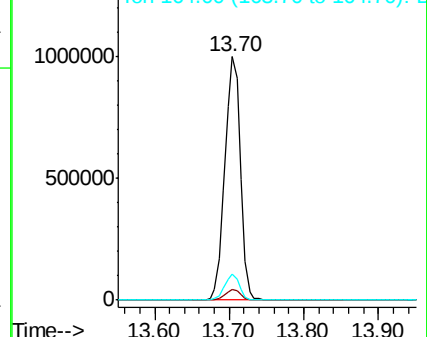


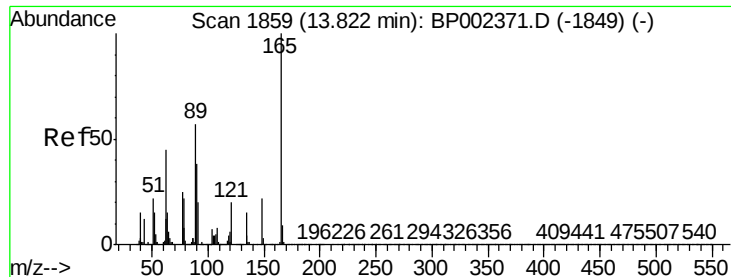
Abundance

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

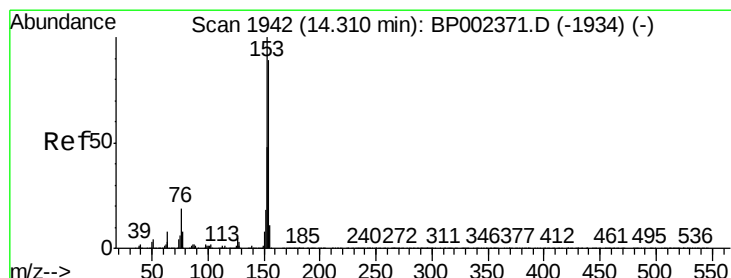
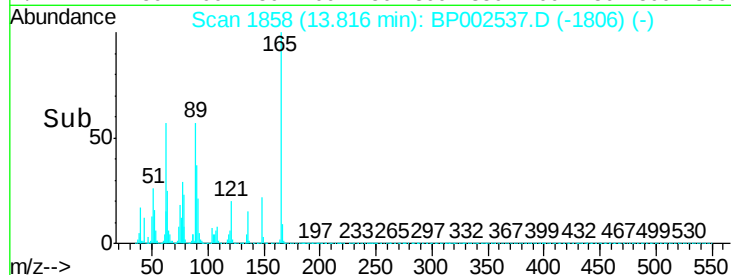
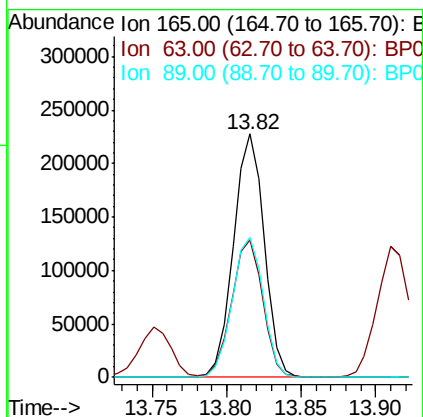
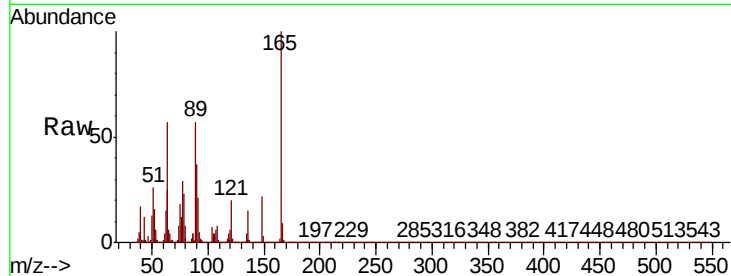




#51
2,6-Dinitrotoluene
Concen: 48.044 ng
RT: 13.82 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

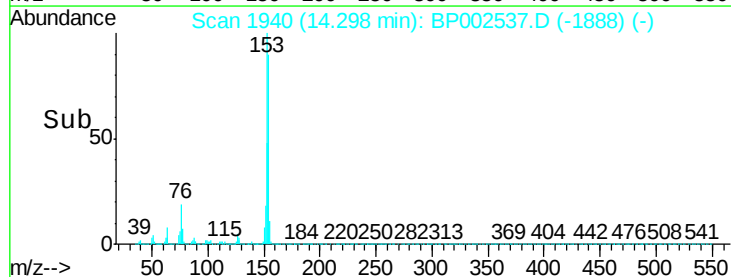
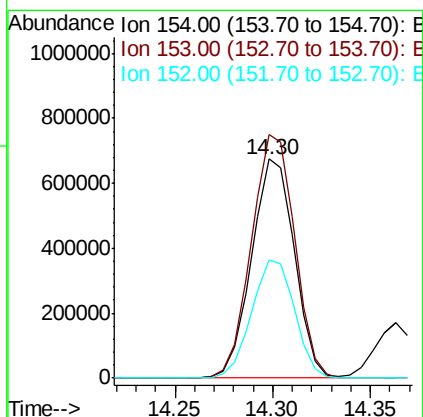
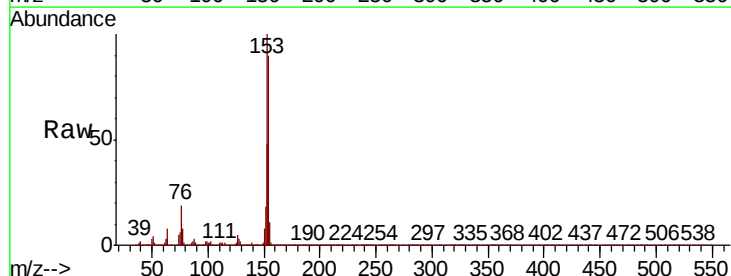
Instrument :
BNA_P
ClientSampleId :
PB129731BS

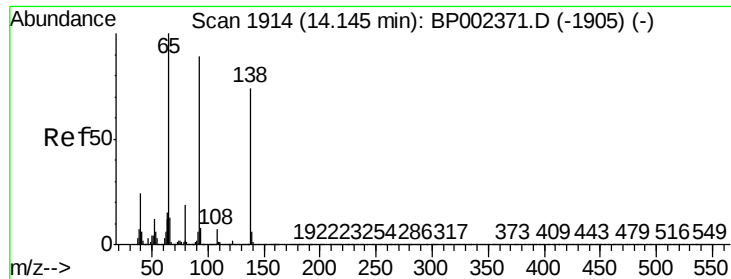
Tot Ion:165 Resp: 327051
Ion Ratio Lower Upper
165 100
63 56.6 45.1 67.7
89 57.4 46.6 69.8



#52
Acenaphthene
Concen: 44.766 ng
RT: 14.30 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion:154 Resp: 1026496
Ion Ratio Lower Upper
154 100
153 111.3 91.9 137.9
152 53.7 43.5 65.3

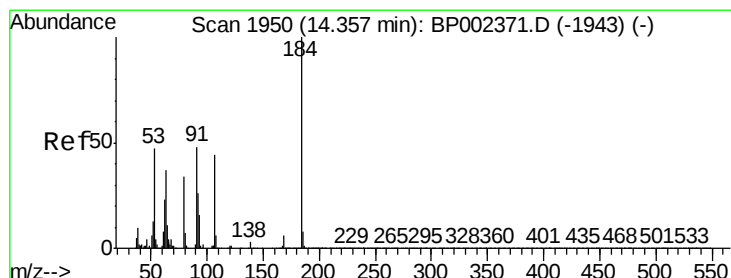
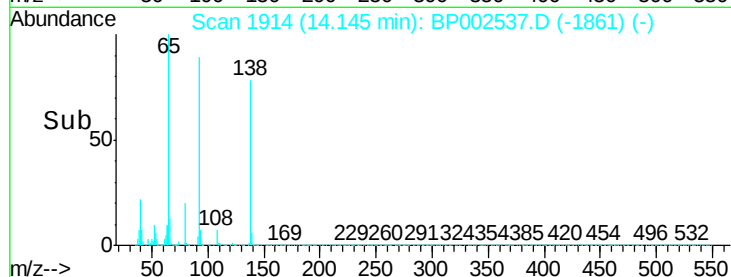
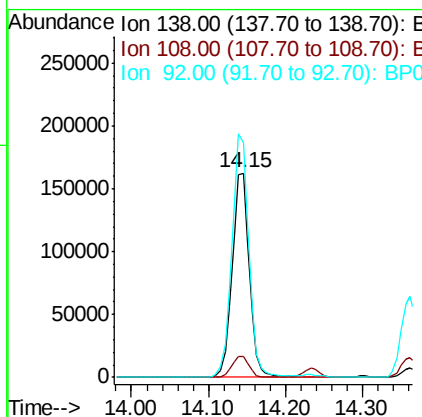
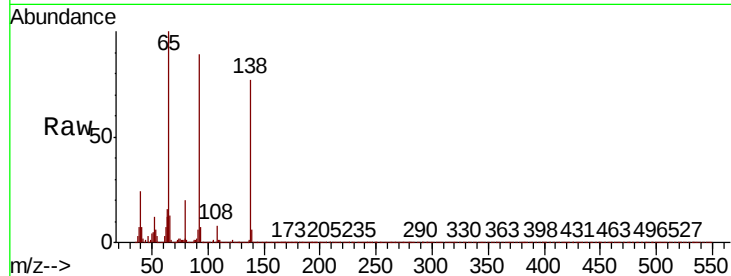




#53
 3-Nitroaniline
 Concen: 32.646 ng
 RT: 14.15 min Scan# 1914
 Delta R.T. 0.01 min
 Lab File: BP002537.D
 Acq: 25 Jun 2020 10:10

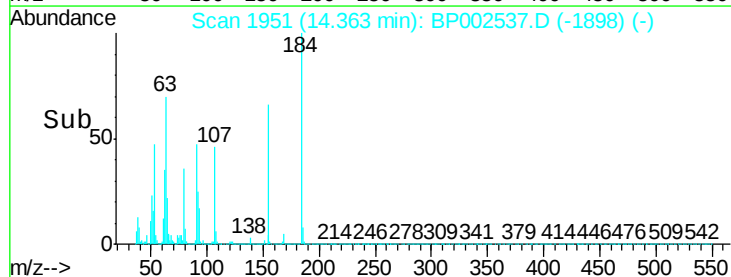
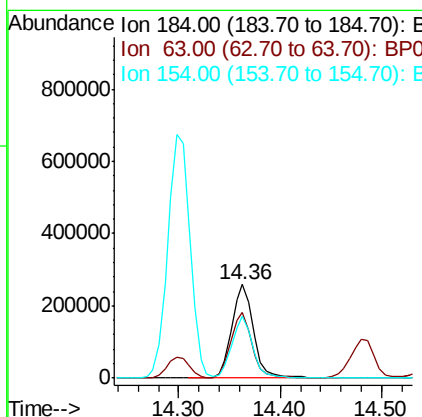
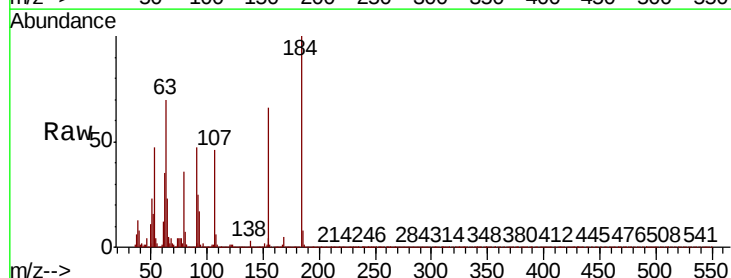
Instrument :
 BNA_P
 ClientSampleId :
 PB129731BS

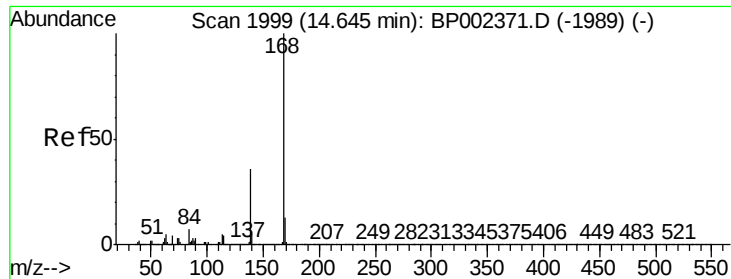
Tot Ion:138 Resp: 253755
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.2 12.4
 92 115.0 98.6 147.8



#54
 2,4-Dinitrophenol
 Concen: 96.068 ng
 RT: 14.36 min Scan# 1951
 Delta R.T. 0.01 min
 Lab File: BP002537.D
 Acq: 25 Jun 2020 10:10

Tgt Ion:184 Resp: 387831
 Ion Ratio Lower Upper
 184 100
 63 69.8 51.3 76.9
 154 65.9 50.2 75.2





#55

Dibenzofuran

Concen: 44.143 ng

RT: 14.64 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

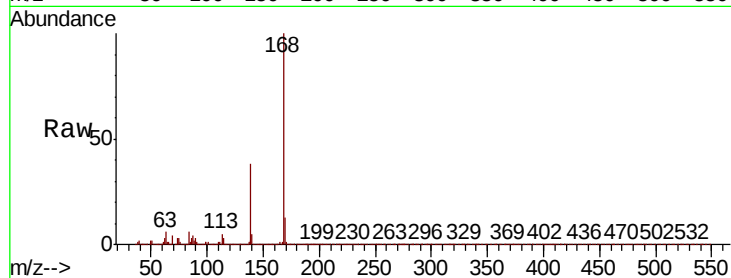
BNA_P

ClientSampleId :

