

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
 Data File : BP002693.D
 Acq On : 09 Jul 2020 12:21
 Operator : CG/JU
 Sample : PB129997BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129997BS

Quant Time: Jul 09 13:55:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	210541	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	780907	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	435418	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	845839	20.00	ng	0.00
76) Chrysene-d12	21.09	240	718739	20.00	ng	0.00
86) Perylene-d12	23.29	264	765726	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1578261	126.92	ng	0.00
7) Phenol-d6	6.78	99	1983419	114.28	ng	0.00
23) Nitrobenzene-d5	8.72	82	1268227	83.68	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	549482	103.76	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2427422	82.05	ng	0.00
79) Terphenyl-d14	19.57	244	2935951	88.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	207822	38.994	ng	99
3) Pyridine	3.52	79	585568	37.071	ng	98
4) n-Nitrosodimethylamine	3.44	42	257385	38.386	ng	86
6) Aniline	6.90	93	798788	36.635	ng	98
8) 2-Chlorophenol	7.14	128	580003	41.989	ng	97
9) Benzaldehyde	6.72	77	202271	19.916	ng	98
10) Phenol	6.80	94	733407	41.902	ng	93
11) bis(2-Chloroethyl)ether	7.00	93	594858	41.409	ng	99
12) 1,3-Dichlorobenzene	7.46	146	638113	40.033	ng	99
13) 1,4-Dichlorobenzene	7.60	146	646218	39.795	ng	99
14) 1,2-Dichlorobenzene	7.92	146	603669	38.620	ng	99
15) Benzyl Alcohol	7.81	79	478825	36.715	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	811744	40.557	ng	99
17) 2-Methylphenol	8.03	107	476570	36.377	ng	96
18) Hexachloroethane	8.63	117	234971	40.092	ng	99
19) n-Nitroso-di-n-propylamine	8.38	70	406677	35.712	ng	98
20) 3+4-Methylphenols	8.36	107	626321	35.460	ng	98
22) Acetophenone	8.38	105	784839	39.708	ng	99
24) Nitrobenzene	8.76	77	645968	40.267	ng	99
25) Isophorone	9.28	82	1161772	38.246	ng	99
26) 2-Nitrophenol	9.46	139	305612	41.772	ng	97
27) 2,4-Dimethylphenol	9.55	122	484327	43.688	ng	95
28) bis(2-Chloroethoxy)methane	9.77	93	739219	42.364	ng	99
29) 2,4-Dichlorophenol	10.00	162	512706	40.128	ng	97
30) 1,2,4-Trichlorobenzene	10.21	180	576608	40.087	ng	99
31) Naphthalene	10.39	128	1653483	39.998	ng	99
32) Benzoic acid	9.71	122	256606	32.828	ng	98
33) 4-Chloroaniline	10.50	127	456965	25.271	ng	99
34) Hexachlorobutadiene	10.69	225	332904	37.812	ng	98
35) Caprolactam	11.27	113	157611	36.698	ng	91
36) 4-Chloro-3-methylphenol	11.66	107	522454	37.309	ng	99
37) 2-Methylnaphthalene	12.02	142	1151960	38.218	ng	97
38) 1-Methylnaphthalene	12.23	142	1081581	38.100	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	567848	41.766	ng	99

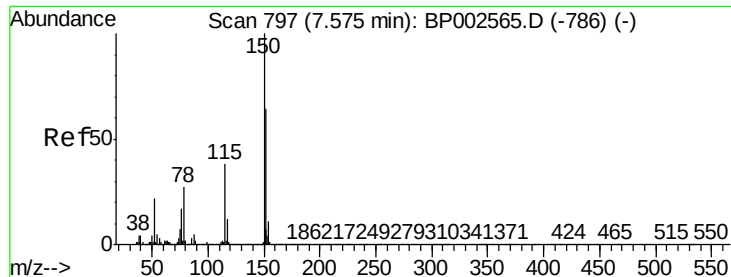
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	574013	80.830	nq	95
43) 2,4,6-Trichlorophenol	12.65	196	380745	41.388	nq	97
44) 2,4,5-Trichlorophenol	12.73	196	401519	37.915	nq	97
46) 1,1'-Biphenyl	13.05	154	1376978	41.807	nq	99
47) 2-Chloronaphthalene	13.08	162	1102364	41.116	nq	96
48) 2-Nitroaniline	13.29	65	335158	39.185	nq	94
49) Acenaphthylene	13.93	152	1690970	40.075	nq	97
50) Dimethylphthalate	13.69	163	1291130	37.754	nq	100
51) 2,6-Dinitrotoluene	13.80	165	287034	38.862	nq	98
52) Acenaphthene	14.28	154	1001206	40.217	nq	98
53) 3-Nitroaniline	14.13	138	234645	29.177	nq	99
54) 2,4-Dinitrophenol	14.35	184	256918	57.618	nq	89
55) Dibenzofuran	14.62	168	1586154	39.316	nq	99
56) 4-Nitrophenol	14.48	139	435001	68.869	nq	87
57) 2,4-Dinitrotoluene	14.60	165	381406	38.388	nq	97
58) Fluorene	15.27	166	1166405	37.962	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	336975	39.390	nq	99
60) Diethylphthalate	15.06	149	1250315	36.767	nq	99
61) 4-Chlorophenyl-phenylether	15.27	204	611679	37.122	nq	94
62) 4-Nitroaniline	15.30	138	300707	37.411	nq	89
63) Azobenzene	15.57	77	1322232	40.212	nq	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	202201	37.754	nq	97
66) n-Nitrosodiphenylamine	15.49	169	1082245	43.830	nq	99
67) 4-Bromophenyl-phenylether	16.17	248	383118	40.307	nq	94
68) Hexachlorobenzene	16.29	284	413717	40.629	nq	99
69) Atrazine	16.46	200	339437	42.842	nq	97
70) Pentachlorophenol	16.65	266	402696	69.558	nq	98
71) Phenanthrene	17.02	178	1899491	41.738	nq	100
72) Anthracene	17.11	178	1928250	42.579	nq	100
73) Carbazole	17.39	167	1750263	39.990	nq	98
74) Di-n-butylphthalate	17.96	149	2044448	39.664	nq	99
75) Fluoranthene	19.01	202	2134009	38.739	nq	99
77) Benzidine	19.19	184	1109385	Below	Cal	99
78) Pyrene	19.36	202	2174808	44.454	nq	99
80) Butylbenzylphthalate	20.25	149	899950	42.136	nq	98
81) Benzo(a)anthracene	21.07	228	1934533	41.170	nq	99
82) 3,3'-Dichlorobenzidine	21.01	252	630892	36.673	nq	95
83) Chrysene	21.13	228	1887025	41.880	nq	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1258605	41.038	nq	98
85) Di-n-octyl phthalate	21.89	149	2229422	41.157	nq	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	2540331	46.076	nq	97
88) Benzo(b)fluoranthene	22.63	252	2040611	41.764	nq	99
89) Benzo(k)fluoranthene	22.67	252	1951979	42.824	nq	97
90) Benzo(a)pyrene	23.19	252	1894848	42.260	nq	97
91) Dibenzo(a,h)anthracene	25.51	278	2119357	47.043	nq	98
92) Benzo(g,h,i)perylene	26.17	276	2132197	47.323	nq	97

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

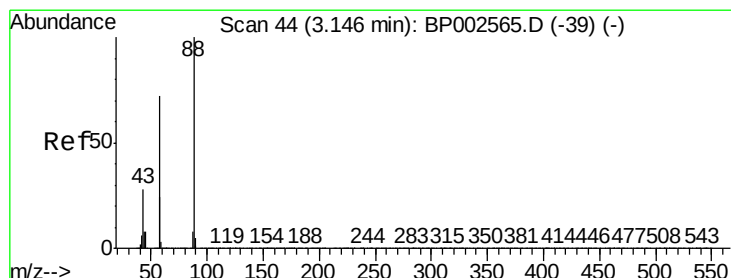
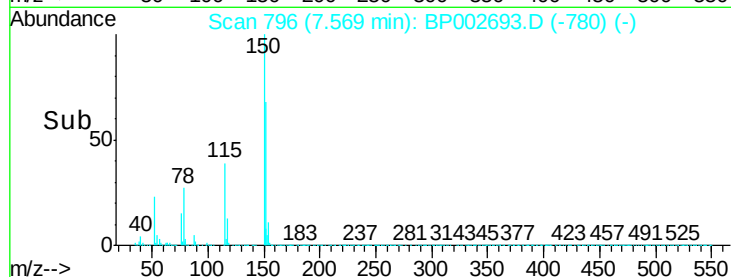
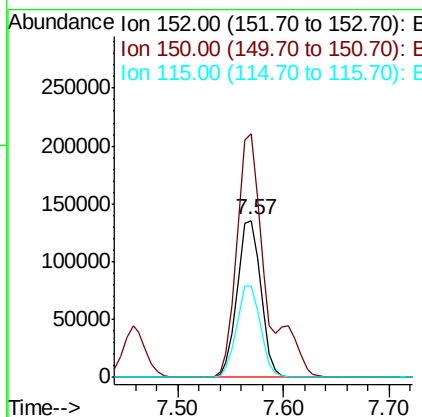
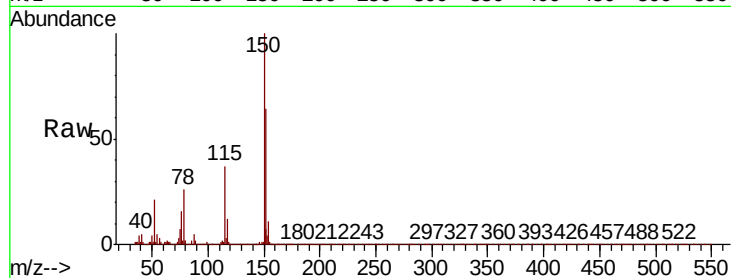


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Instrument :
BNA_P
ClientSampled :
PB129997BS

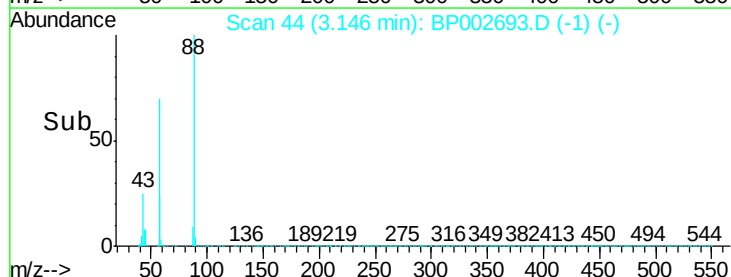
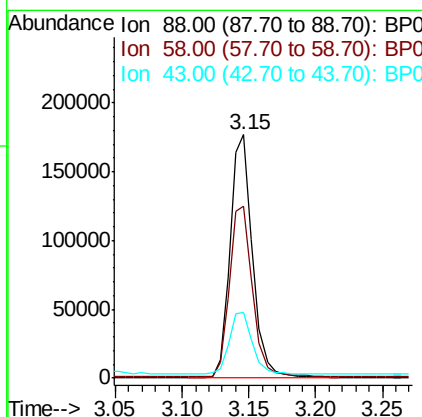
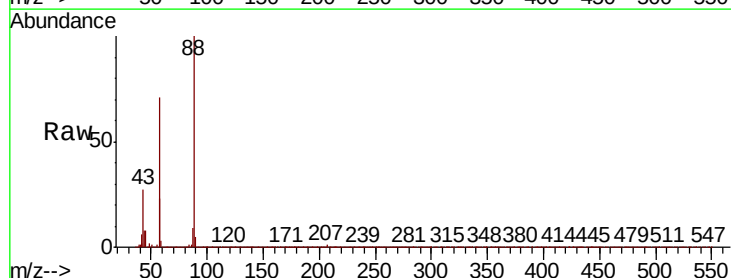
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.2	186.2
115	57.9	47.1	70.7

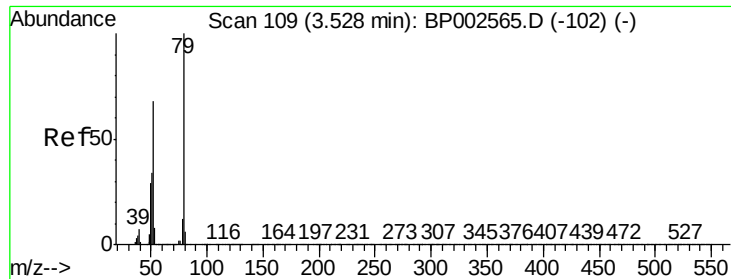


#2

1,4-Dioxane
Concen: 38.994 ng
RT: 3.15 min Scan# 44
Delta R.T. 0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	58.1	87.1
43	27.3	23.2	34.8





#3

Pvridine

Concen: 37.071 ng

RT: 3.52 min Scan# 108

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Instrument :

BNA_P

ClientSampleId :

PB129997BS

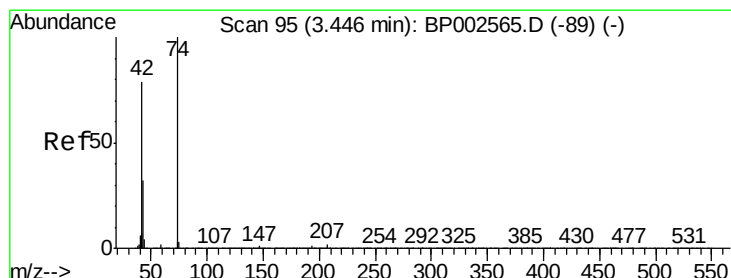
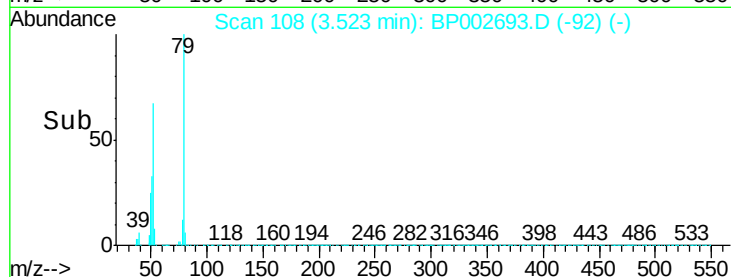
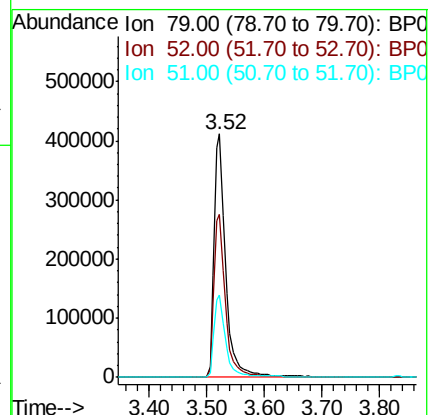
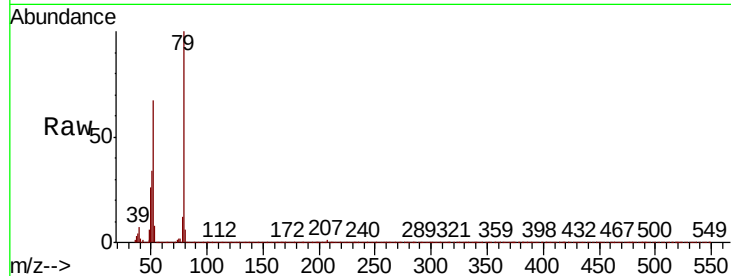
Tot Ion: 79 Resp: 585568