PB129731BS

Tot Ion:168 Resp: 1629664

Ion	Ratio	Lower	Upper
168	100		
139	37.7	29.3	43.9
169	13.5	10.6	16.0

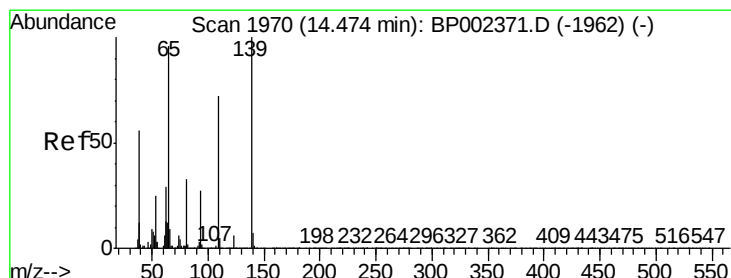
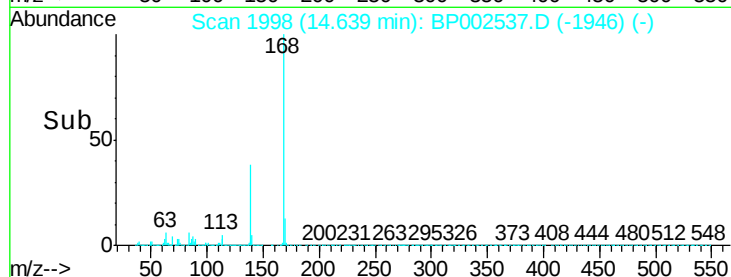
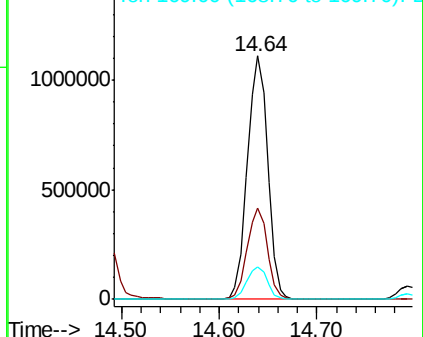


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 89.105 ng

RT: 14.49 min Scan# 1972

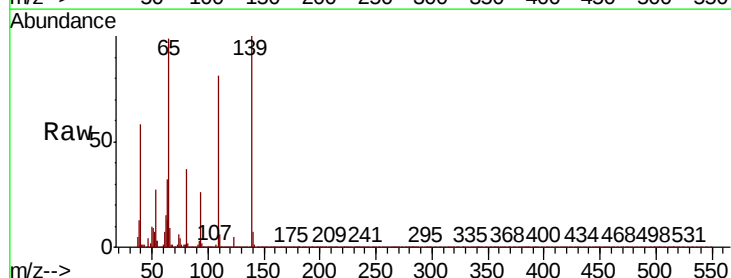
Delta R.T. 0.02 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Tgt Ion:139 Resp: 549921

Ion	Ratio	Lower	Upper
139	100		
109	80.8	56.1	96.1
65	98.6	81.2	121.2

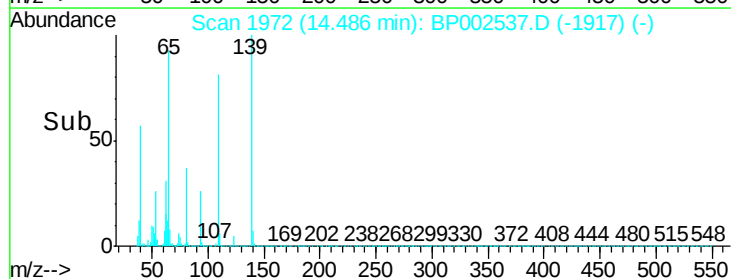
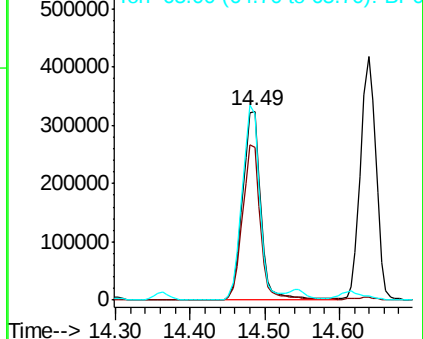


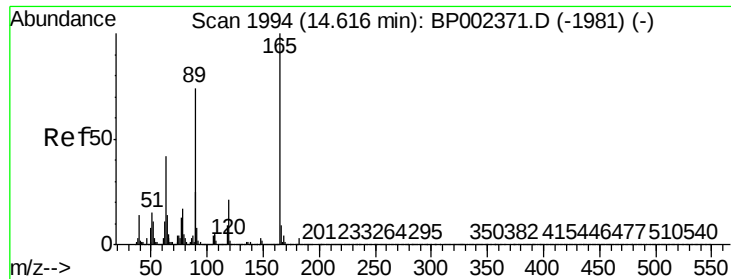
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

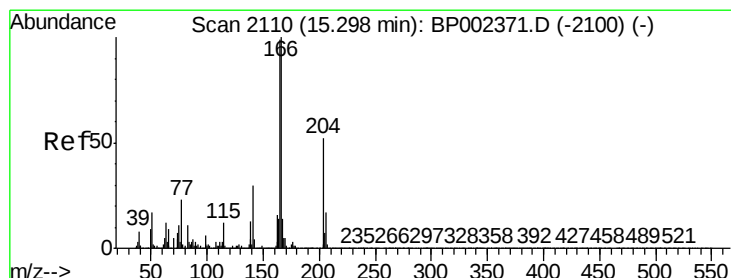
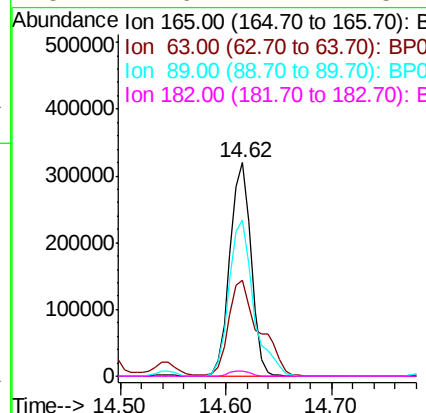
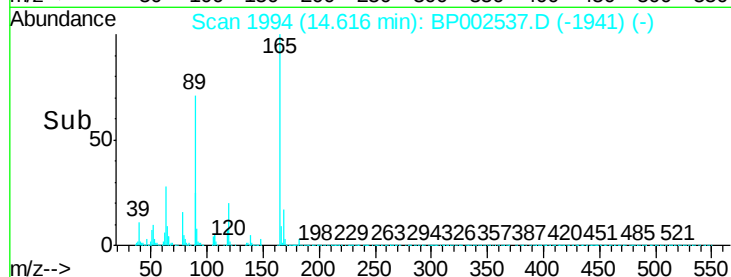
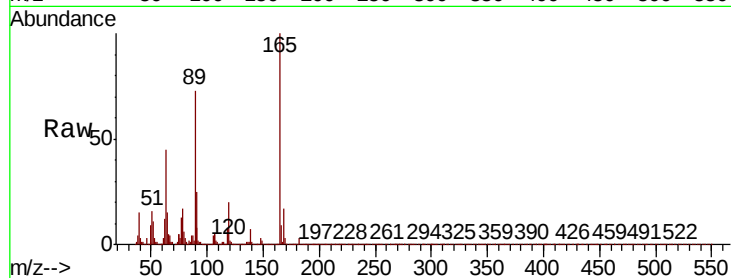




#57
2,4-Dinitrotoluene
Concen: 47.775 ng
RT: 14.62 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

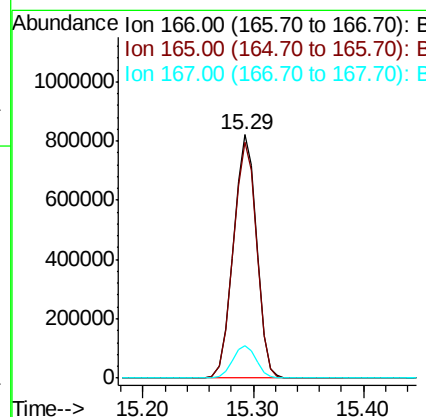
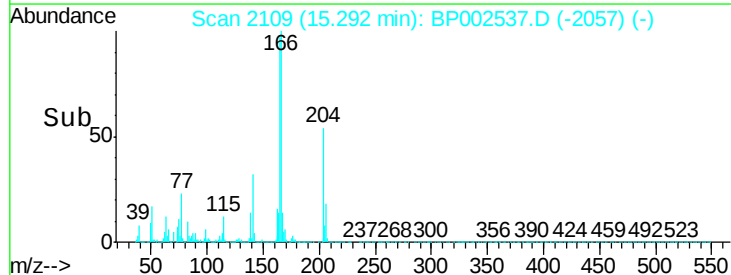
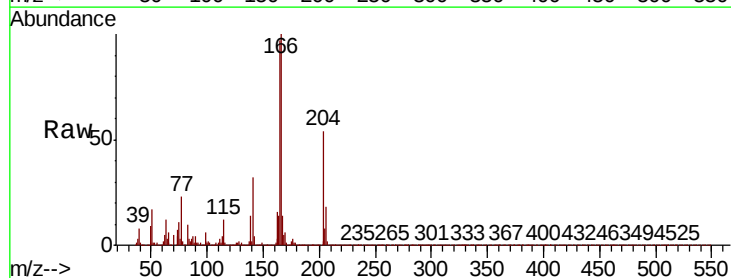
Instrument :
BNA_P
ClientSampleId :
PB129731BS

Tot Ion:165 Resp: 442683
Ion Ratio Lower Upper
165 100
63 45.1 35.8 53.6
89 73.0 58.4 87.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 41.829 ng
RT: 15.29 min Scan# 2109
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion:166 Resp: 1214647
Ion Ratio Lower Upper
166 100
165 97.0 78.3 117.5
167 13.5 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.951 ng

RT: 14.87 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

BNA_P

ClientSampleId :

PB129731BS

Tot Ion:232 Resp: 384003

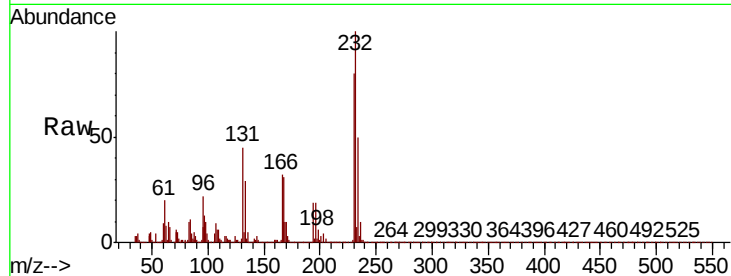
Ion Ratio Lower Upper

232 100

131 43.7 34.7 52.1

130 2.3 1.8 2.8

166 30.6 24.7 37.1

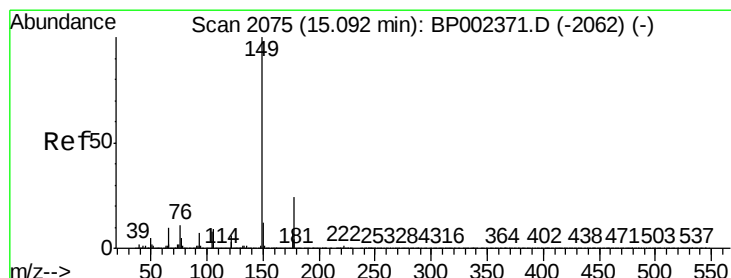
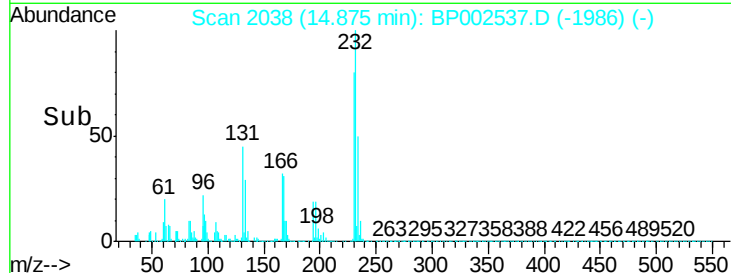
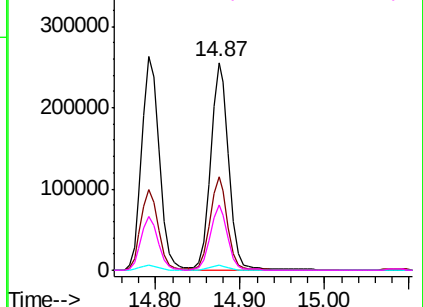


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 44.931 ng

RT: 15.08 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

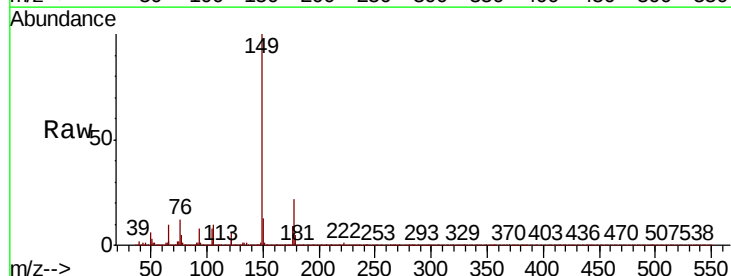
Tgt Ion:149 Resp: 1411152

Ion Ratio Lower Upper

149 100

177 22.2 17.8 26.6

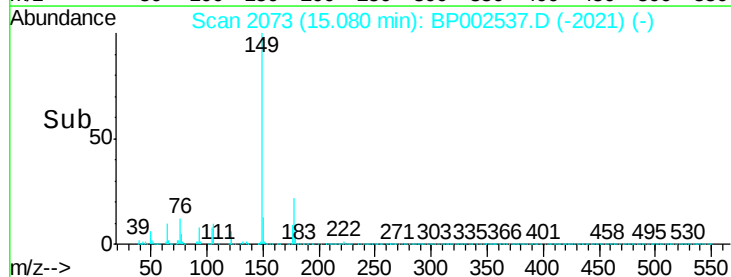
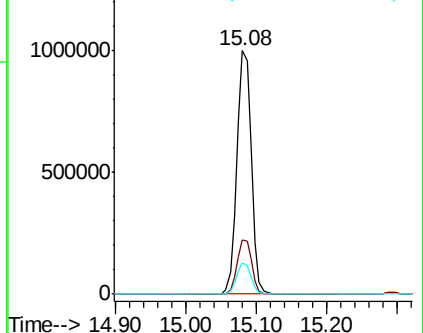
150 12.7 9.7 14.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