Ion Ratio Lower Upper

79 100

52 66.8 54.5 81.7

51 33.6 27.8 41.6



#4

n-Nitrosodimethylamine

Concen: 38.386 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

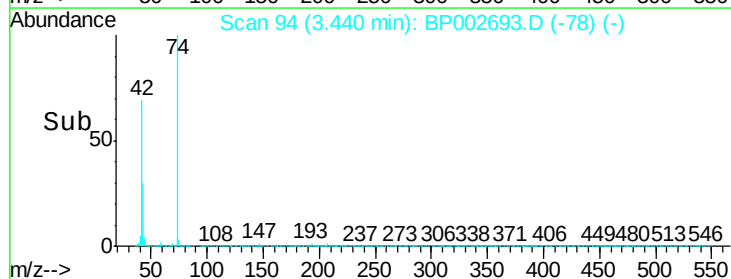
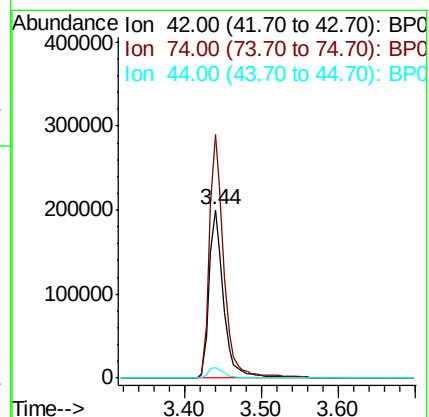
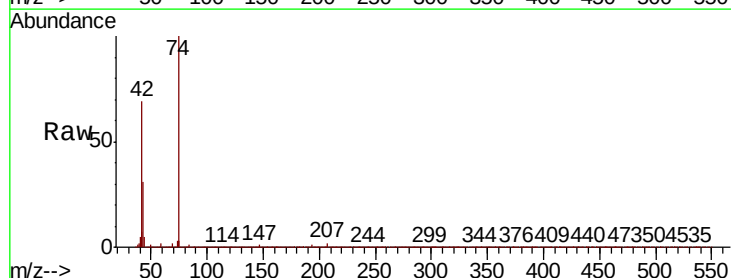
Tgt Ion: 42 Resp: 257385

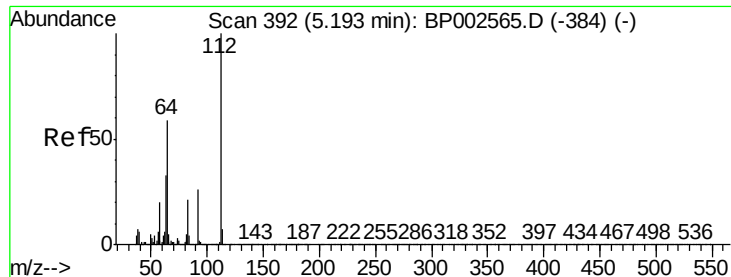
Ion Ratio Lower Upper

42 100

74 144.4 101.7 152.5

44 6.6 4.9 7.3





#5

2-Fluorophenol

Concen: 126.919 ng

RT: 5.20 min Scan# 393

Delta R.T. 0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Instrument :

BNA_P

ClientSampleId :

PB129997BS

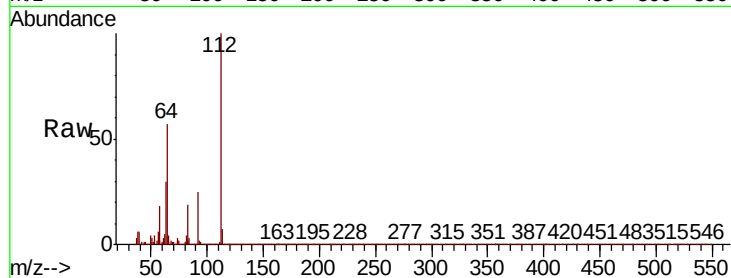
Tot Ion:112 Resp: 1578261

Ion Ratio Lower Upper

112 100

64 57.0 47.0 70.6

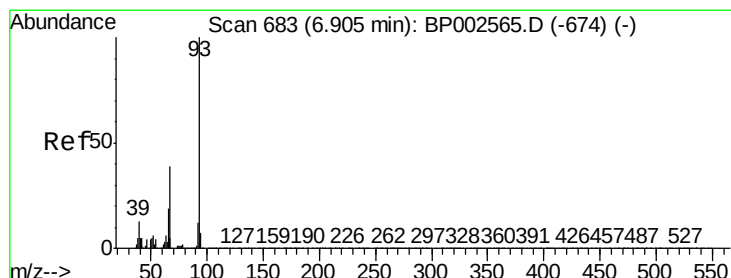
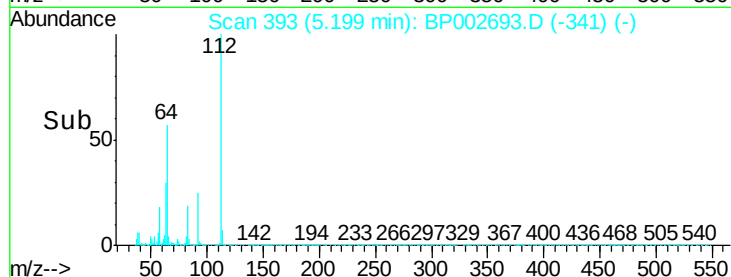
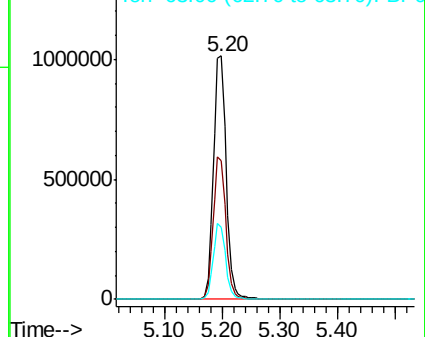
63 29.6 26.1 39.1



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



#6

Aniline

Concen: 36.635 ng

RT: 6.90 min Scan# 682

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

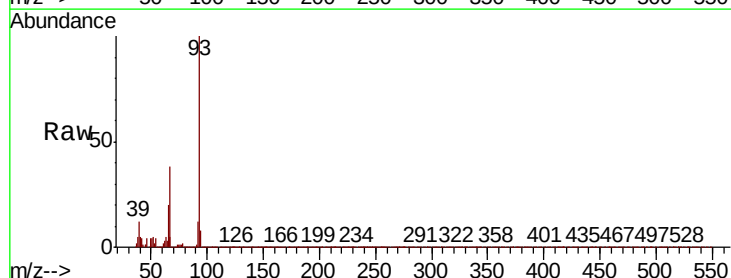
Tgt Ion: 93 Resp: 798788

Ion Ratio Lower Upper

93 100

66 38.2 31.6 47.4

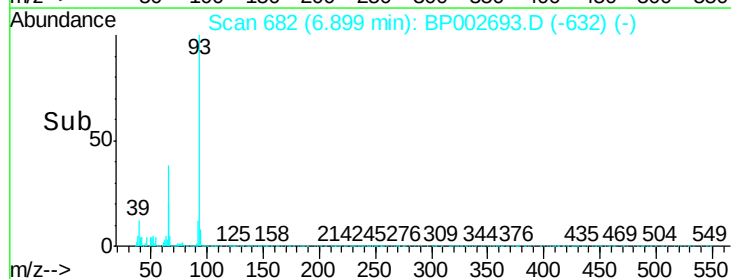
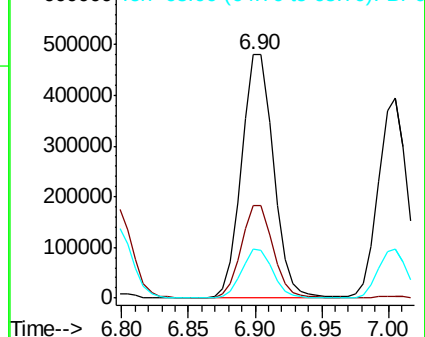
65 20.0 15.7 23.5

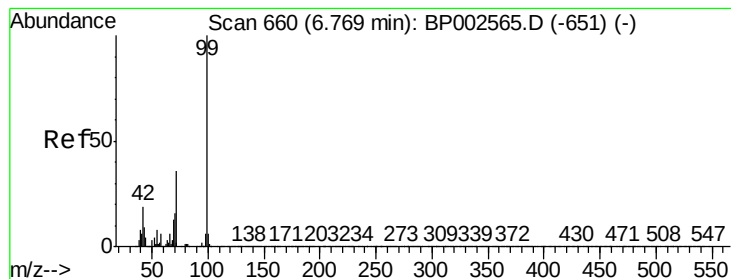


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 114.277 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Instrument :

BNA_P

ClientSampleId :

PB129997BS

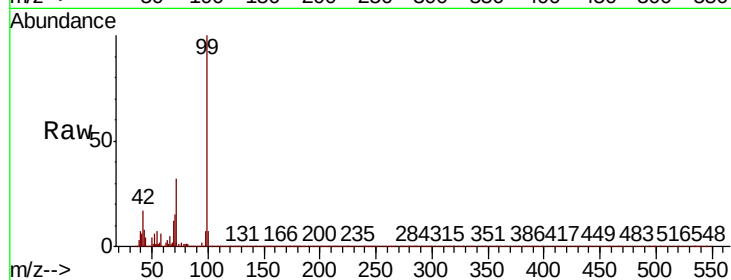
Tot Ion: 99 Resp: 1983419

Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.5	23.3
71	32.2	28.9	43.3

99 100

42 17.2 15.5 23.3

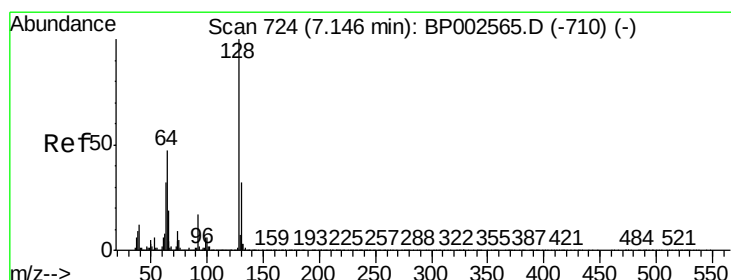
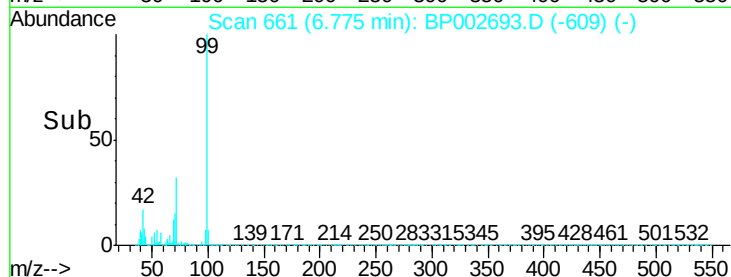
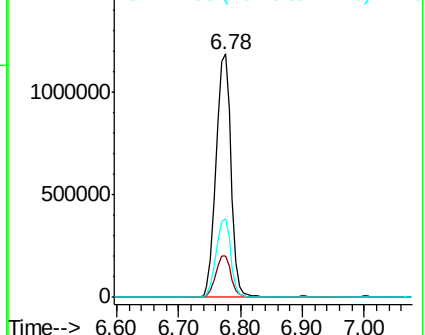
71 32.2 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 41.989 ng

RT: 7.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

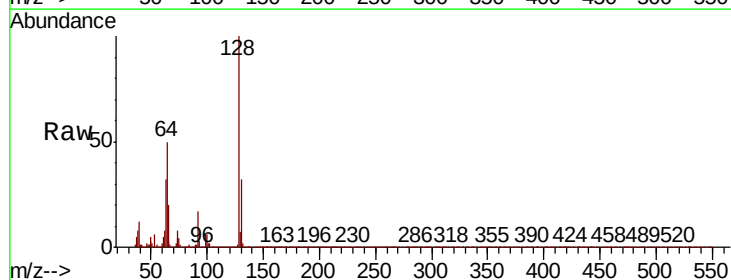
Tgt Ion: 128 Resp: 580003

Ion	Ratio	Lower	Upper
128	100		
130	31.8	11.8	51.8
64	49.9	26.9	66.9

128 100

130 31.8 11.8 51.8

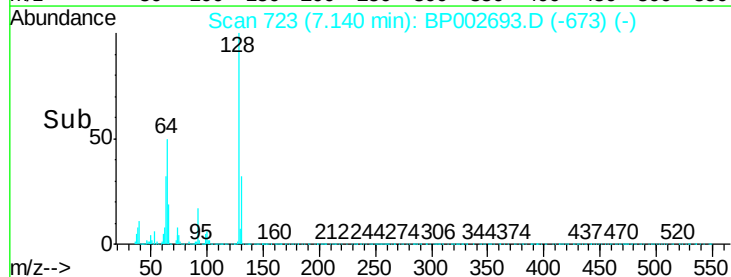
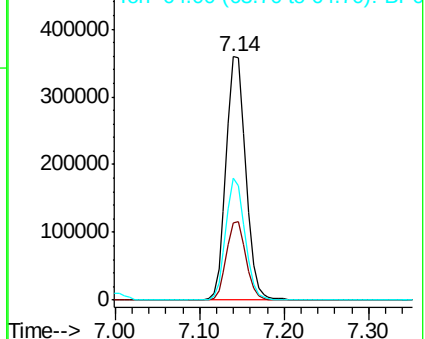
64 49.9 26.9 66.9

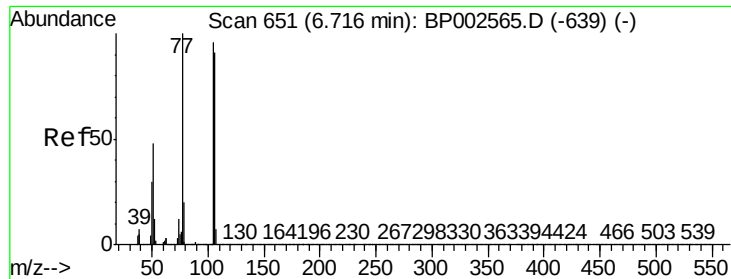


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 19.916 ng

RT: 6.72 min Scan# 651

Delta R.T. 0.00 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Instrument :

BNA_P

ClientSampleId :

PB129997BS

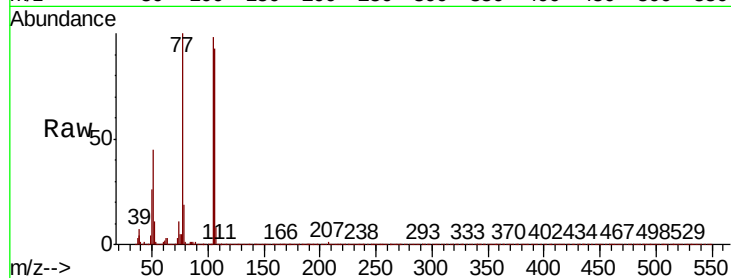
Tot Ion: 77 Resp: 202271

Ion Ratio Lower Upper

77 100

105 98.5 76.5 116.5

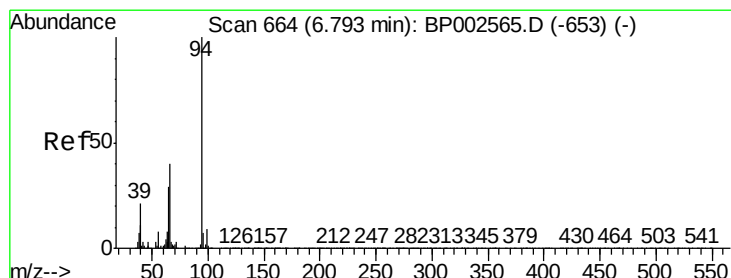
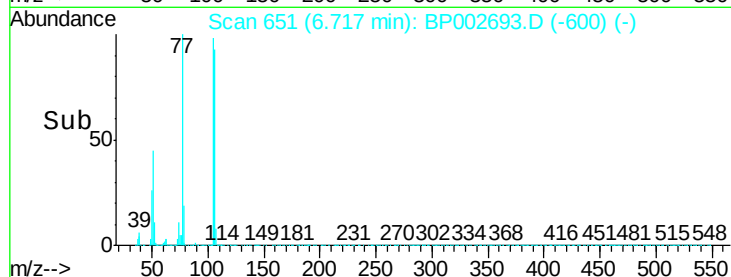
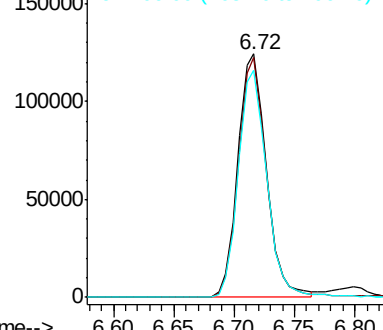
106 93.2 70.9 110.9



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: 41.902 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

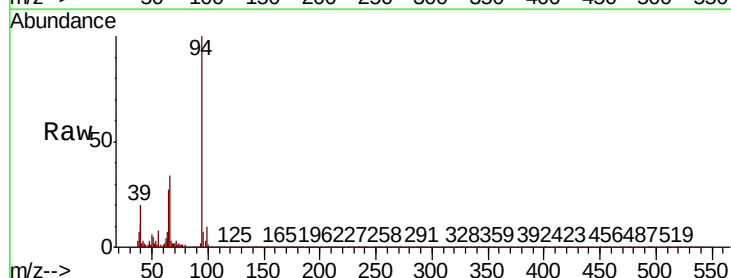
Tgt Ion: 94 Resp: 733407

Ion Ratio Lower Upper

94 100

65 26.6 8.8 48.8

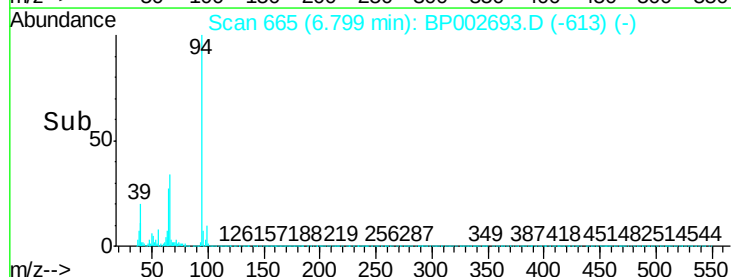
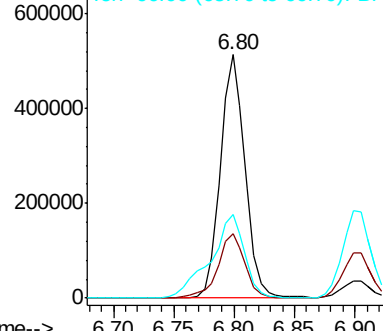
66 34.1 19.9 59.9

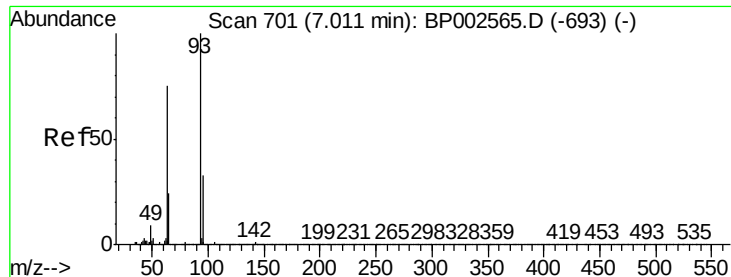


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#11

bis(2-Chloroethyl)ether

Concen: 41.409 ng

RT: 7.00 min Scan# 700

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Instrument :

BNA_P

ClientSampleId :

PB129997BS

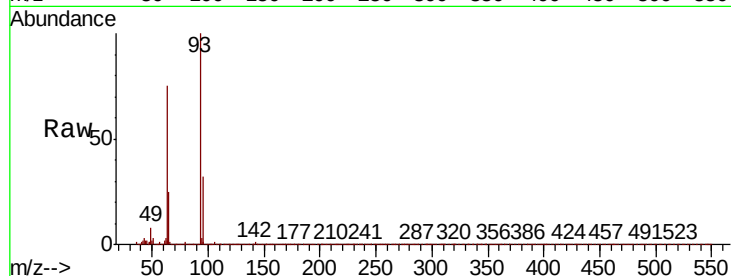
Tot Ion: 93 Resp: 594858

Ion Ratio Lower Upper

93 100

63 75.1 54.5 94.5

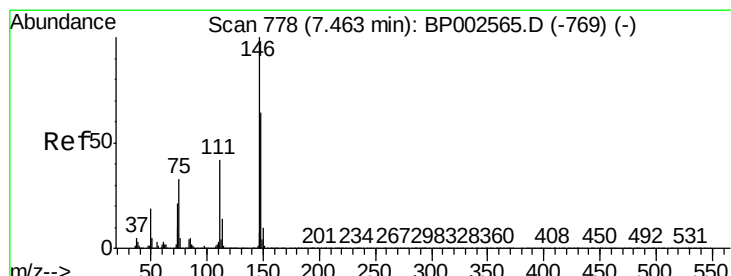
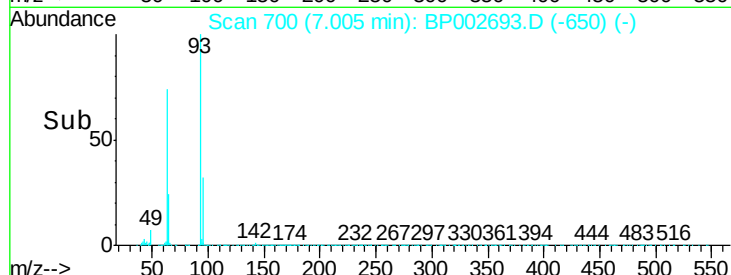
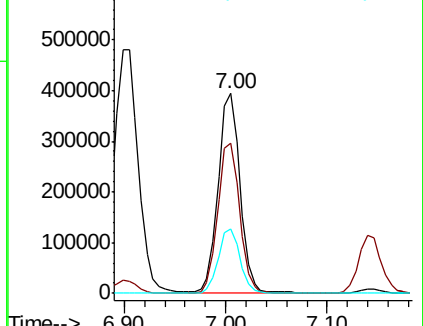
95 32.2 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BP002693.D (-650) (-)

Ion 63.00 (62.70 to 63.70): BP002693.D (-650) (-)

Ion 95.00 (94.70 to 95.70): BP002693.D (-650) (-)



#12

1,3-Dichlorobenzene

Concen: 40.033 ng

RT: 7.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

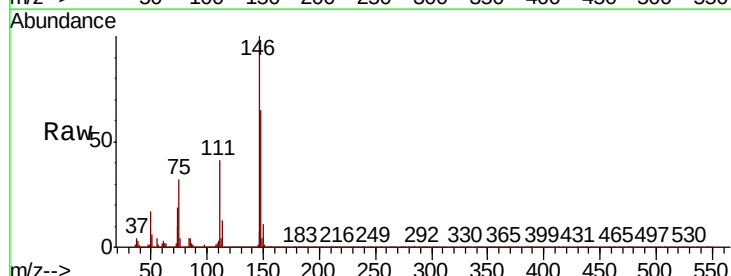
Tgt Ion: 146 Resp: 638113

Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

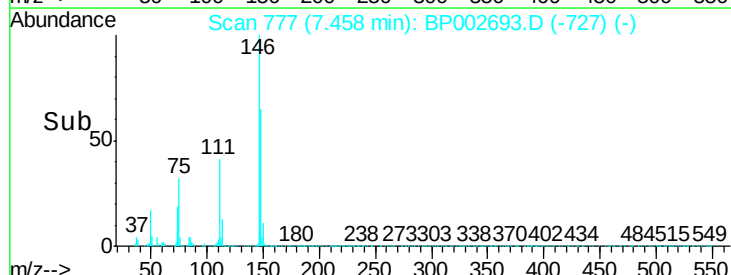
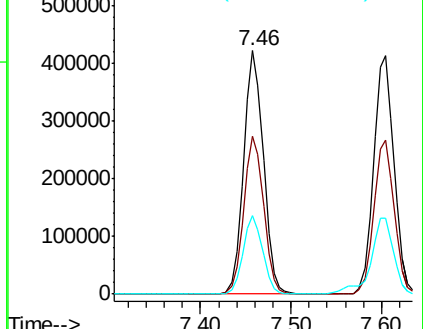
75 32.0 26.1 39.1

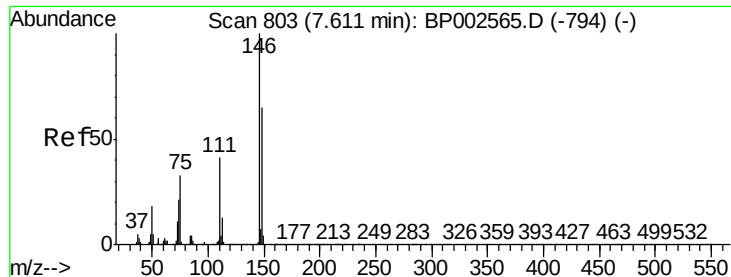


Abundance Ion 146.00 (145.70 to 146.70): BP002693.D (-727) (-)

Ion 148.00 (147.70 to 148.70): BP002693.D (-727) (-)

Ion 75.00 (74.70 to 75.70): BP002693.D (-727) (-)

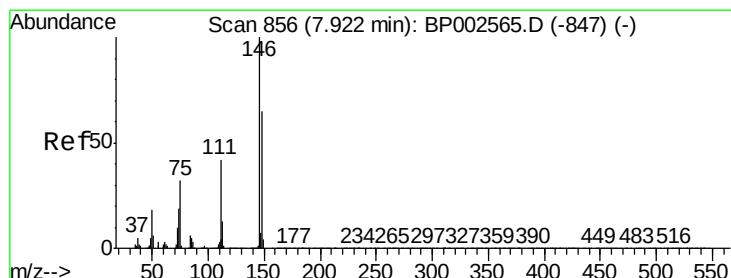
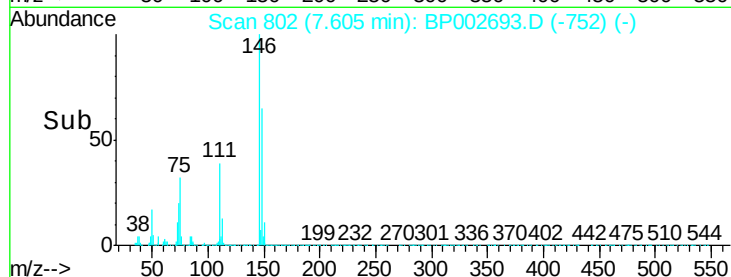
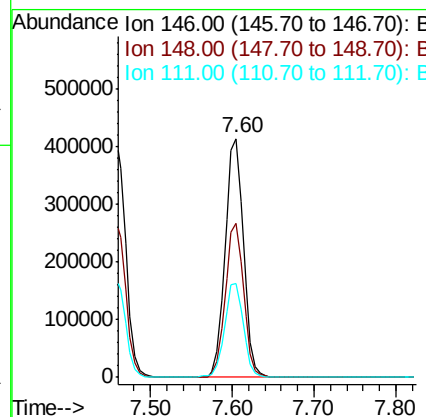
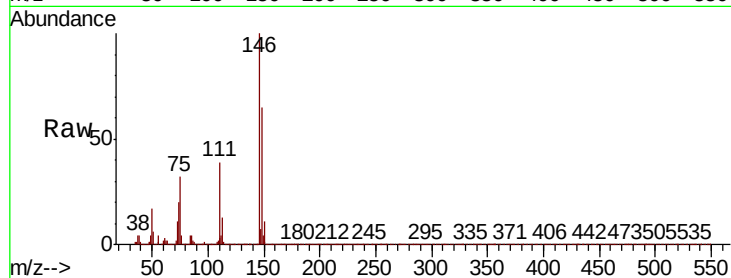




#13
1,4-Dichlorobenzene
Concen: 39.795 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

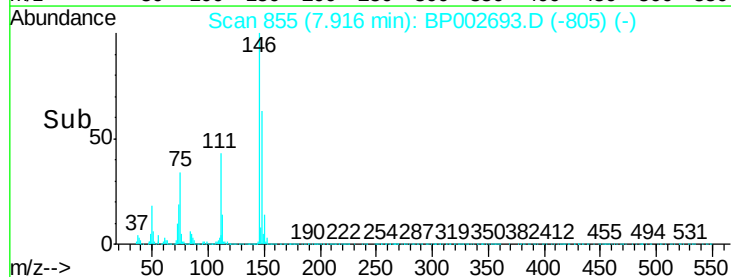
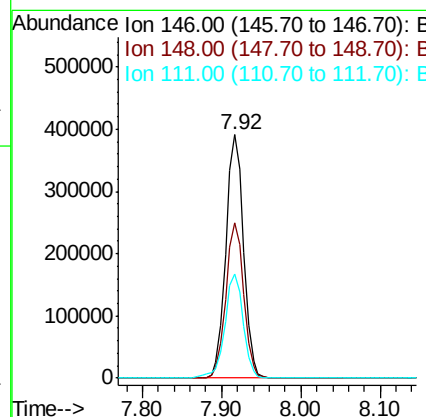
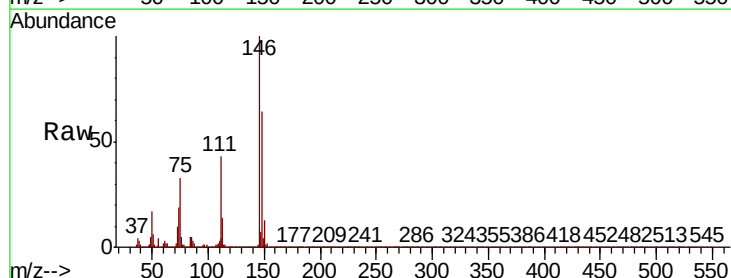
Instrument :
BNA_P
ClientSampleId :
PB129997BS