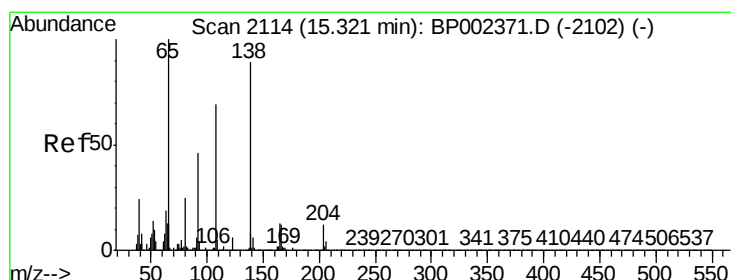
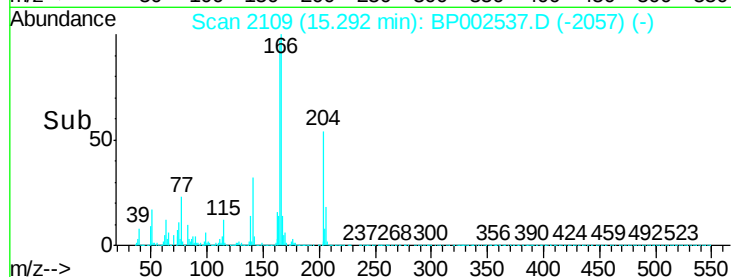
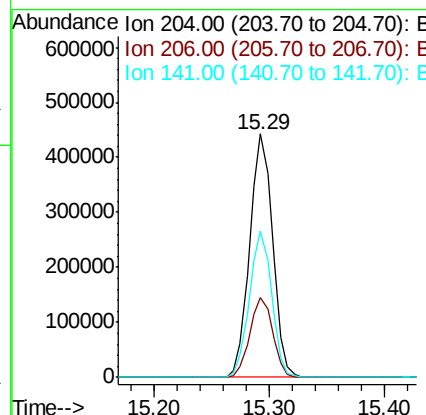
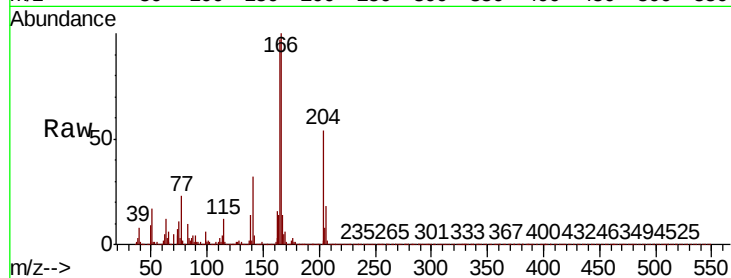




#61
4-Chlorophenyl-phenylether
Concen: 42.882 ng
RT: 15.29 min Scan# 2109
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

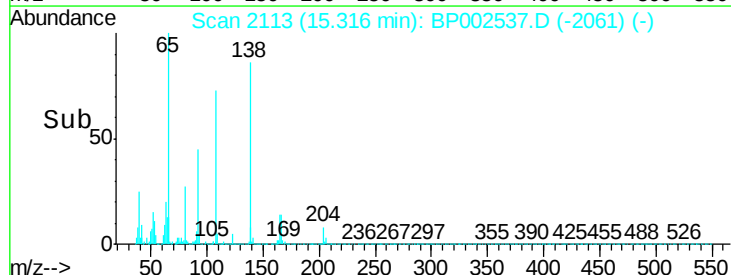
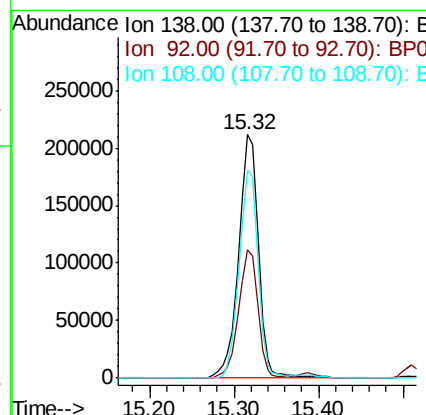
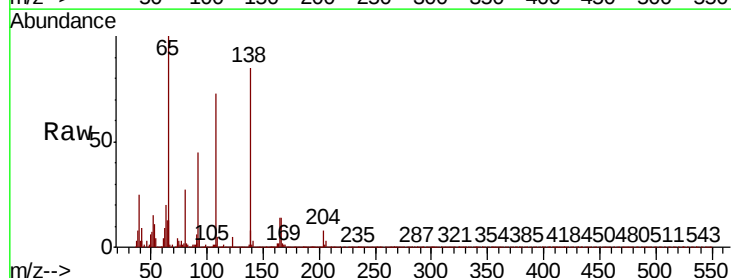
Instrument :
BNA_P
ClientSampleId :
PB129731BS

Tot Ion:204 Resp: 611942
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 60.1 46.3 69.5



#62
4-Nitroaniline
Concen: 45.506 ng
RT: 15.32 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion:138 Resp: 339863
Ion Ratio Lower Upper
138 100
92 52.6 33.0 73.0
108 85.5 61.8 101.8

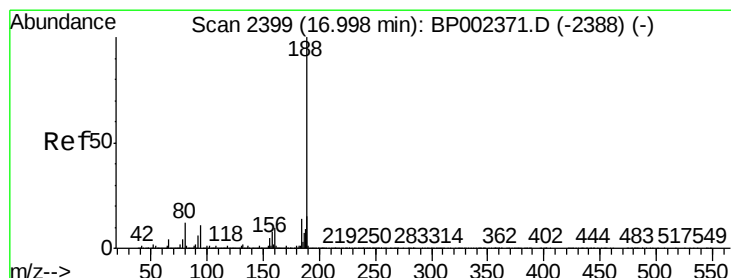
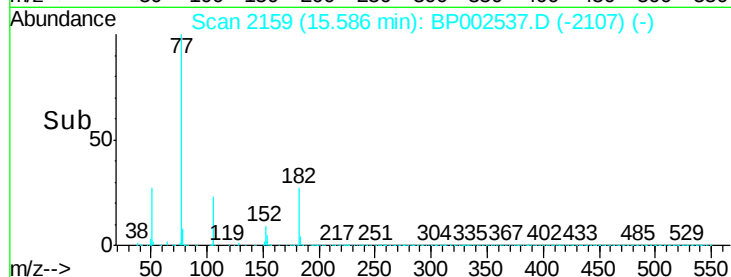
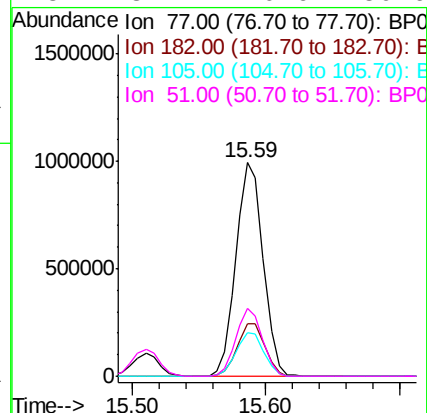
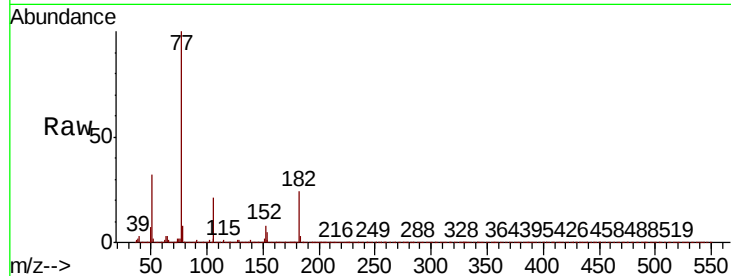




#63
Azobenzene
Concen: 45.082 ng
RT: 15.59 min Scan# 2159
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

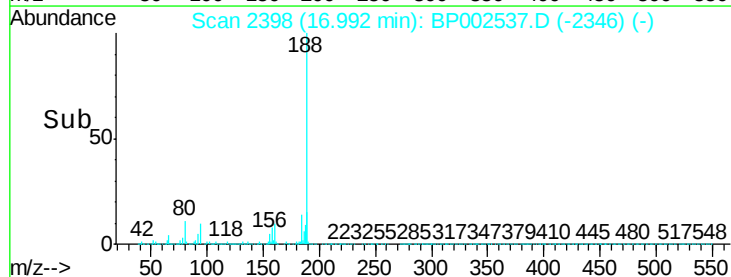
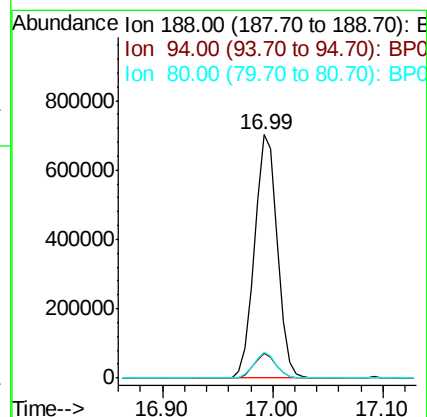
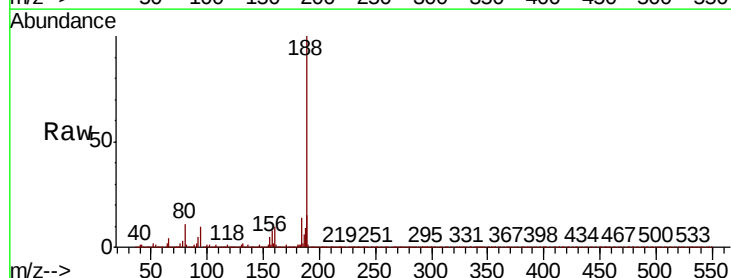
Instrument :
BNA_P
ClientSampleId :
PB129731BS

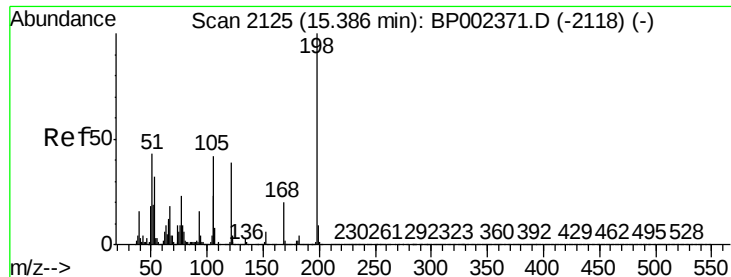
Tot Ion:	77	Resp:	1409387
Ion	Ratio	Lower	Upper
77	100		
182	24.3	4.7	44.7
105	20.6	0.9	40.9
51	31.7	10.6	50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion:	188	Resp:	1015517
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.6	11.4
80	10.7	8.3	12.5

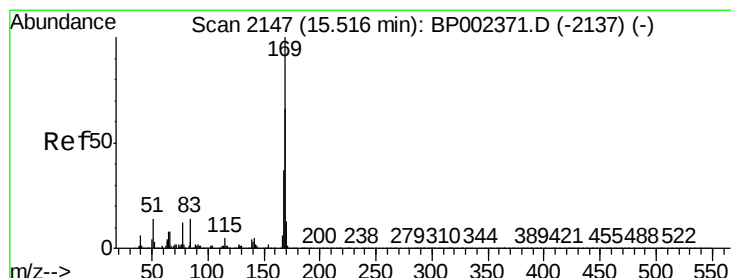
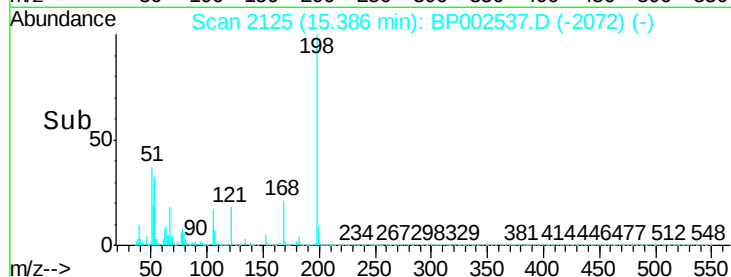
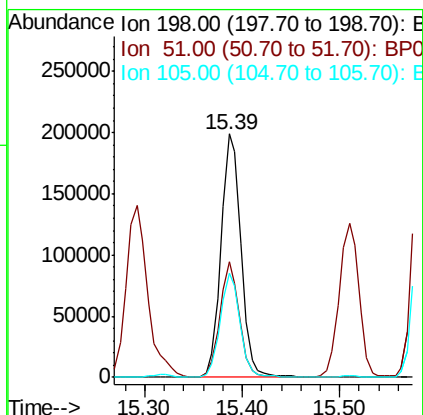
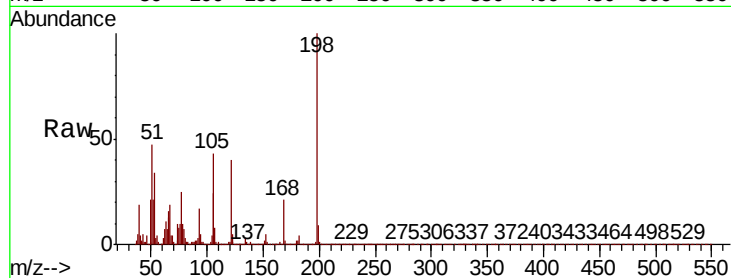




#65
4,6-Dinitro-2-methylphenol
Concen: 52.607 ng
RT: 15.39 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