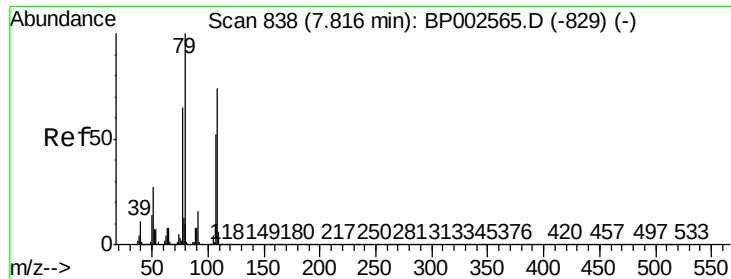
Tot Ion:146 Resp: 646218
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
111 39.3 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 38.620 ng
RT: 7.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:146 Resp: 603669
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.2
111 42.7 34.1 51.1

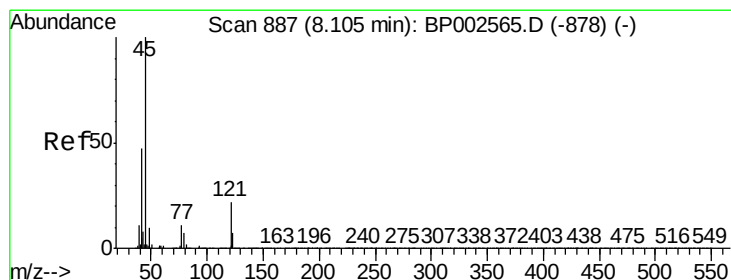
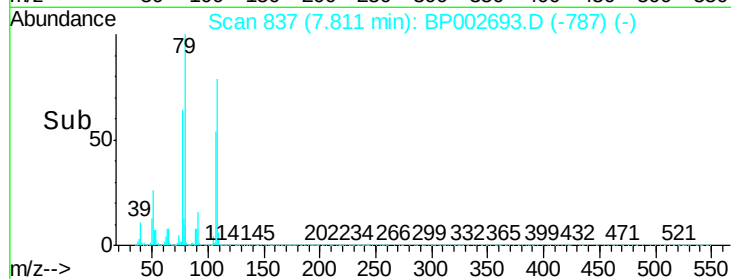
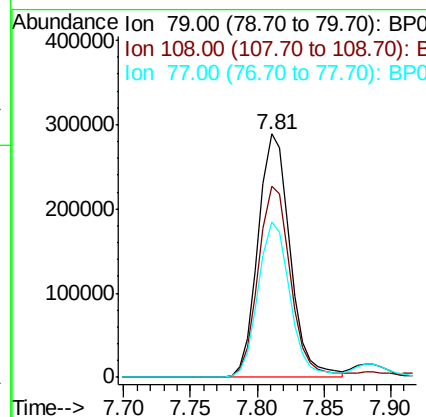
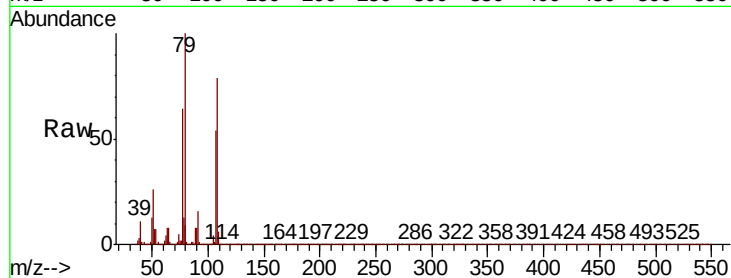




#15
Benzyl Alcohol
Concen: 36.715 ng
RT: 7.81 min Scan# 837
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

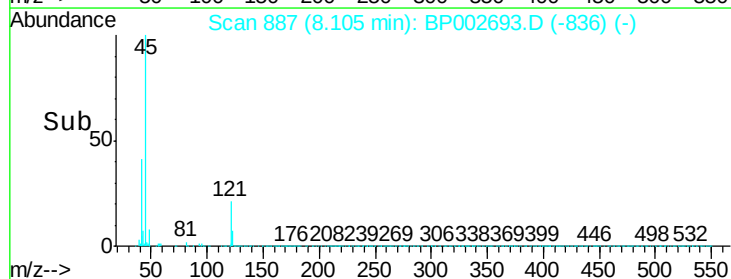
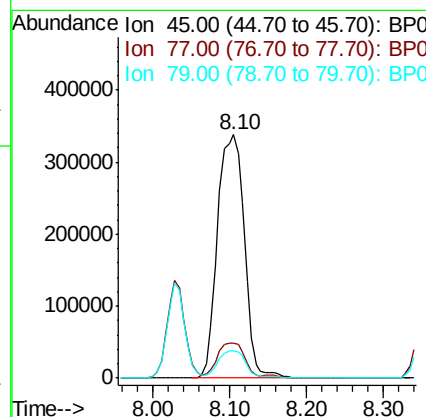
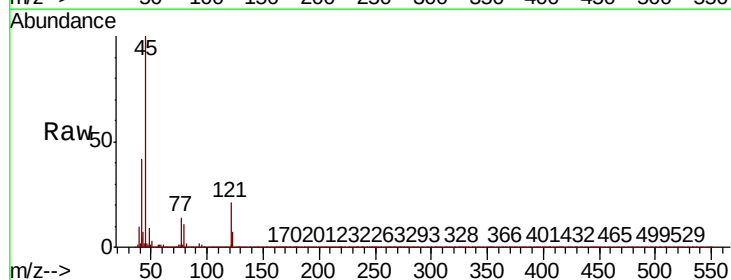
Instrument :
BNA_P
ClientSampleId :
PB129997BS

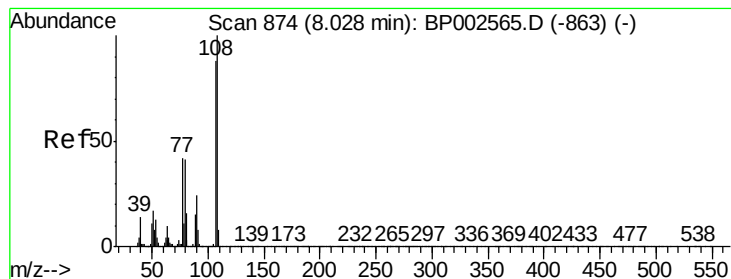
Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	59.4	89.2
77	63.8	51.9	77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.557 ng
RT: 8.10 min Scan# 887
Delta R.T. 0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	35.0
79	11.2	0.0	31.1

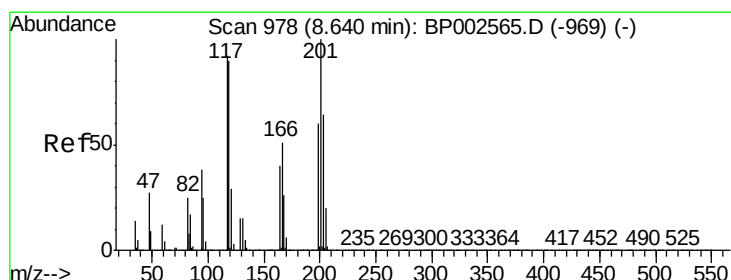
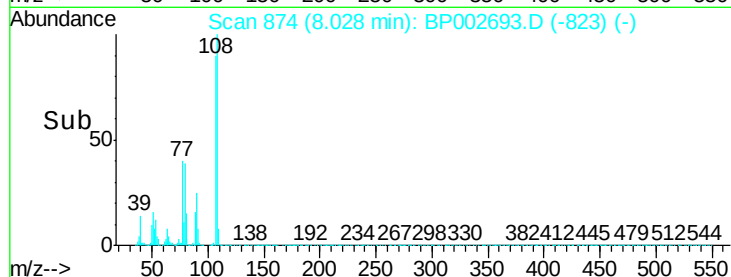
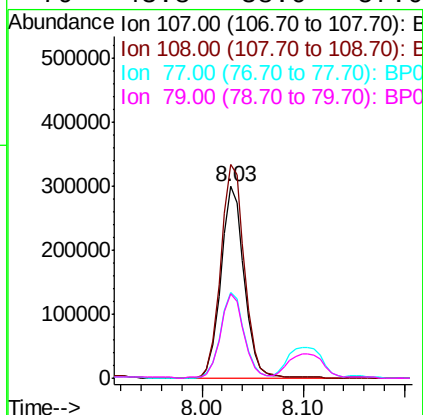
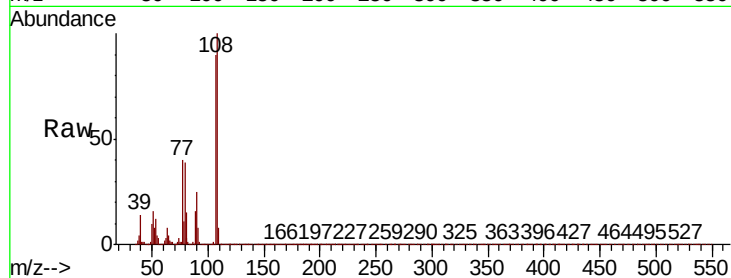




#17
2-Methylphenol
Concen: 36.377 ng
RT: 8.03 min Scan# 874
Delta R.T. 0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

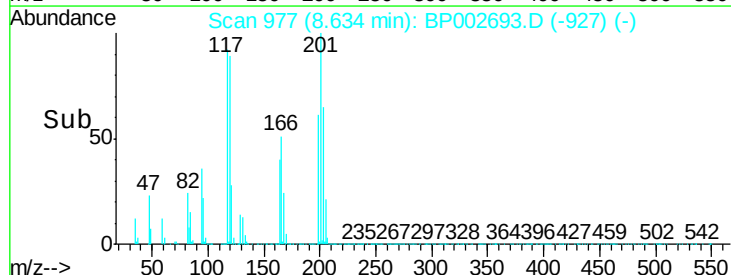
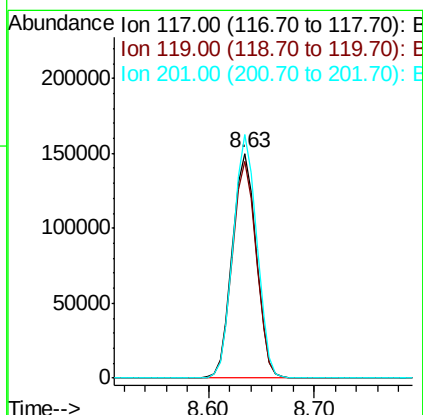
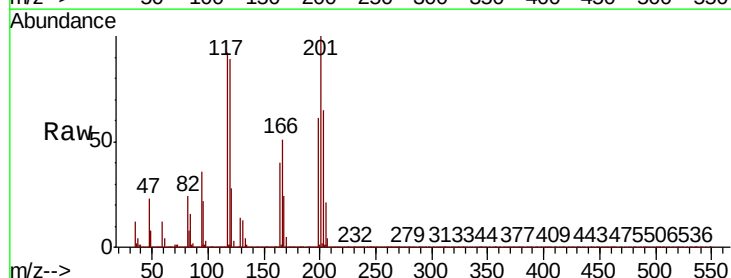
Instrument :
BNA_P
ClientSampleId :
PB129997BS

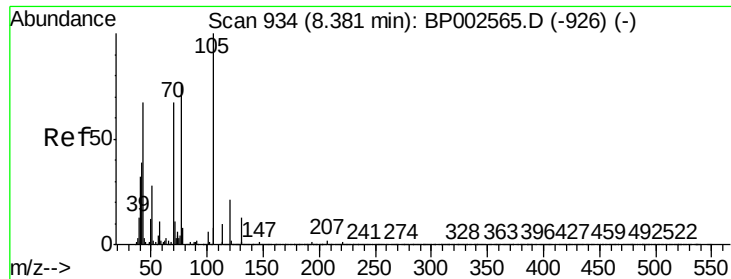
Tot Ion:	107	Resp:	476570
Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.4	137.0
77	44.9	38.7	58.1
79	43.8	38.0	57.0



#18
Hexachloroethane
Concen: 40.092 ng
RT: 8.63 min Scan# 977
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:	117	Resp:	234971
Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.2	117.4
201	108.4	87.0	130.6

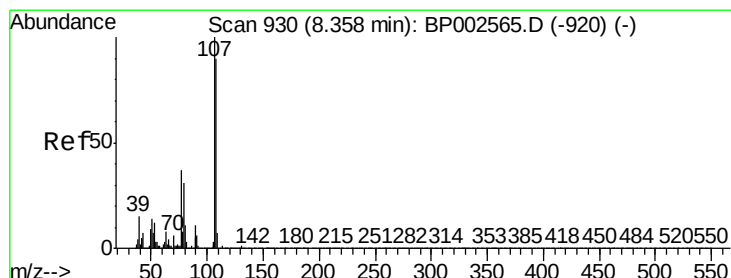
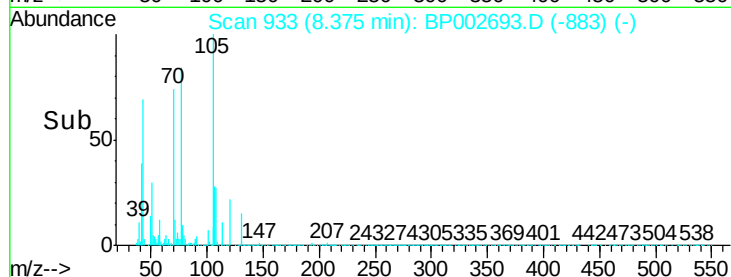
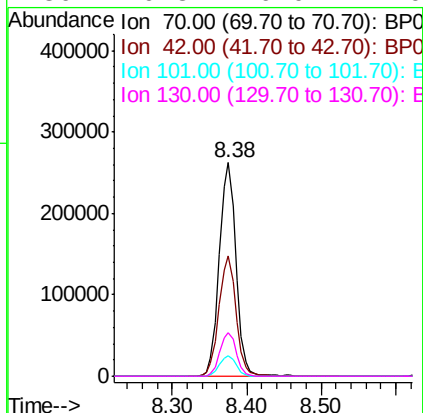
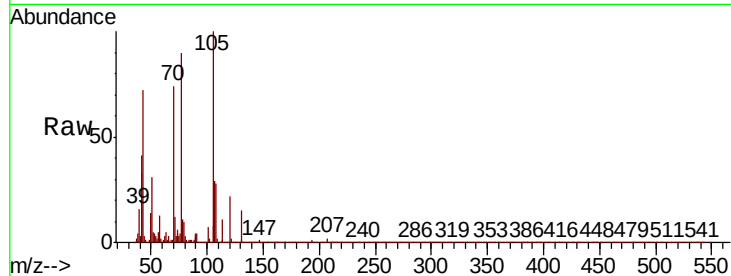




#19
n-Nitroso-di-n-propylamine
Concen: 35.712 ng
RT: 8.38 min Scan# 933
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

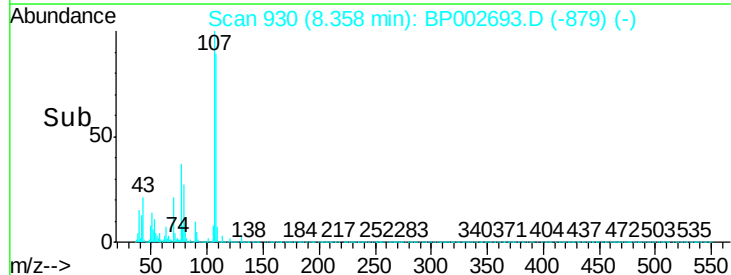
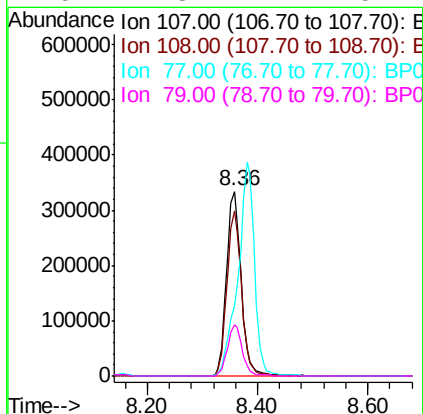
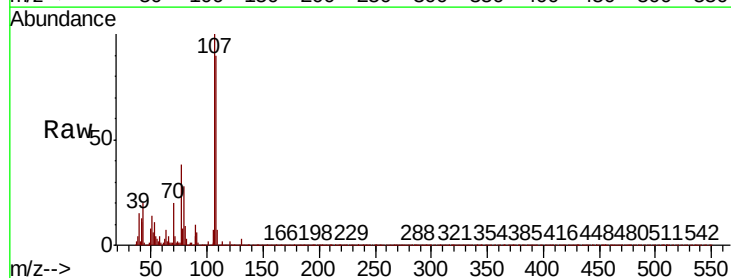
Instrument :
BNA_P
ClientSampleId :
PB129997BS

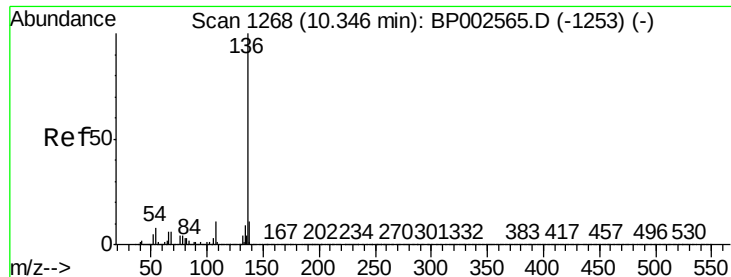
Tot Ion:	70	Resp:	406677
Ion	Ratio	Lower	Upper
70	100		
42	56.1	46.7	70.1
101	9.8	7.5	11.3
130	20.3	16.0	24.0



#20
3+4-Methylphenols
Concen: 35.460 ng
RT: 8.36 min Scan# 930
Delta R.T. 0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:	107	Resp:	626321
Ion	Ratio	Lower	Upper
107	100		
108	89.7	70.4	110.4
77	37.8	16.7	56.7
79	27.8	11.1	51.1

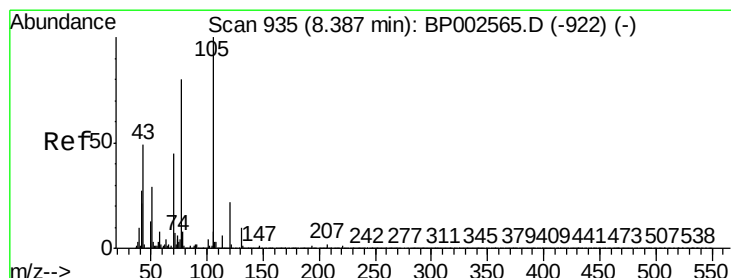
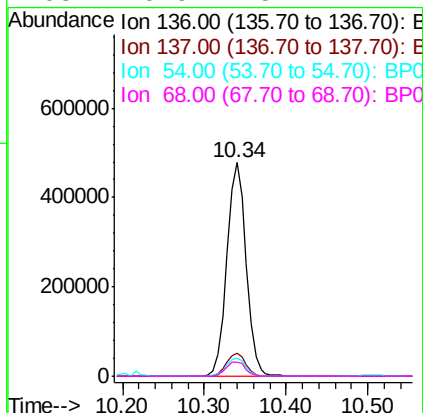
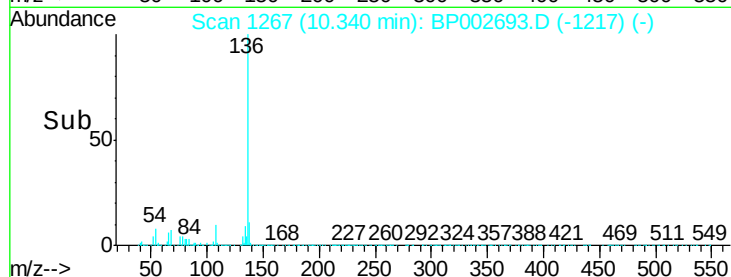
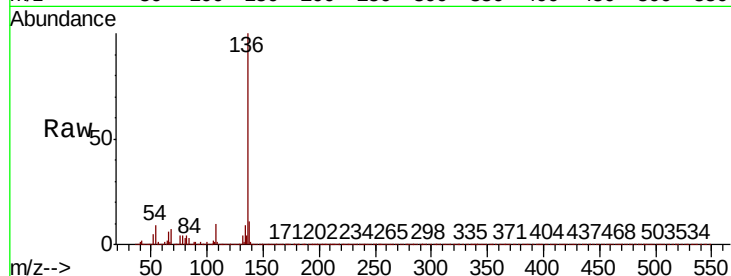




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

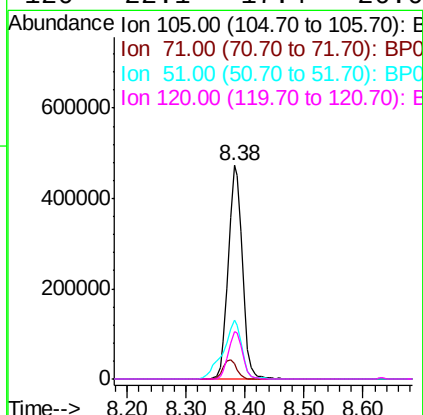
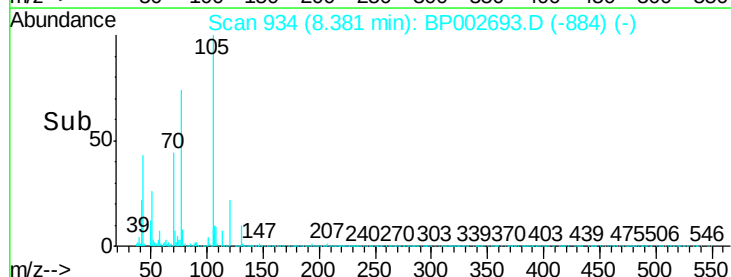
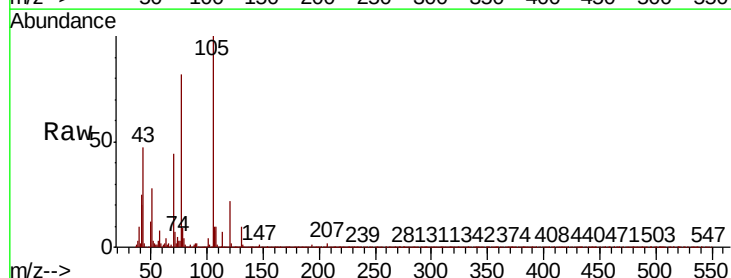
Instrument :
BNA_P
ClientSampleId :
PB129997BS

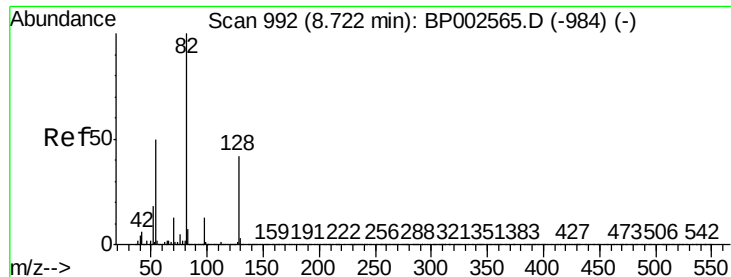
Tot Ion:136	Resp:	780907
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 8.5	6.4	9.6
68 6.9	5.1	7.7



#22
Acetophenone
Concen: 39.708 ng
RT: 8.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt	Ion:105	Resp:	784839
Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.8	8.8
51	27.9	23.3	34.9
120	22.1	17.4	26.0

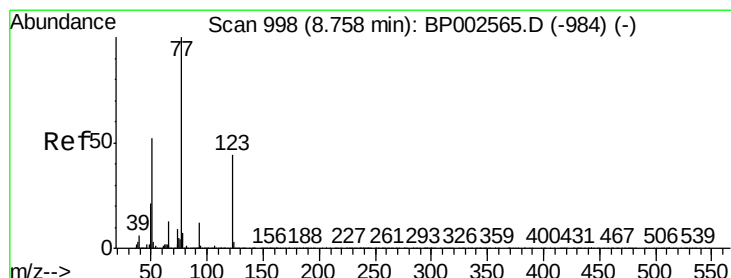
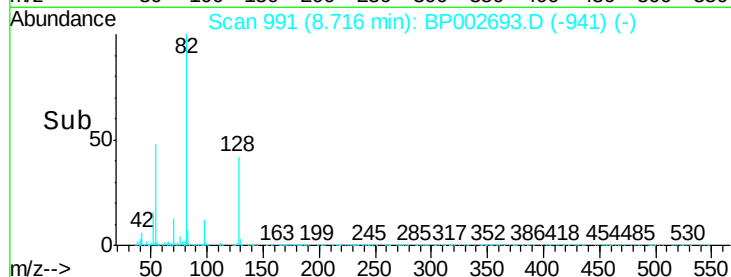
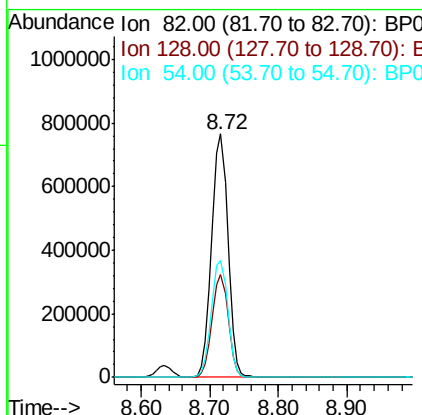
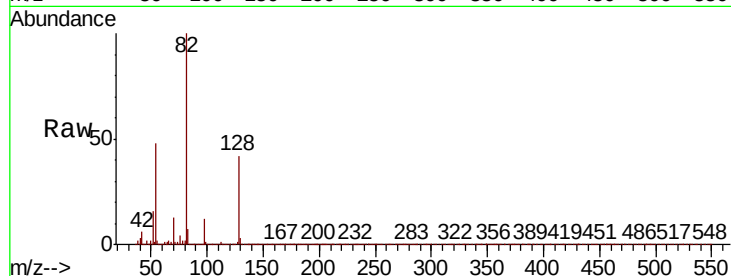




#23
Nitrobenzene-d5
Concen: 83.679 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

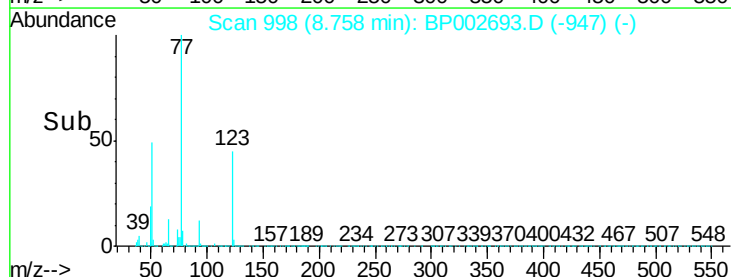
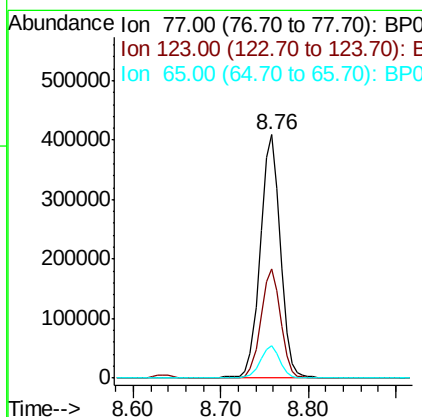
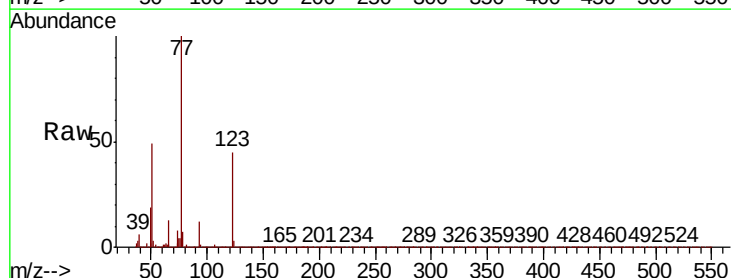
Instrument :
BNA_P
ClientSampleId :
PB129997BS

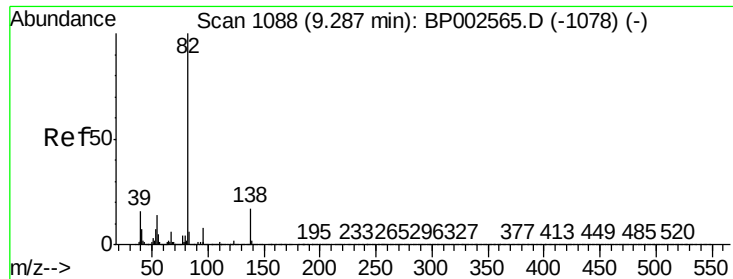
Tot Ion: 82 Resp: 1268227
Ion Ratio Lower Upper
82 100
128 42.1 33.4 50.2
54 48.0 40.1 60.1



#24
Nitrobenzene
Concen: 40.267 ng
RT: 8.76 min Scan# 998
Delta R.T. 0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion: 77 Resp: 645968
Ion Ratio Lower Upper
77 100
123 45.0 35.3 52.9
65 13.1 10.6 16.0