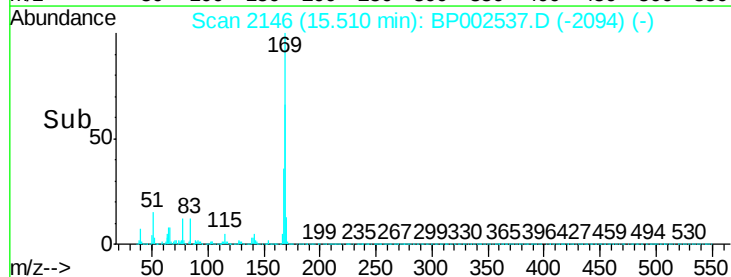
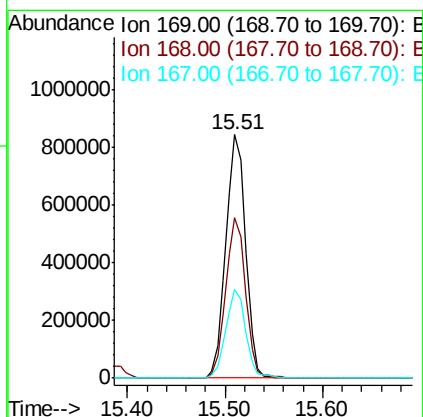
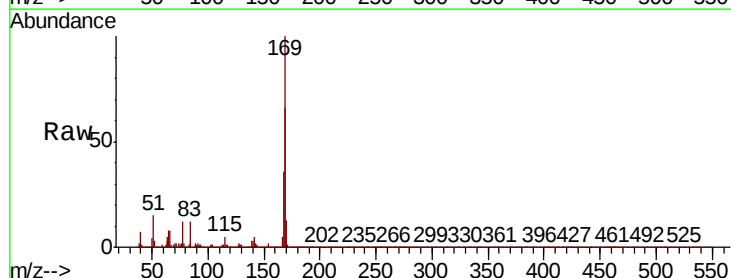
Instrument :
BNA_P
ClientSampleId :
PB129731BS

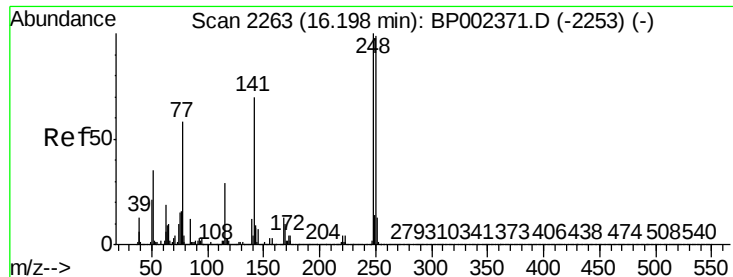
Tot Ion:198 Resp: 281908
Ion Ratio Lower Upper
198 100
51 47.4 24.9 64.9
105 42.7 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 45.617 ng
RT: 15.51 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion:169 Resp: 1183386
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.6
167 36.2 29.3 43.9

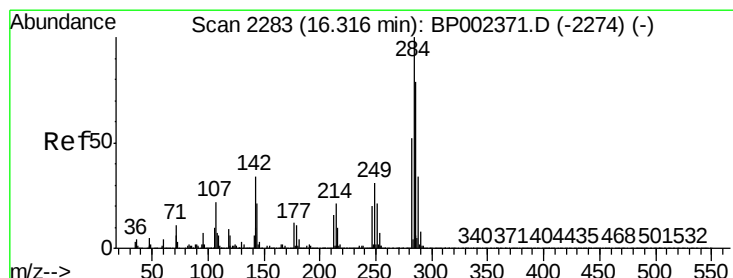
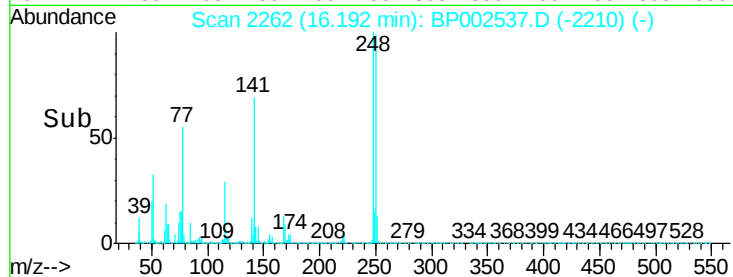
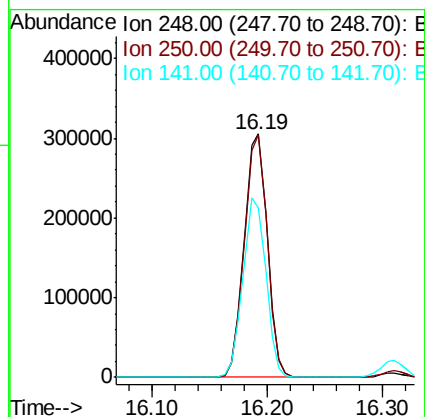
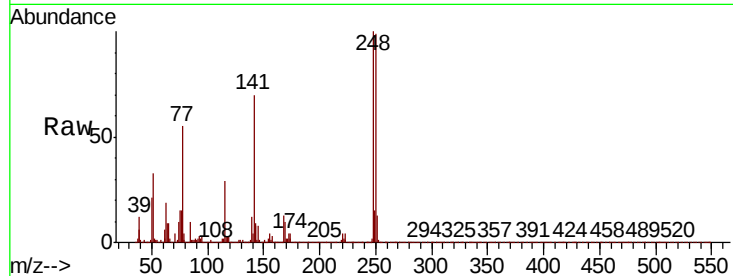




#67
4-Bromophenyl-phenylether
Concen: 44.147 ng
RT: 16.19 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

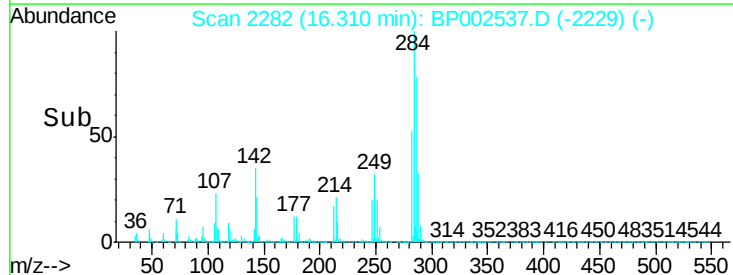
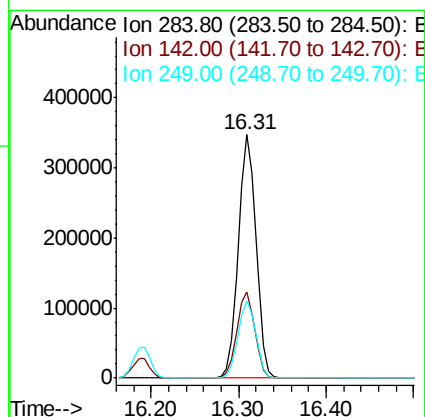
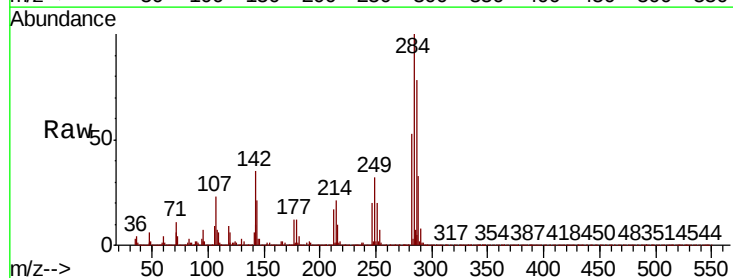
Instrument :
BNA_P
ClientSampleId :
PB129731BS

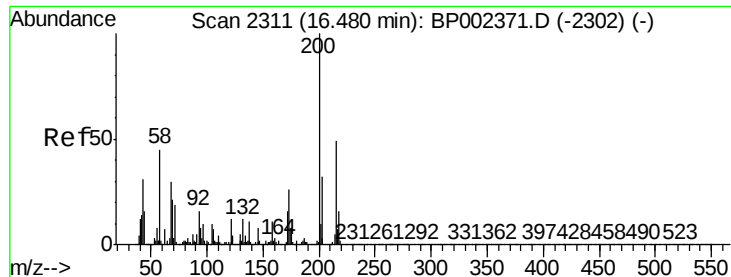
Tot Ion:248 Resp: 424696
Ion Ratio Lower Upper
248 100
250 99.4 77.7 116.5
141 69.6 55.1 82.7



#68
Hexachlorobenzene
Concen: 46.223 ng
RT: 16.31 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion:284 Resp: 471853
Ion Ratio Lower Upper
284 100
142 35.3 29.8 44.6
249 31.9 25.0 37.4





#69

Atrazine

Concen: 49.487 ng

RT: 16.47 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

BNA_P

ClientSampleId :

PB129731BS

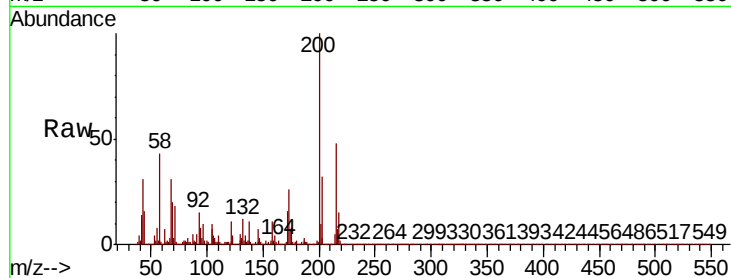
Tot Ion:200 Resp: 418798

Ion Ratio Lower Upper

200 100

173 25.7 5.5 45.5

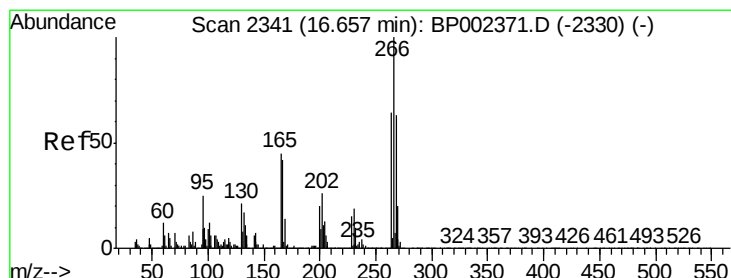
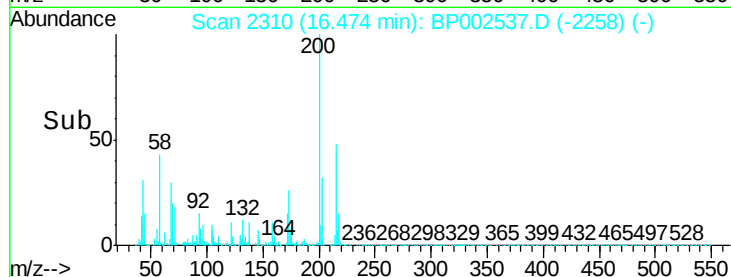
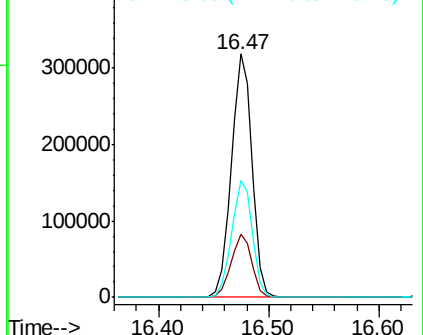
215 47.8 28.4 68.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 93.518 ng

RT: 16.66 min Scan# 2341

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

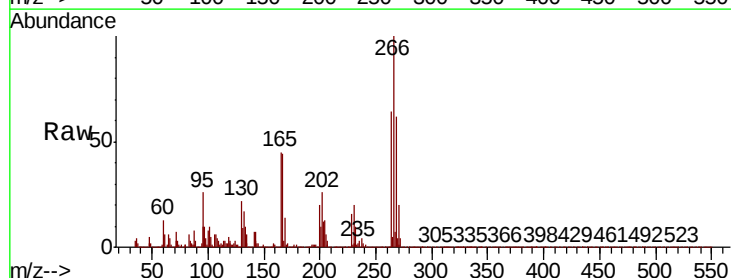
Tgt Ion:266 Resp: 571150

Ion Ratio Lower Upper

266 100

268 62.5 50.9 76.3

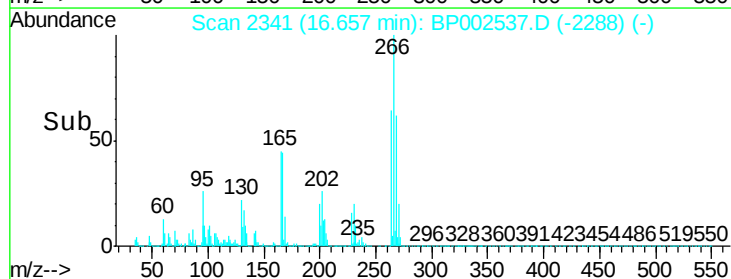
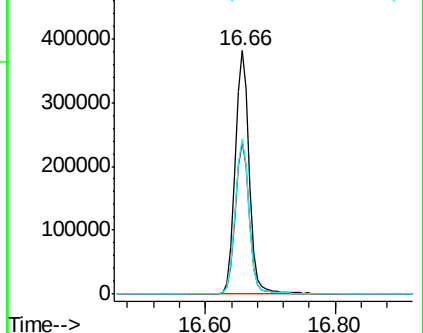
264 63.9 51.8 77.8

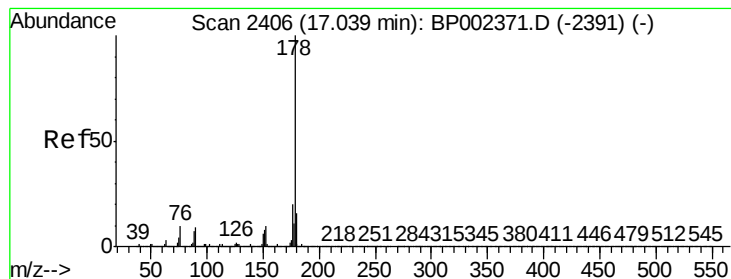


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.852 ng

RT: 17.04 min Scan# 2406

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

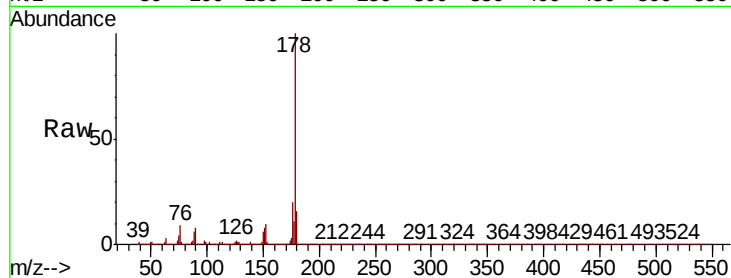
BNA_P

ClientSampleId :