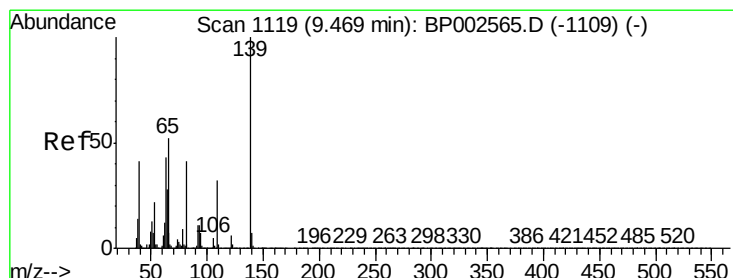
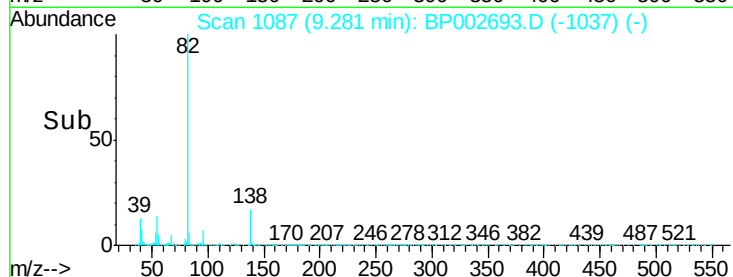
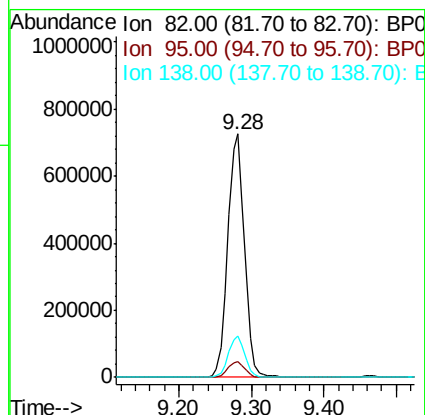
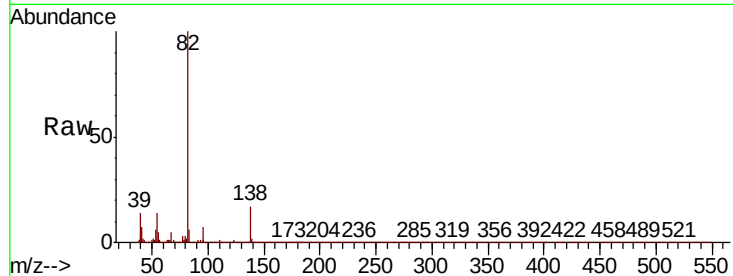




#25
Isophorone
Concen: 38.246 ng
RT: 9.28 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

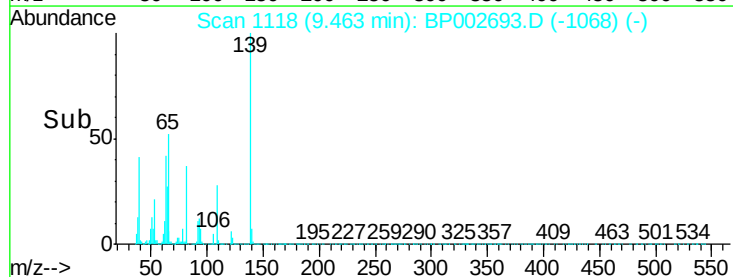
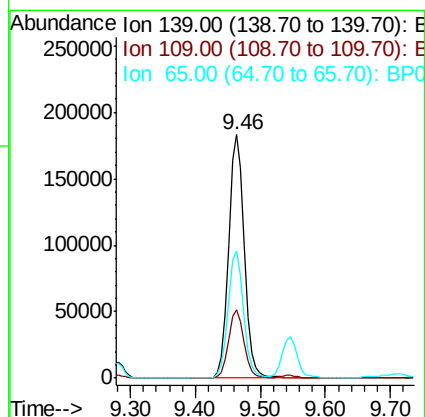
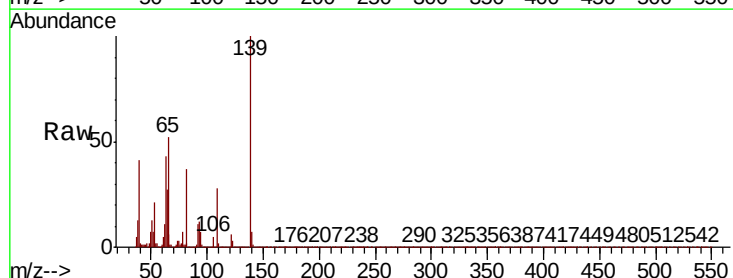
Instrument :
BNA_P
ClientSampleId :
PB129997BS

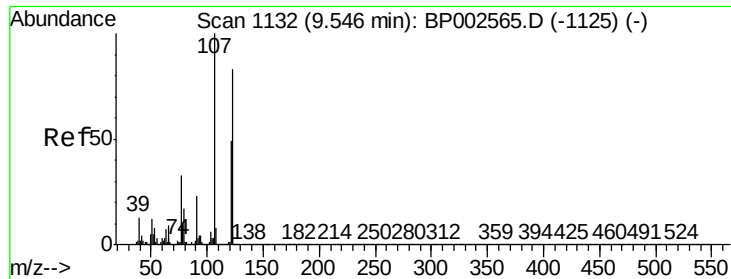
Tot Ion: 82 Resp: 1161772
Ion Ratio Lower Upper
82 100
95 6.6 6.0 9.0
138 16.9 13.8 20.8



#26
2-Nitrophenol
Concen: 41.772 ng
RT: 9.46 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion: 139 Resp: 305612
Ion Ratio Lower Upper
139 100
109 28.2 26.0 39.0
65 52.1 41.9 62.9

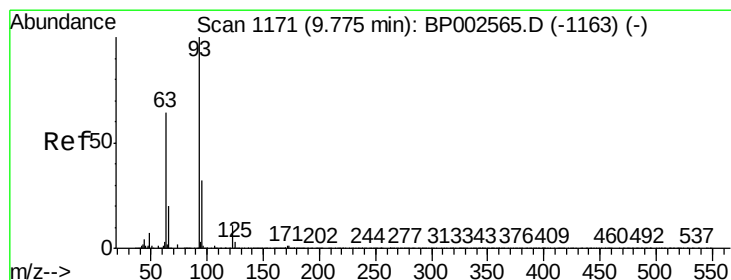
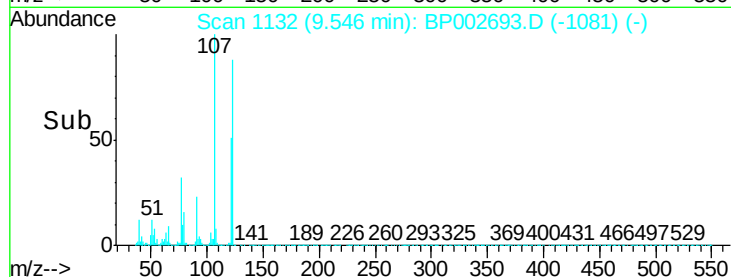
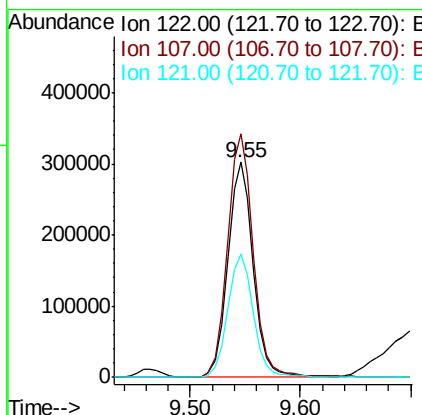
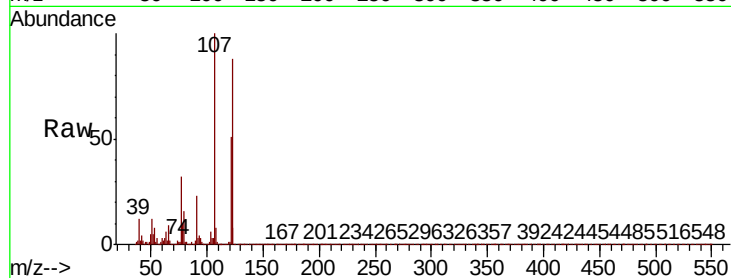




#27
 2,4-Dimethylphenol
 Concen: 43.688 ng
 RT: 9.55 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BP002693.D
 Acq: 09 Jul 2020 12:21

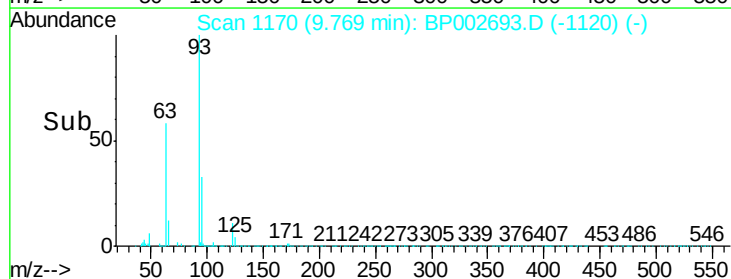
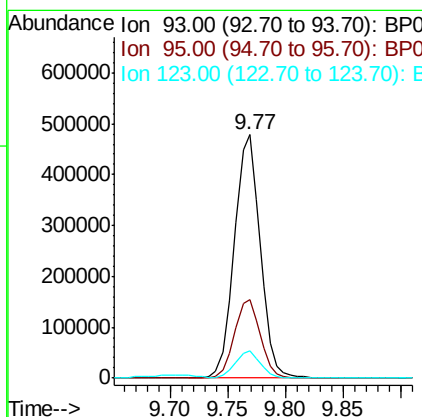
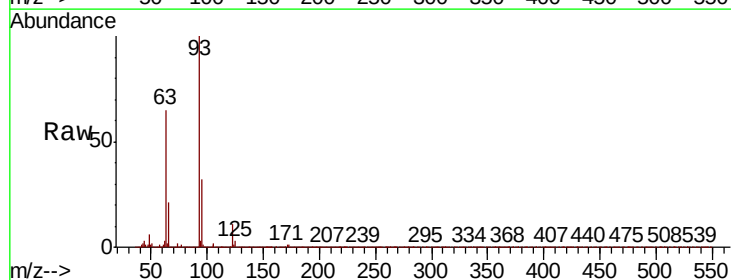
Instrument :
 BNA_P
 ClientSampleId :
 PB129997BS

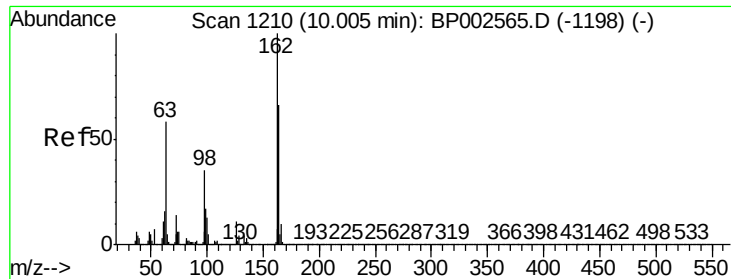
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.1	95.9	143.9
121	57.4	47.0	70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.364 ng
 RT: 9.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BP002693.D
 Acq: 09 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.5	38.3
123	11.0	8.7	13.1

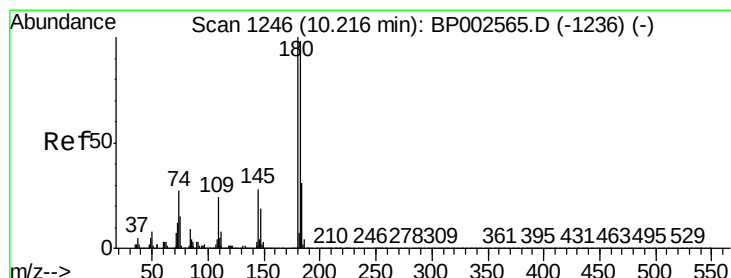
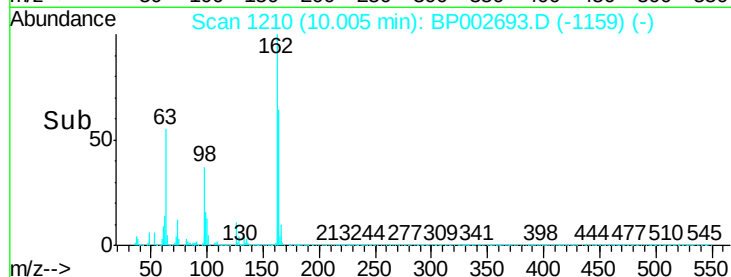
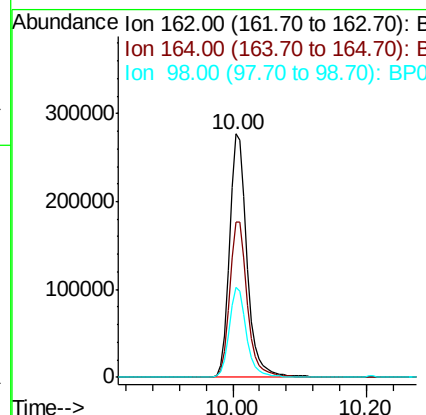
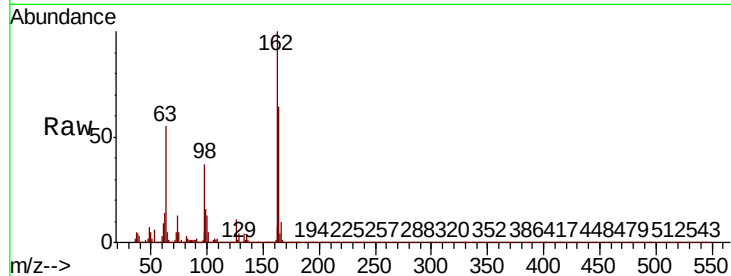




#29
 2,4-Dichlorophenol
 Concen: 40.128 ng
 RT: 10.00 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BP002693.D
 Acq: 09 Jul 2020 12:21

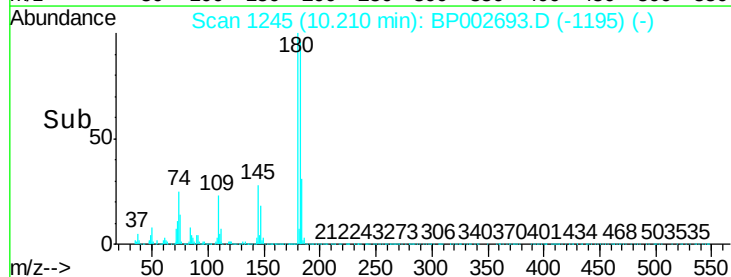
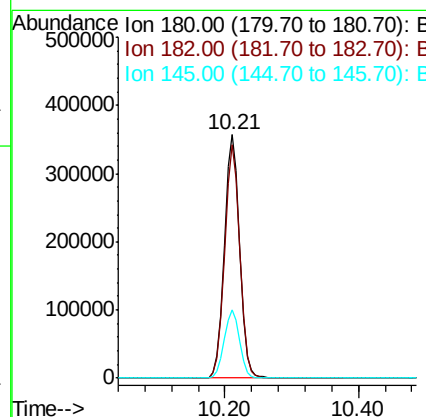
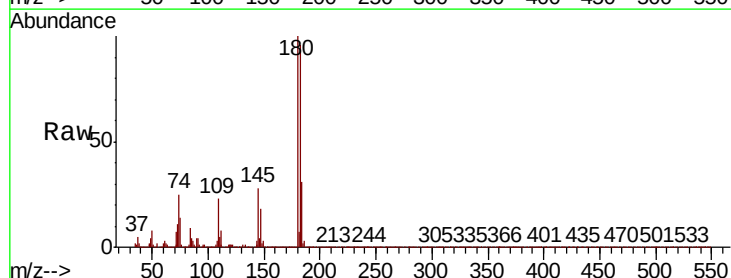
Instrument :
 BNA_P
 ClientSampleId :
 PB129997BS

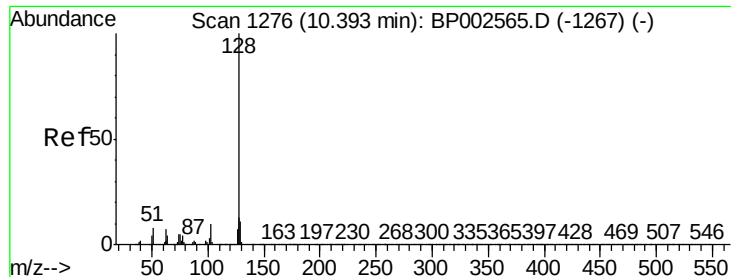
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	46.1	86.1
98	36.8	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.087 ng
 RT: 10.21 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BP002693.D
 Acq: 09 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	78.2	117.2
145	28.2	22.6	34.0

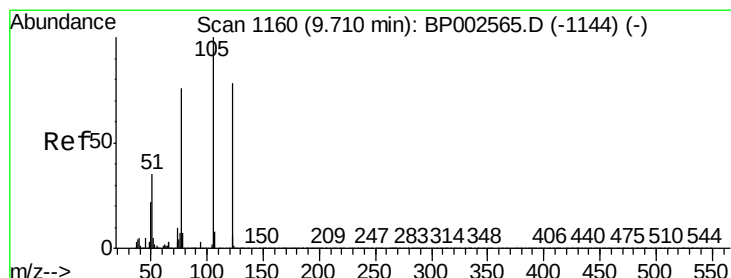
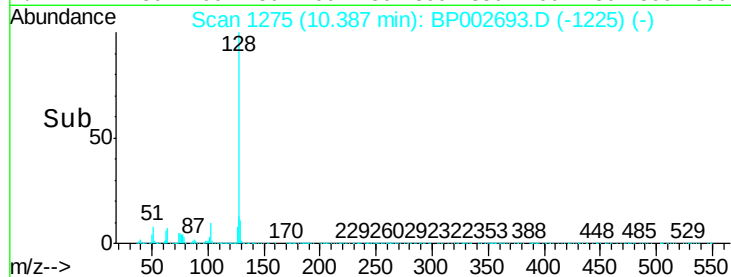
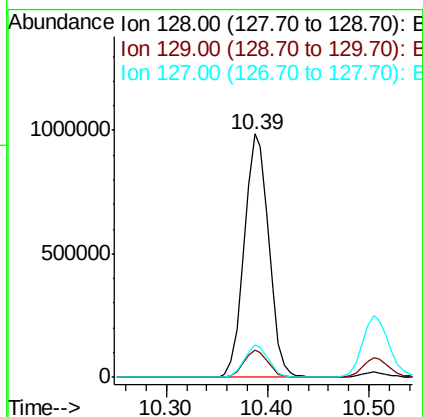
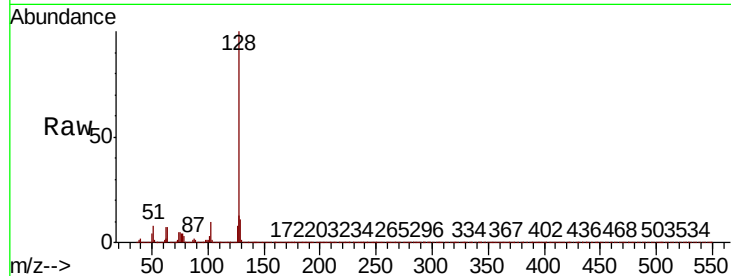




#31
Naphthalene
Concen: 39.998 ng
RT: 10.39 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

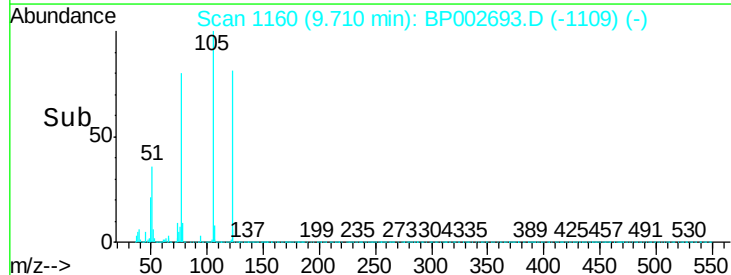
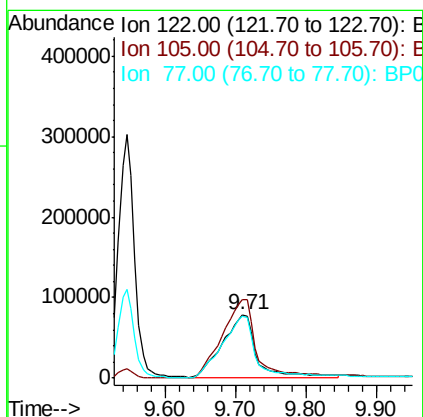
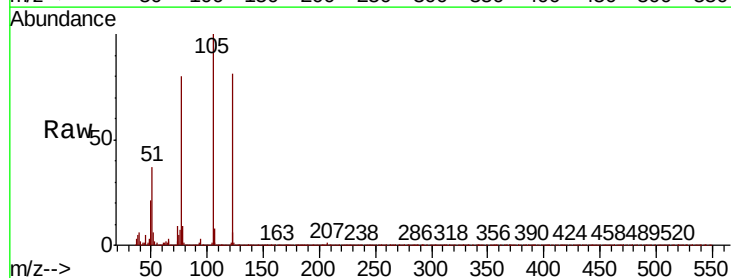
Instrument :
BNA_P
ClientSampleId :
PB129997BS

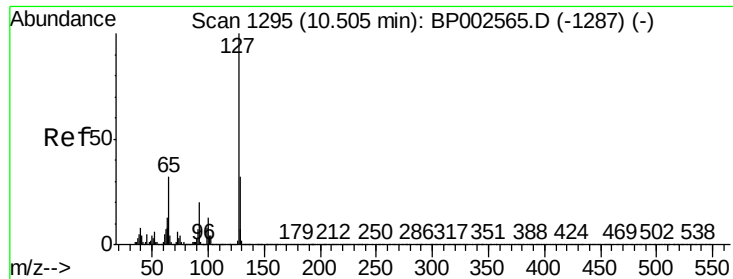
Tot Ion:128 Resp: 1653483
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 32.828 ng
RT: 9.71 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:122 Resp: 256606
Ion Ratio Lower Upper
122 100
105 122.9 106.6 146.6
77 98.0 76.5 116.5

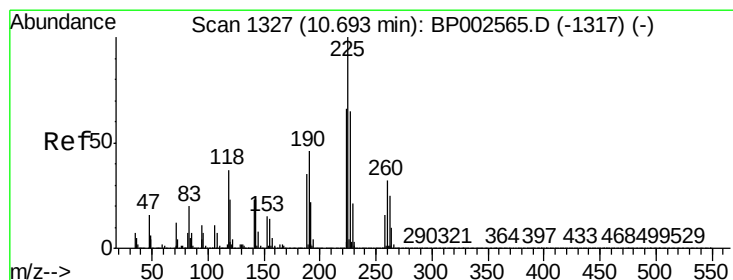
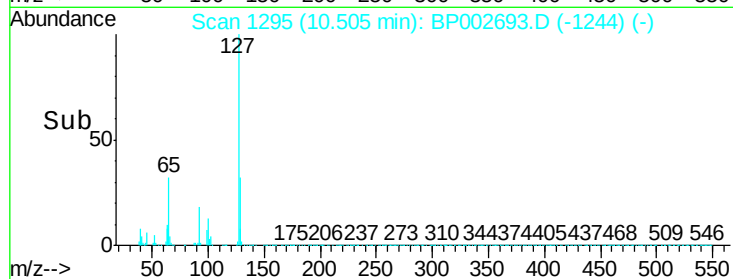
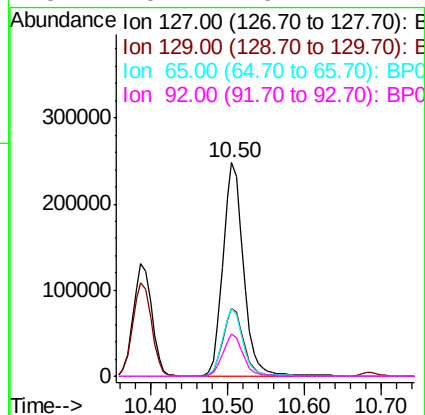
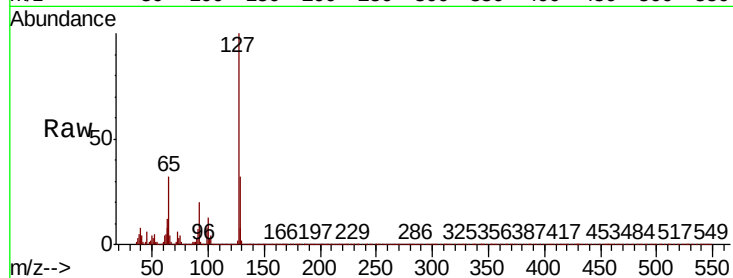




#33
4-Chloroaniline
Concen: 25.271 ng
RT: 10.50 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

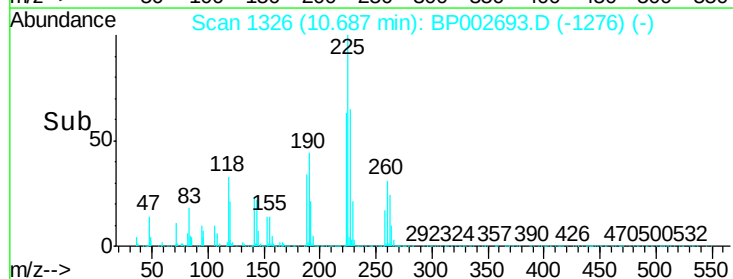
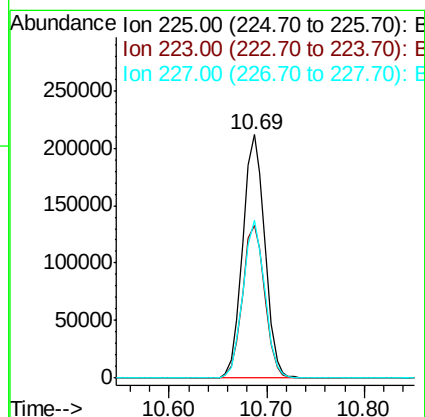
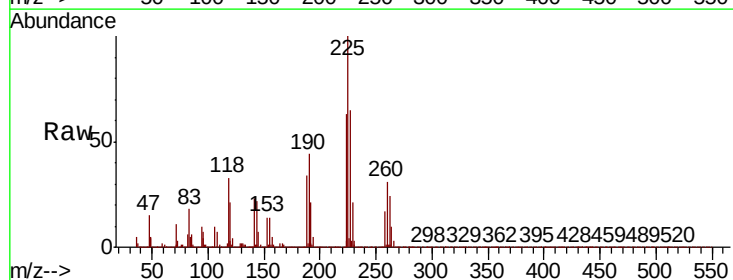
Instrument :
BNA_P
ClientSampleId :
PB129997BS

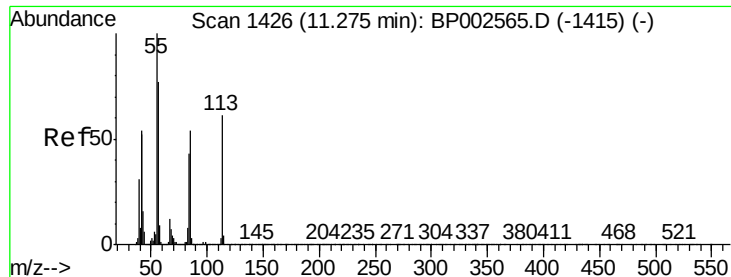
Tot Ion:	127	Resp:	456965
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	31.7	25.7	38.5
92	19.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 37.812 ng
RT: 10.69 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:	225	Resp:	332904
Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.6	78.8
227	64.8	52.1	78.1





#35

Caprolactam

Concen: 36.698 ng

RT: 11.27 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Instrument :

BNA_P

ClientSampleId :

PB129997BS

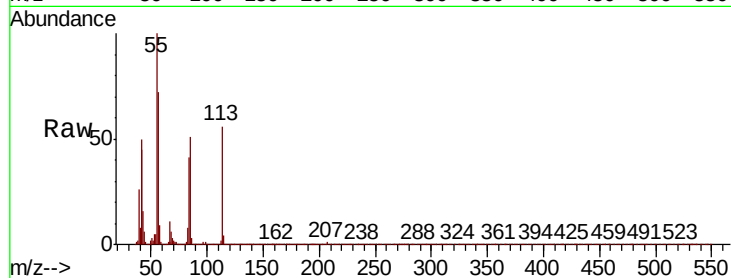
Tot Ion:113 Resp: 157611

Ion Ratio Lower Upper

113 100

55 180.0 143.7 183.7

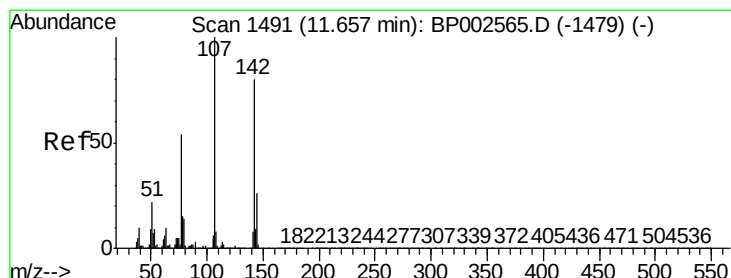
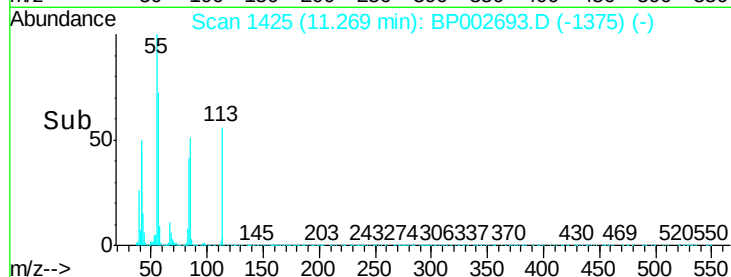
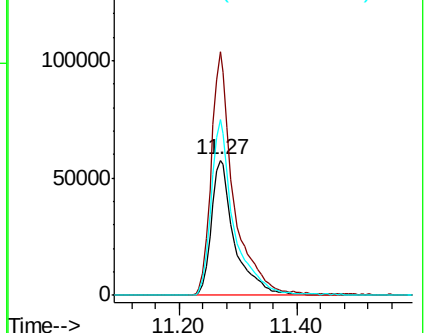
56 129.6 105.2 145.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#36