PB129731BS

Tot Ion:178 Resp: 2130650

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.5	12.8	19.2

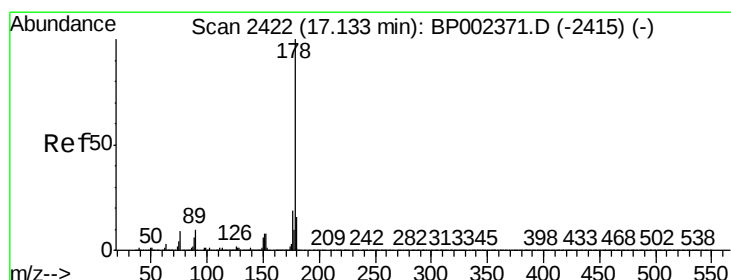
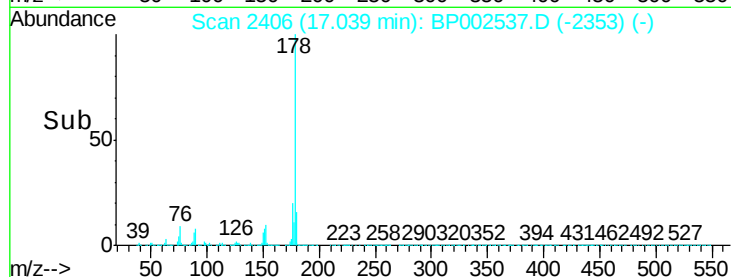
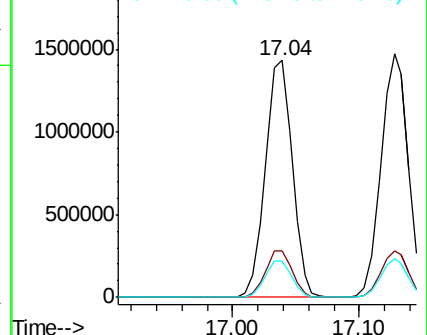


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.463 ng

RT: 17.13 min Scan# 2421

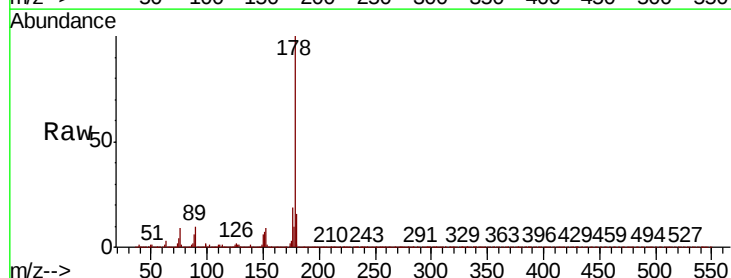
Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Tgt Ion:178 Resp: 2192610

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.7	12.3	18.5

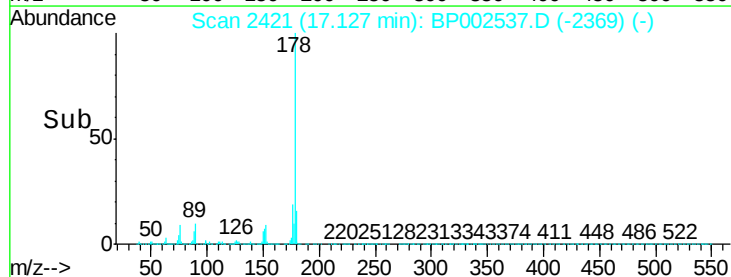
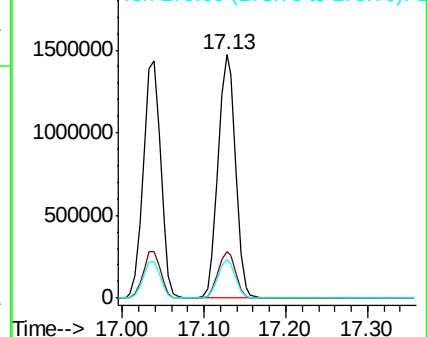


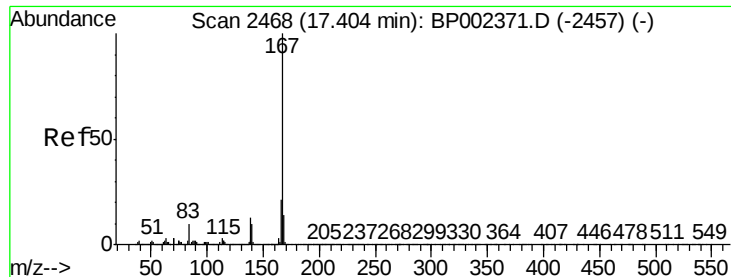
Abundance

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: 44.234 ng

RT: 17.40 min Scan# 2468

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

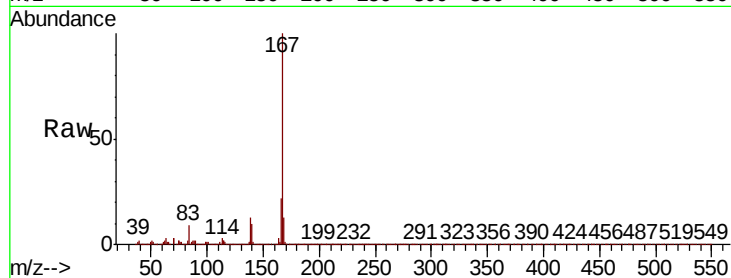
BNA_P

ClientSampleId :

PB129731BS

Tot Ion:167 Resp: 2053489

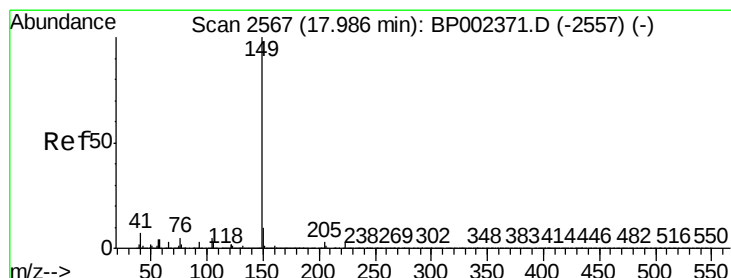
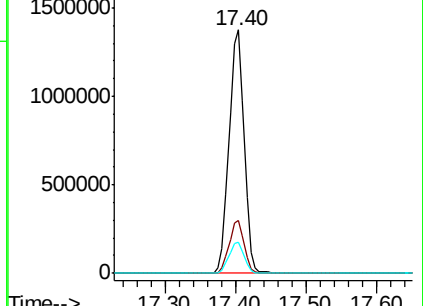
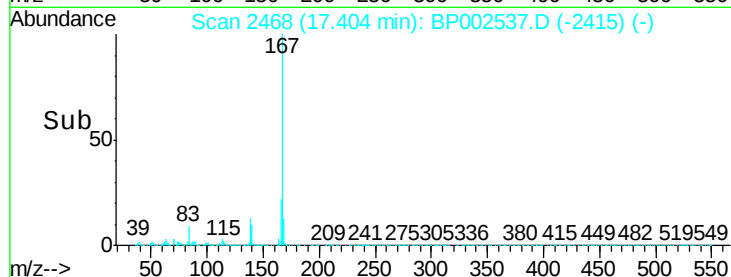
Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.6	25.0
139	12.9	10.2	15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.266 ng

RT: 17.98 min Scan# 2566

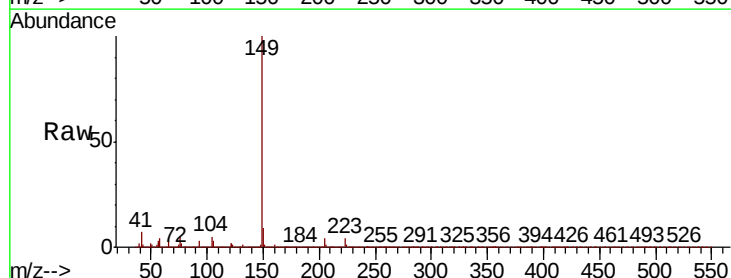
Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Tgt Ion:149 Resp: 2541741

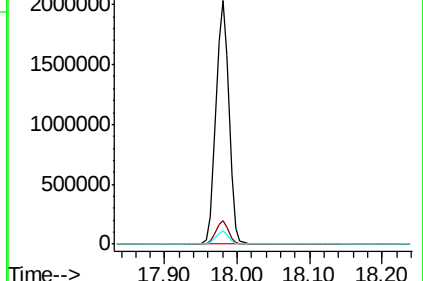
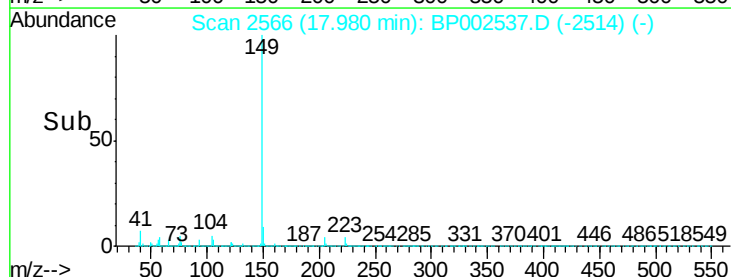
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.4	4.3	6.5

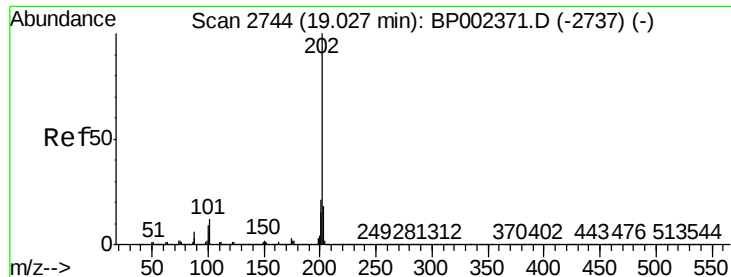


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.904 ng

RT: 19.02 min Scan# 2743

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

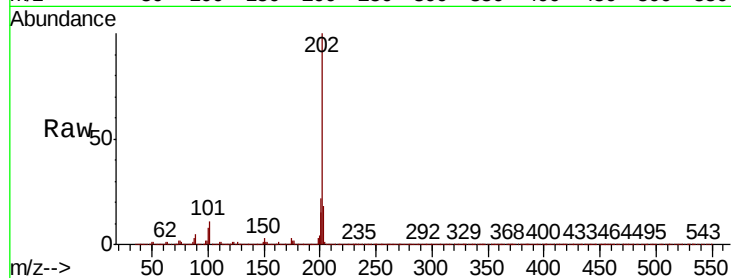
BNA_P

ClientSampleId :

PB129731BS

Tot Ion:202 Resp: 2659609

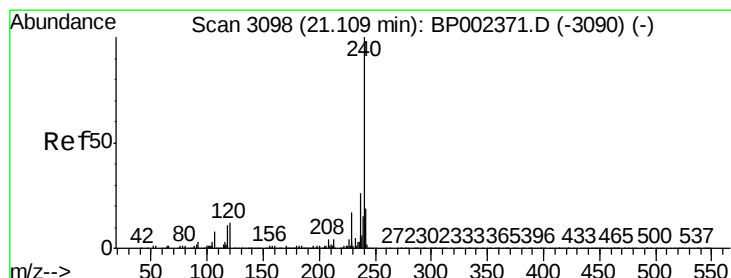
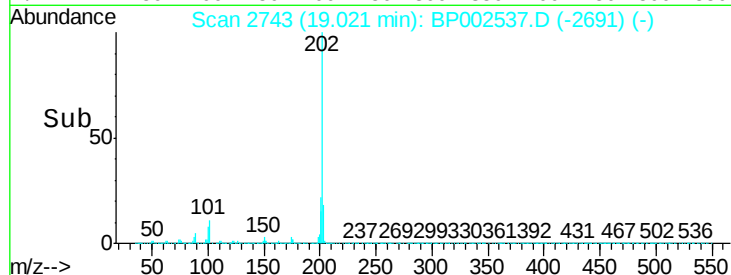
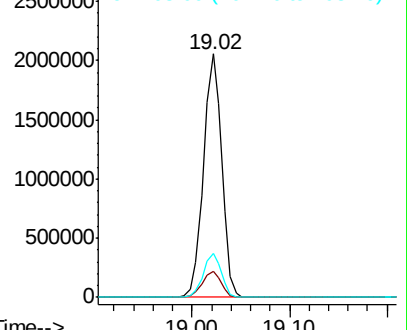
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.3
203	18.3	0.0	36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3097

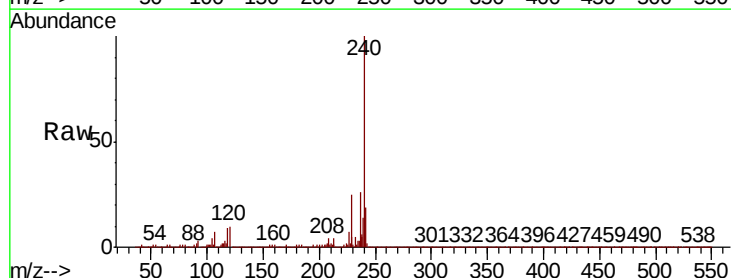
Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Tgt Ion:240 Resp: 924130

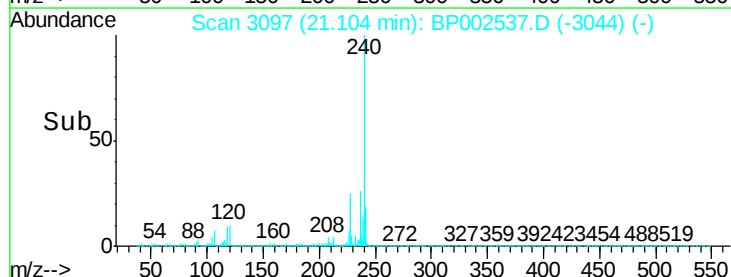
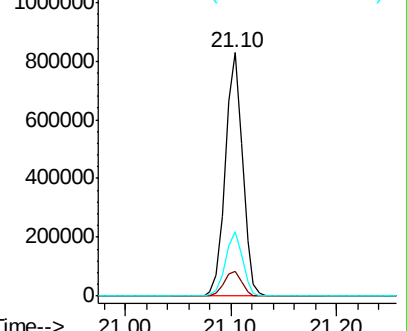
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	26.4	21.7	32.5

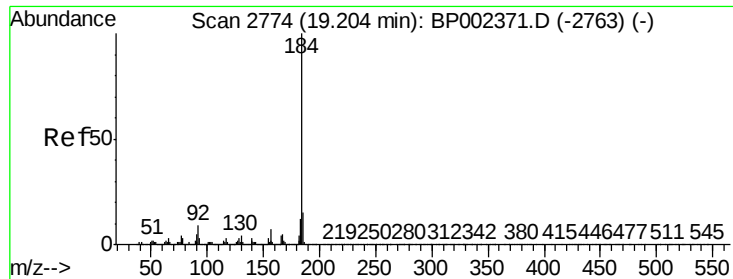


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 73.661 ng

RT: 19.20 min Scan# 2774

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

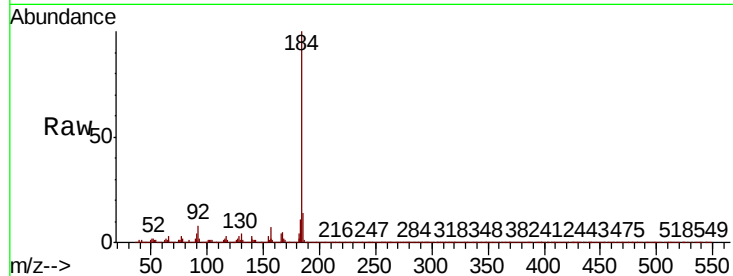
BNA_P

ClientSampleId :

PB129731BS

Tot Ion:184 Resp: 1521070

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.4	17.0
183	11.4	9.2	13.8

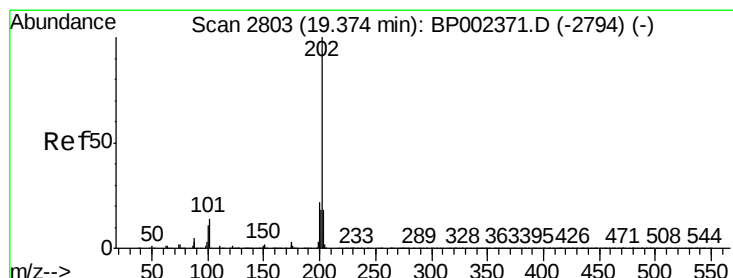
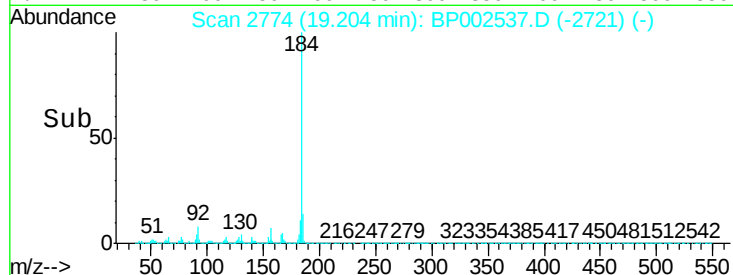
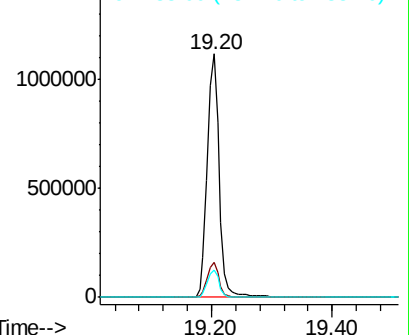


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.720 ng

RT: 19.37 min Scan# 2803

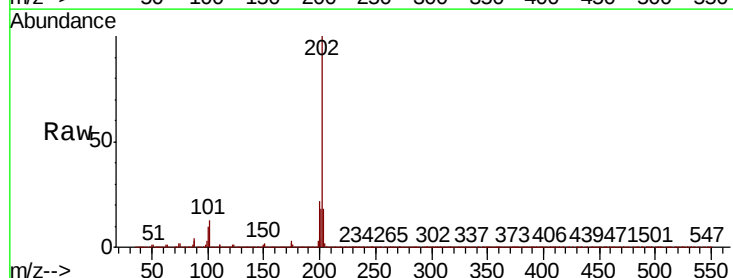
Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Tgt Ion:202 Resp: 2644613

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.8	14.1	21.1

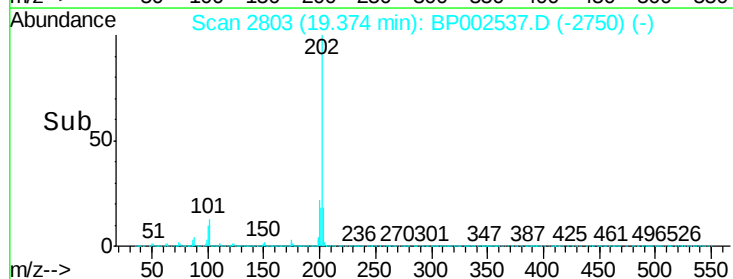
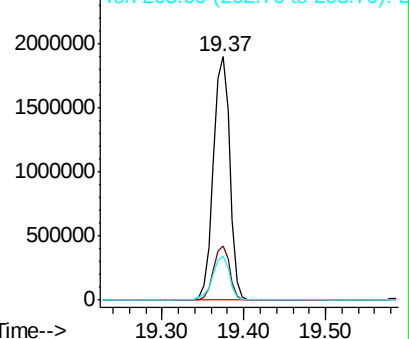


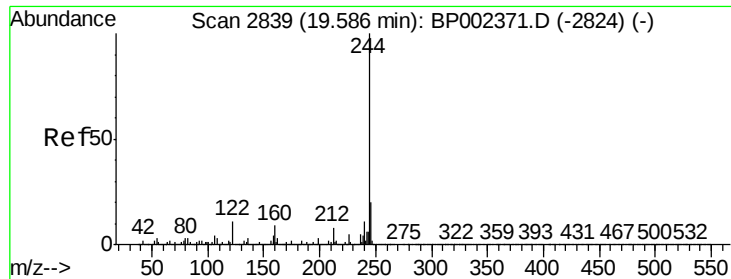
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.174 ng

RT: 19.58 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

BNA_P

ClientSampleId :

PB129731BS

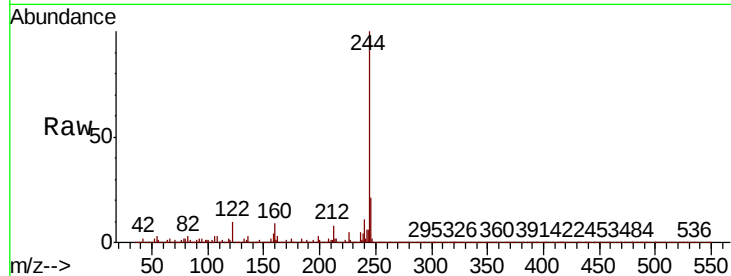
Tot Ion:244 Resp: 3181312

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

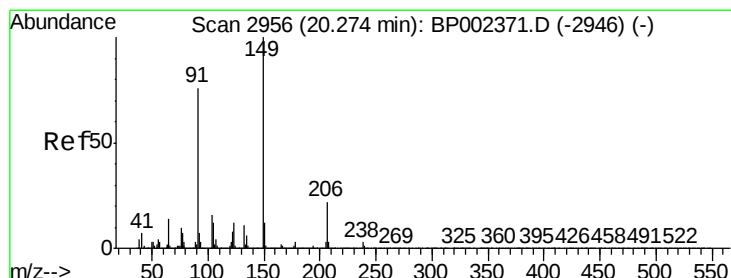
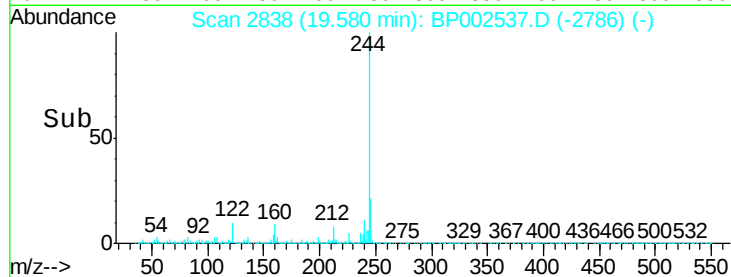
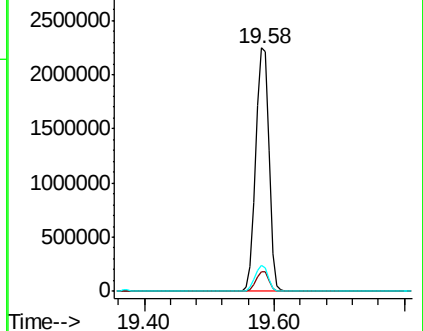
122 10.5 8.0 12.0



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: 46.959 ng

RT: 20.27 min Scan# 2955

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

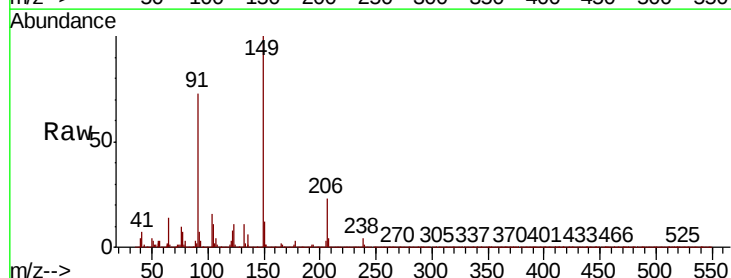
Tgt Ion:149 Resp: 1181625

Ion Ratio Lower Upper

149 100

91 72.5 60.7 91.1

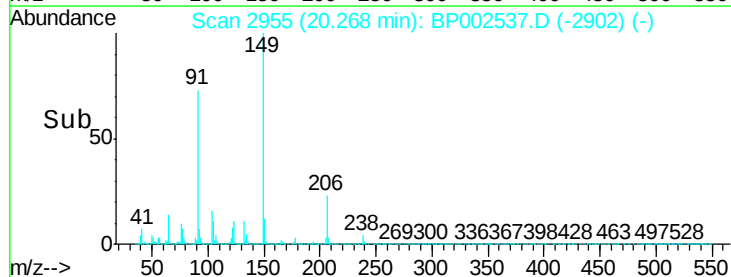
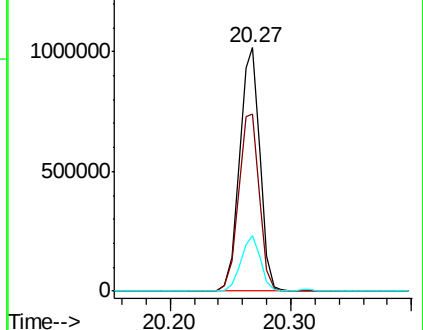
206 23.0 17.4 26.0

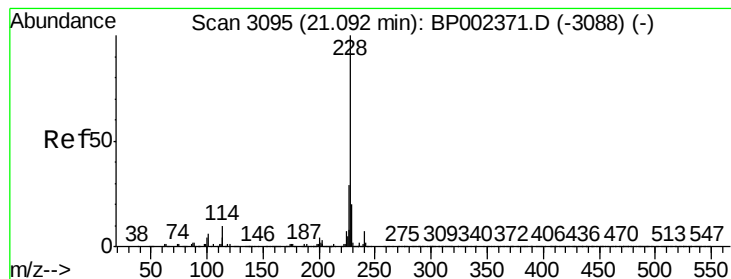


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.061 ng

RT: 21.09 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

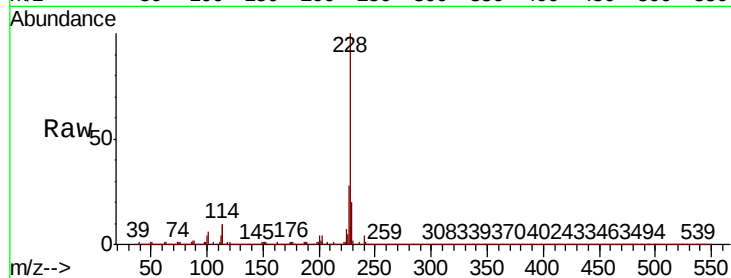
BNA_P

ClientSampleId :

PB129731BS

Tot Ion:228 Resp: 2376960

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	20.3	15.9	23.9

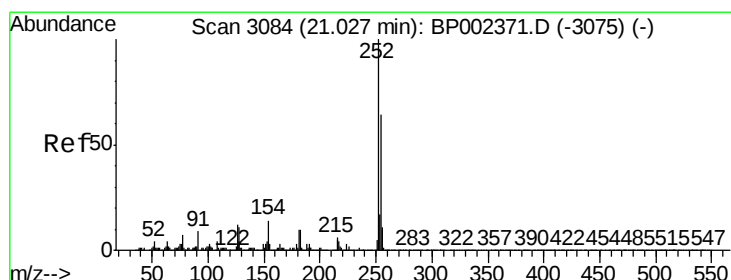
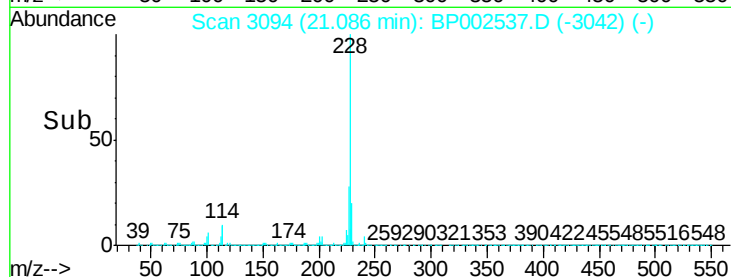
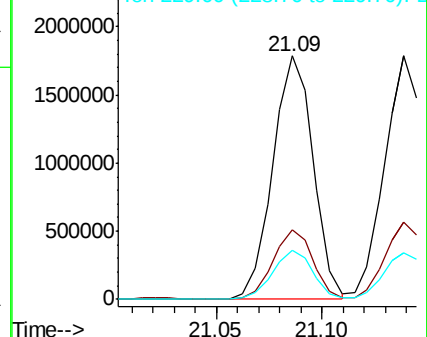


Abundance

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: 41.158 ng

RT: 21.02 min Scan# 3083

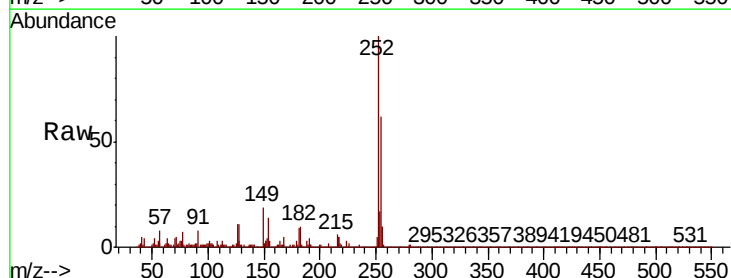
Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Tgt Ion:252 Resp: 806830

Ion	Ratio	Lower	Upper
252	100		
254	62.4	50.5	75.7
126	10.7	8.5	12.7

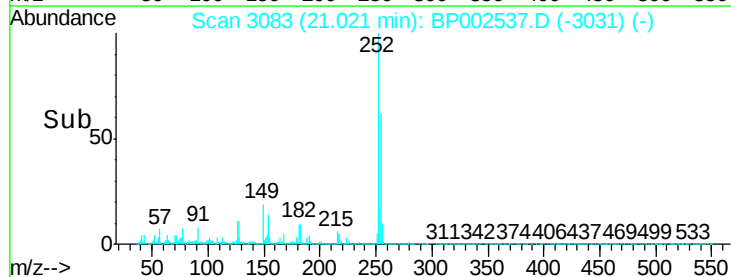
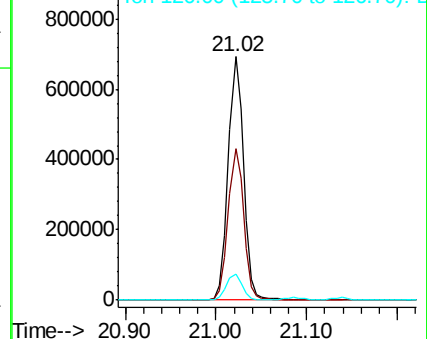


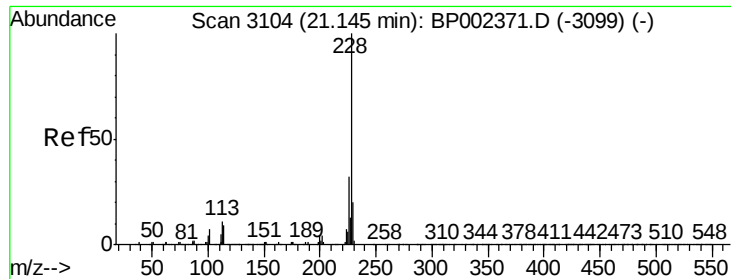
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

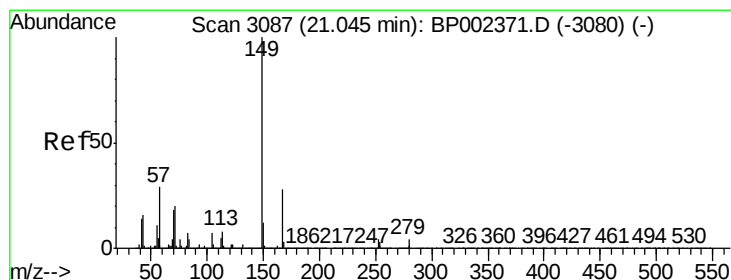
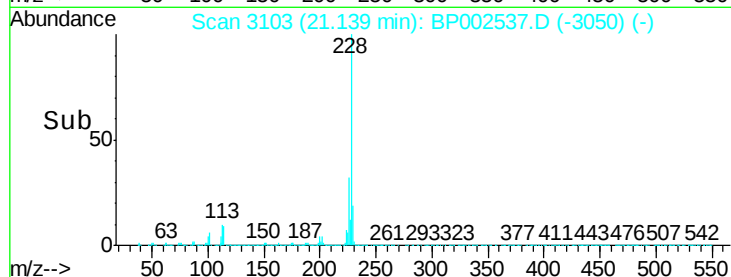
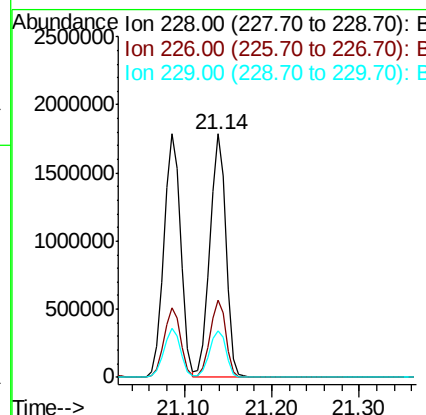
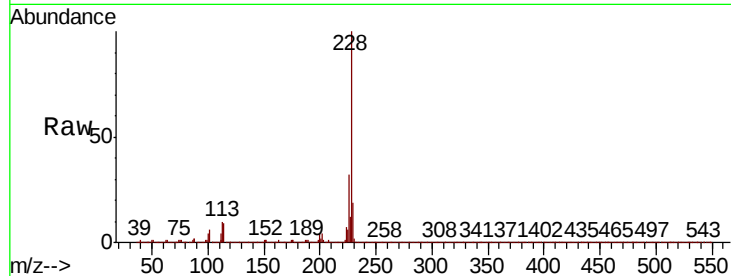




#83
Chrysene
Concen: 45.818 ng
RT: 21.14 min Scan# 3103
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

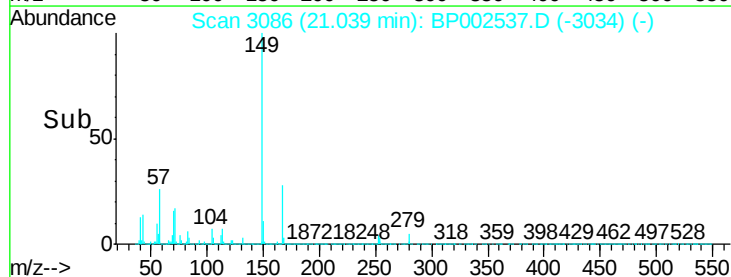
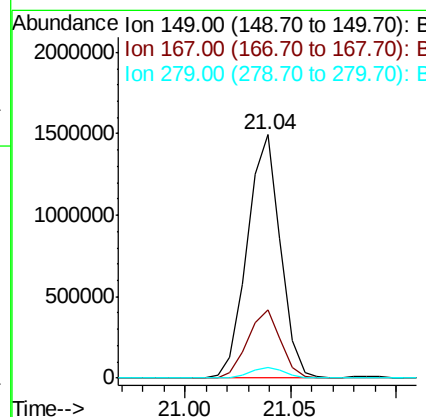
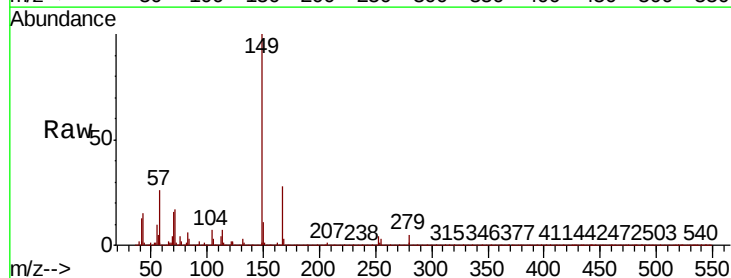
Instrument :
BNA_P
ClientSampleId :
PB129731BS

Tot Ion:228 Resp: 2289807
Ion Ratio Lower Upper
228 100
226 31.7 25.0 37.6
229 19.1 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.334 ng
RT: 21.04 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BP002537.D
Acq: 25 Jun 2020 10:10

Tgt Ion:149 Resp: 1622764
Ion Ratio Lower Upper
149 100
167 28.2 23.2 34.8
279 4.5 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 44.798 ng

RT: 21.90 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

BNA_P

ClientSampleId :

PB129731BS

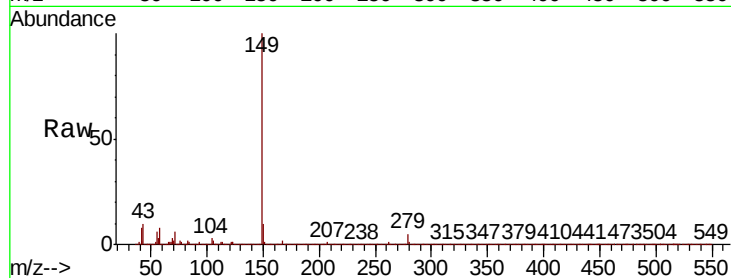
Tot Ion:149 Resp: 2876054

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

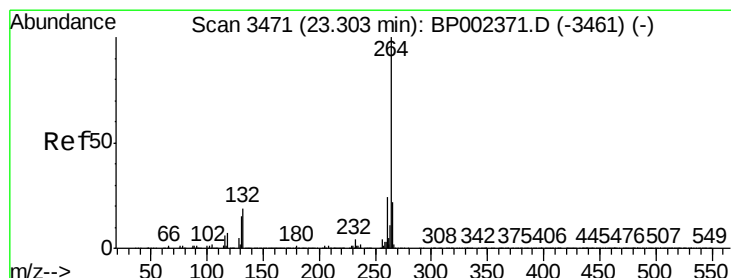
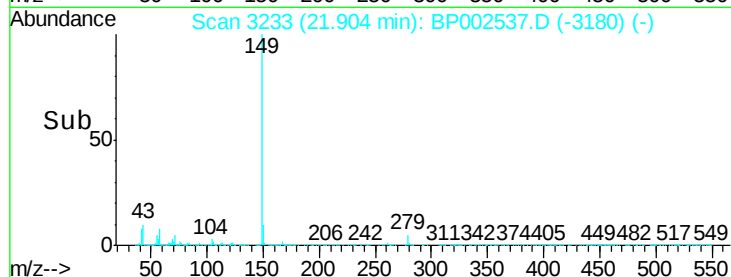
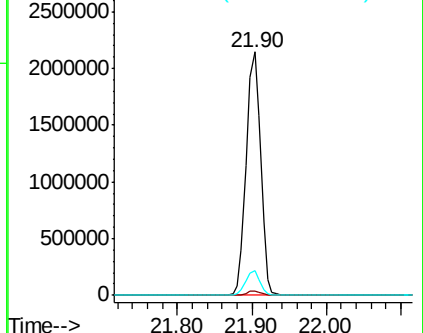
43 9.6 7.8 11.8



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: 23.30 min Scan# 3471

Delta R.T. 0.02 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

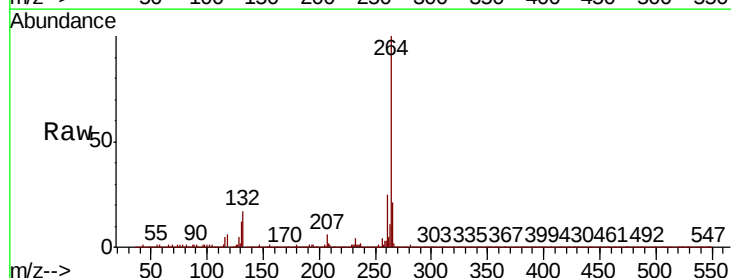
Tgt Ion:264 Resp: 1042526

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

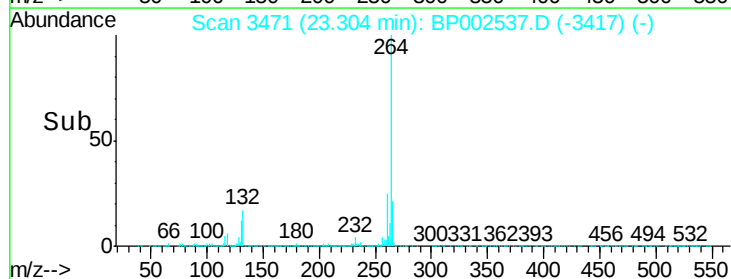
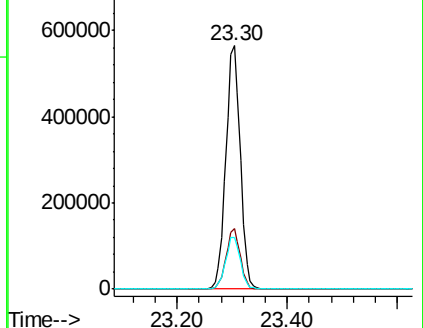
265 21.4 17.6 26.4

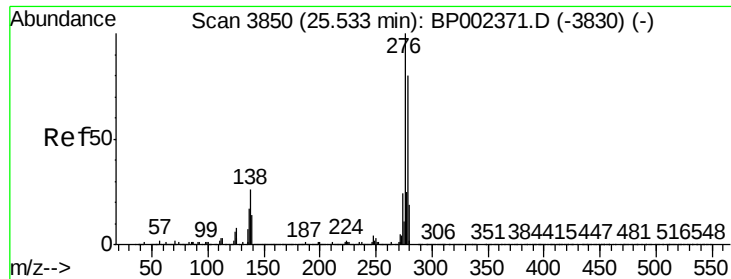


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



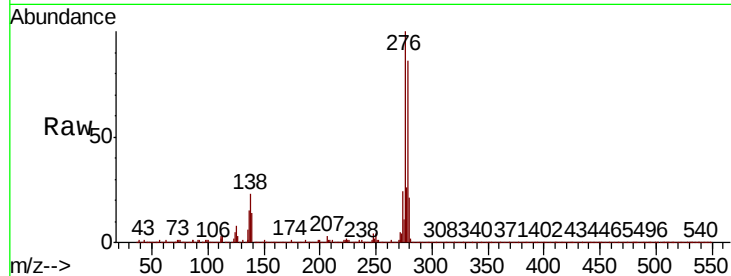


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.298 ng
 RT: 25.53 min Scan# 3850
 Delta R.T. 0.03 min
 Lab File: BP002537.D
 Acq: 25 Jun 2020 10:10

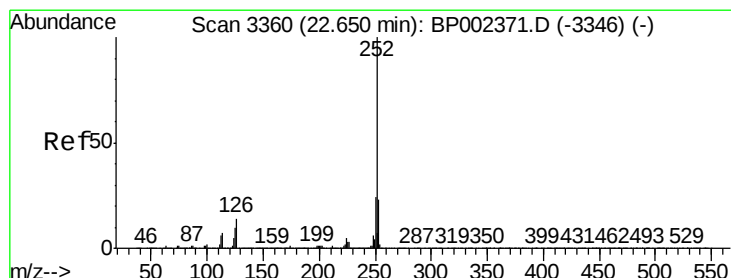
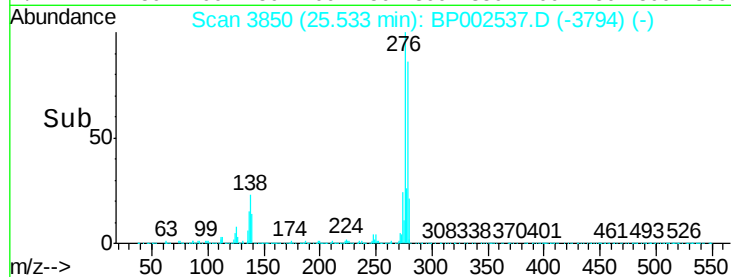
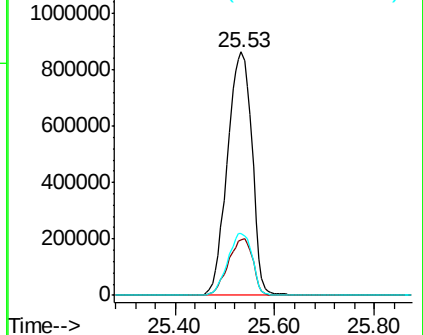
Instrument :
 BNA_P
 ClientSampleId :
 PB129731BS

Tot Ion:276 Resp: 2953765

Ion	Ratio	Lower	Upper
276	100		
138	23.3	19.4	29.0
277	25.4	20.4	30.6



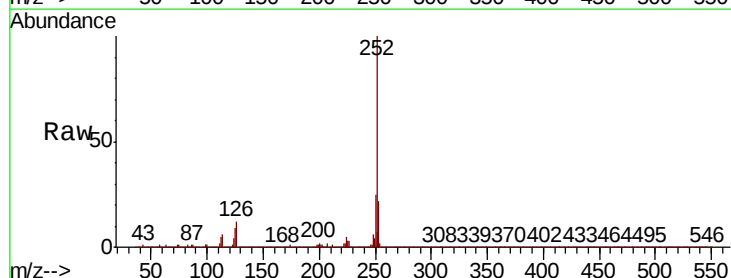
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



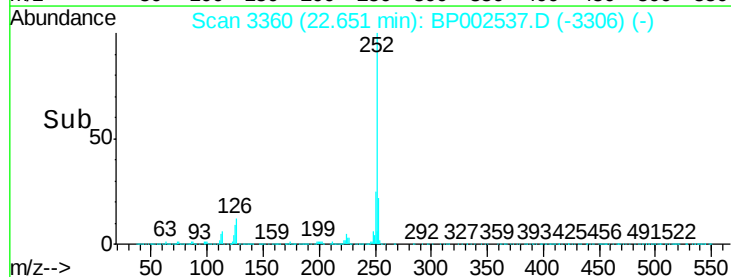
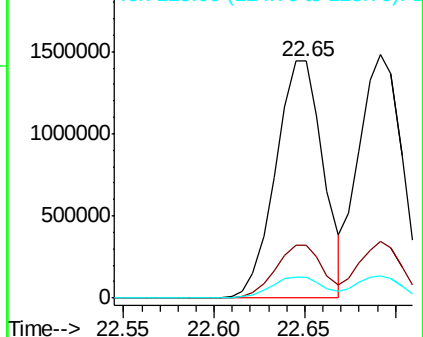
#88
 Benzo(b)fluoranthene
 Concen: 47.138 ng
 RT: 22.65 min Scan# 3360
 Delta R.T. 0.02 min
 Lab File: BP002537.D
 Acq: 25 Jun 2020 10:10

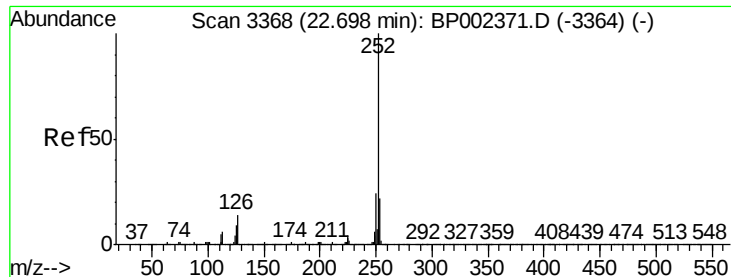
Tgt Ion:252 Resp: 2650099

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	8.9	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





#89

Benzo(k)fluoranthene

Concen: 46.126 ng

RT: 22.69 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

BNA_P

ClientSampleId :

PB129731BS

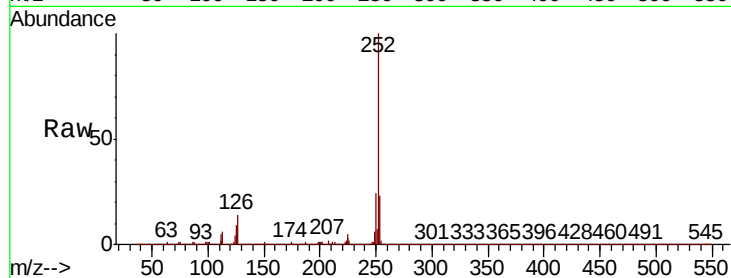
Tot Ion:252 Resp: 2463922

Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

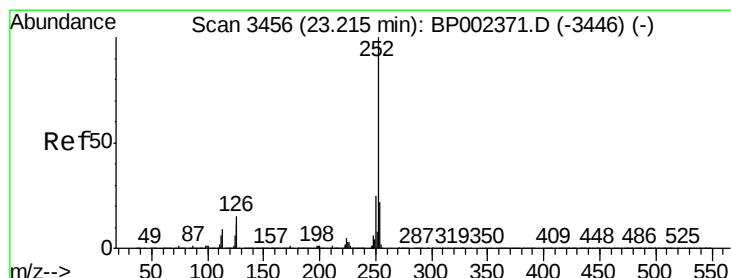
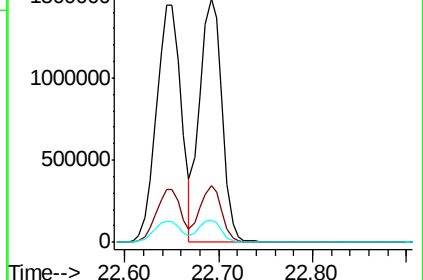
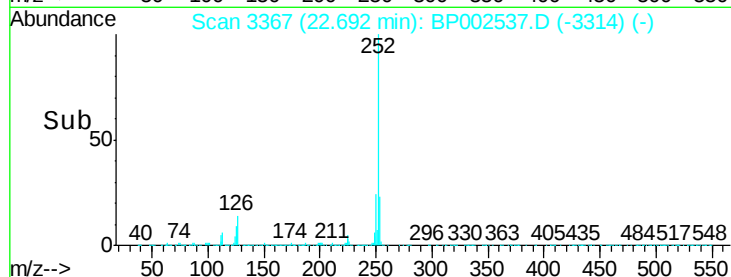
125 9.0 7.0 10.4



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: 45.547 ng

RT: 23.21 min Scan# 3455

Delta R.T. 0.02 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

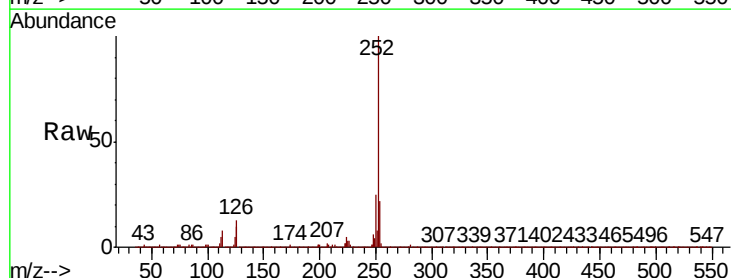
Tgt Ion:252 Resp: 2399692

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

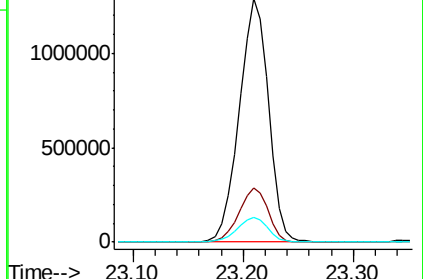
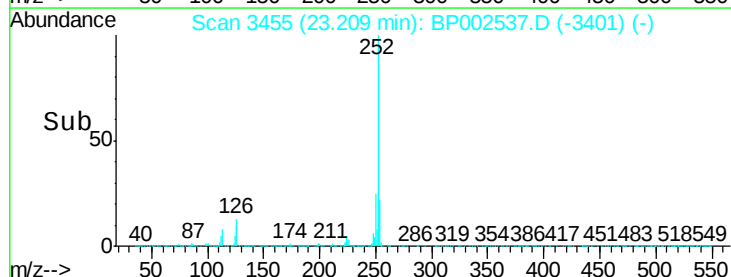
125 10.2 8.7 13.1

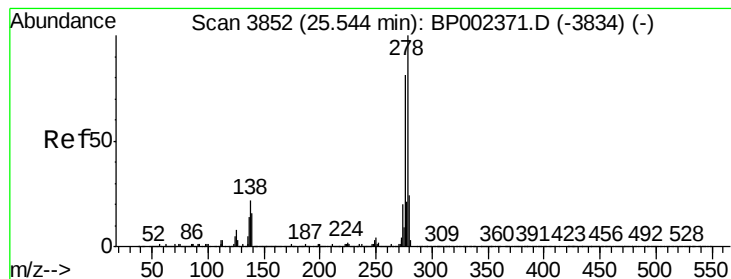


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.359 ng

RT: 25.54 min Scan# 3852

Delta R.T. 0.03 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

Instrument :

BNA_P

ClientSampleId :

PB129731BS

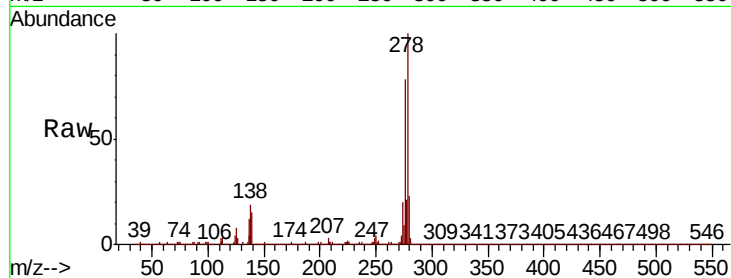
Tot Ion:278 Resp: 2424814

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.7	19.1
279	22.9	18.6	27.8

278 100

139 14.9 12.7 19.1

279 22.9 18.6 27.8

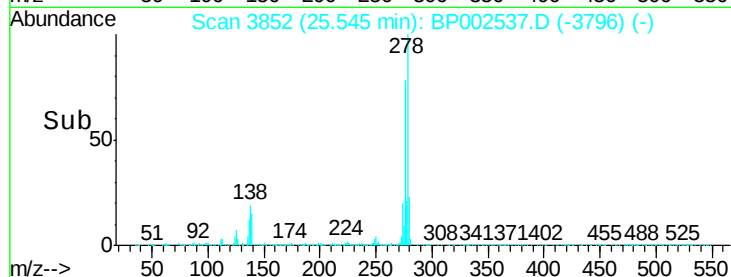


Abundance Ion 278.00 (277.70 to 278.70): E

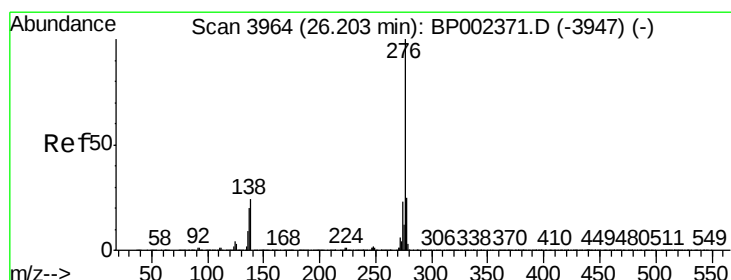
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

25.54



Time-->



#92

Benzo(g,h,i)perylene

Concen: 46.604 ng

RT: 26.20 min Scan# 3964

Delta R.T. 0.03 min

Lab File: BP002537.D

Acq: 25 Jun 2020 10:10

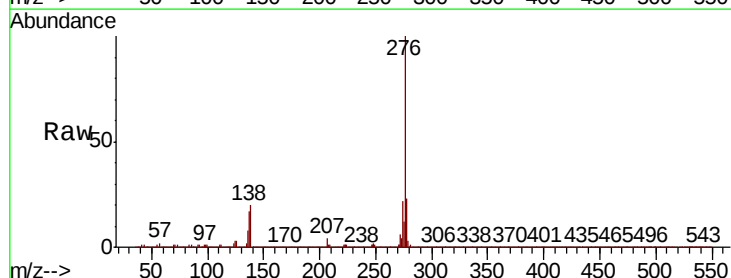
Tgt Ion:276 Resp: 2524704

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	20.4	17.6	26.4

276 100

277 23.4 18.7 28.1

138 20.4 17.6 26.4

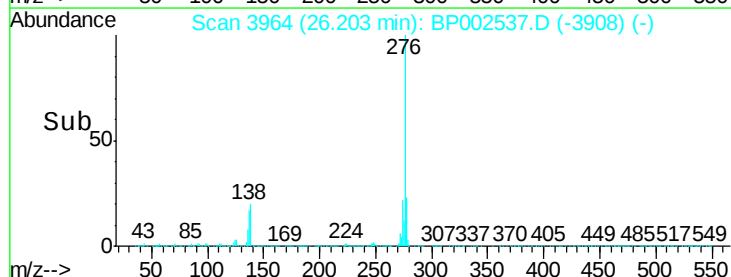


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

26.20



Time-->