4-Chloro-3-methylphenol

Concen: 37.309 ng

RT: 11.66 min Scan# 1492

Delta R.T. 0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

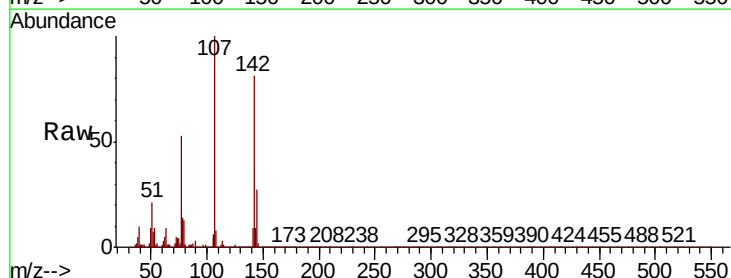
Tgt Ion:107 Resp: 522454

Ion Ratio Lower Upper

107 100

144 26.5 21.0 31.6

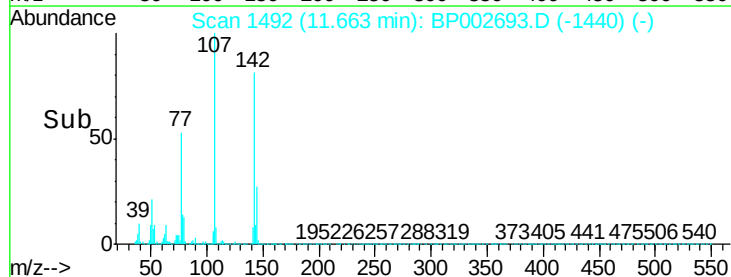
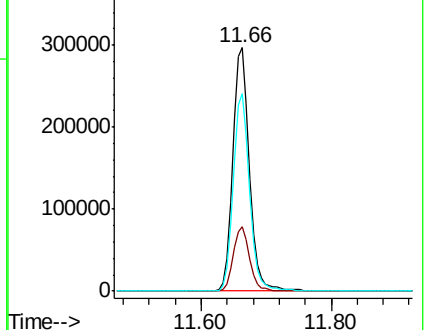
142 81.0 63.9 95.9

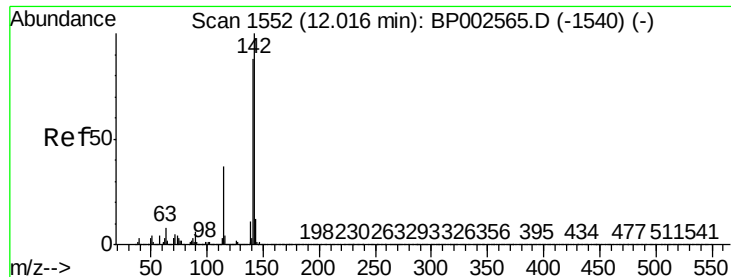


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

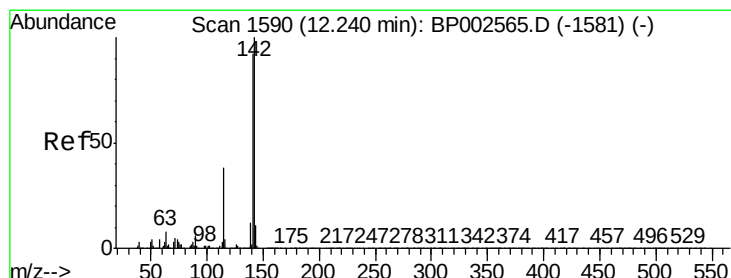
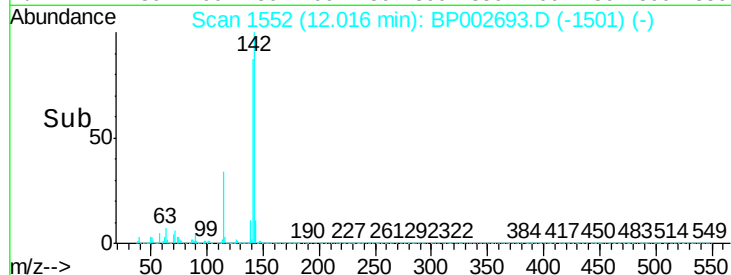
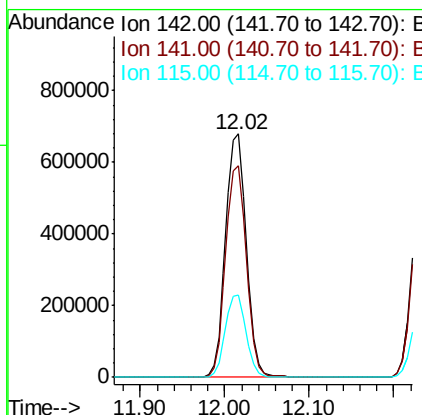
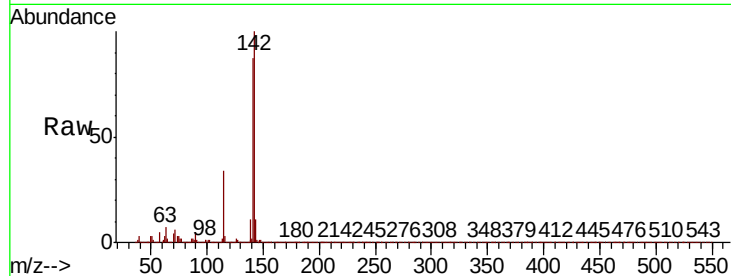




#37
2-Methylnaphthalene
Concen: 38.218 ng
RT: 12.02 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

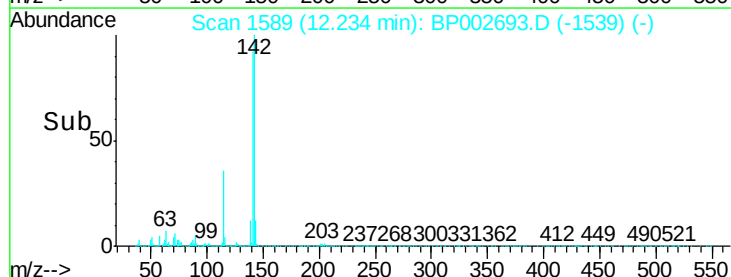
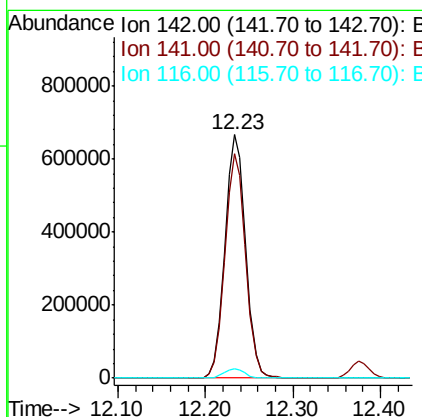
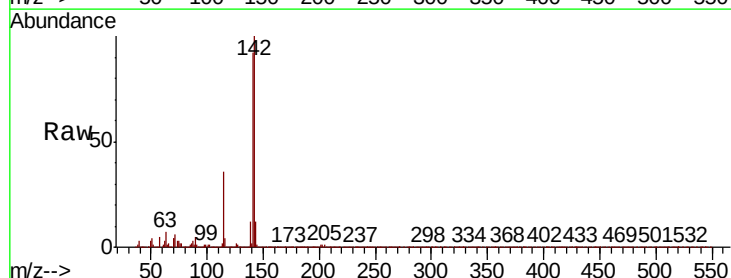
Instrument :
BNA_P
ClientSampleId :
PB129997BS

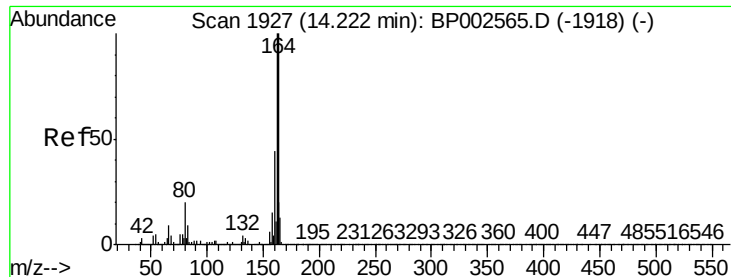
Tot Ion:142 Resp: 1151960
Ion Ratio Lower Upper
142 100
141 87.0 70.7 106.1
115 33.6 29.7 44.5



#38
1-Methylnaphthalene
Concen: 38.100 ng
RT: 12.23 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:142 Resp: 1081581
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.2
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Instrument :

BNA_P

ClientSampleId :

PB129997BS

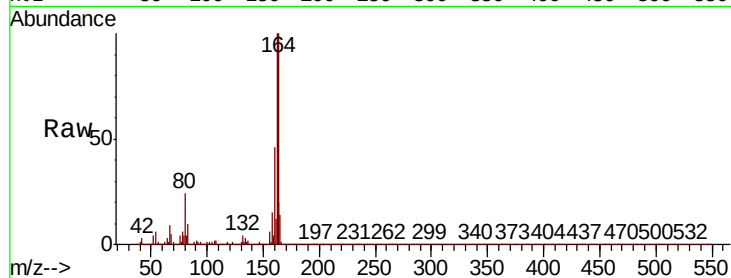
Tot Ion:164 Resp: 435418

Ion Ratio Lower Upper

164 100

162 100.5 80.3 120.5

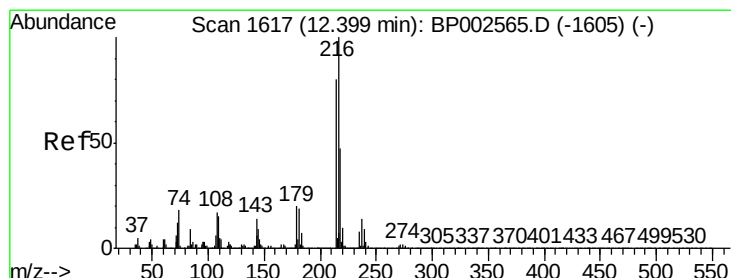
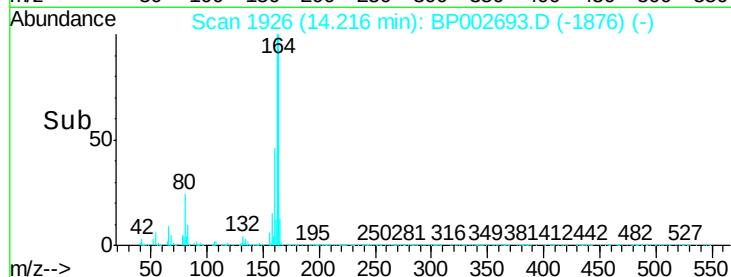
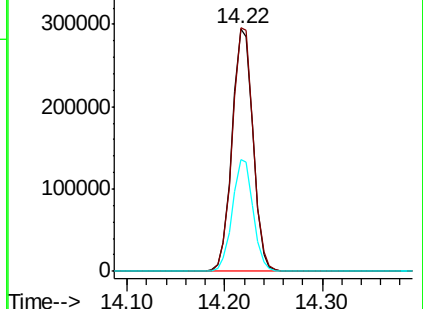
160 46.2 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.766 ng

RT: 12.39 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Tgt Ion:216 Resp: 567848

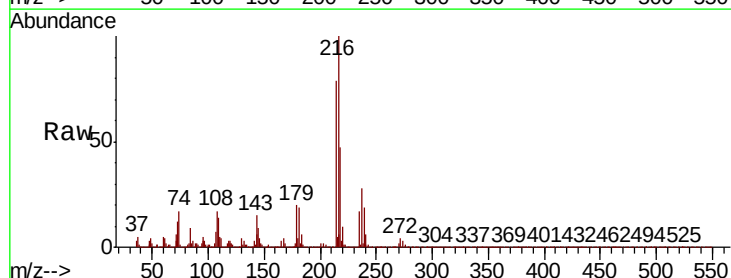
Ion Ratio Lower Upper

216 100

214 79.3 63.2 94.8

179 20.1 16.6 24.8

108 20.3 14.9 22.3

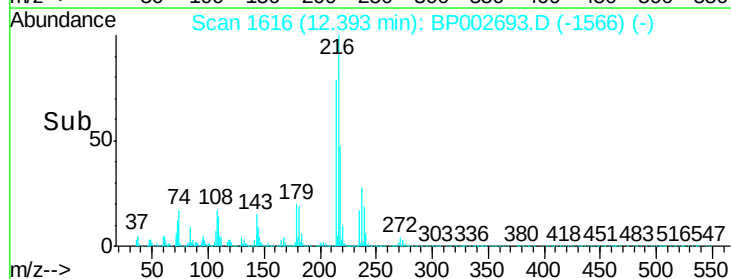
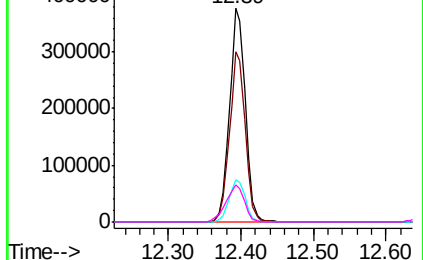


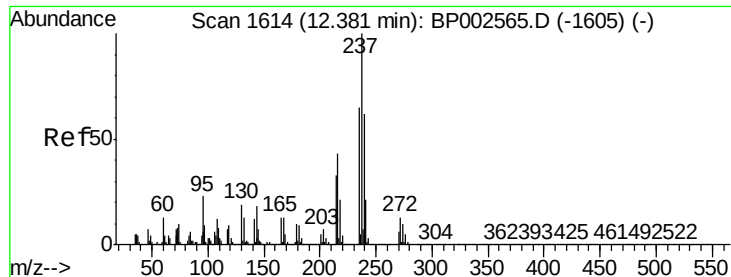
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

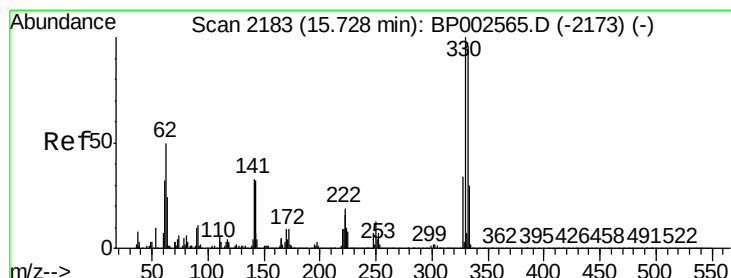
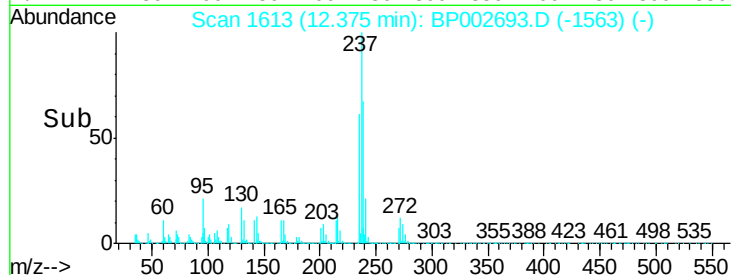
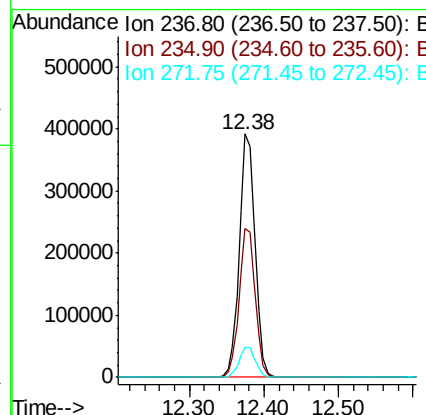
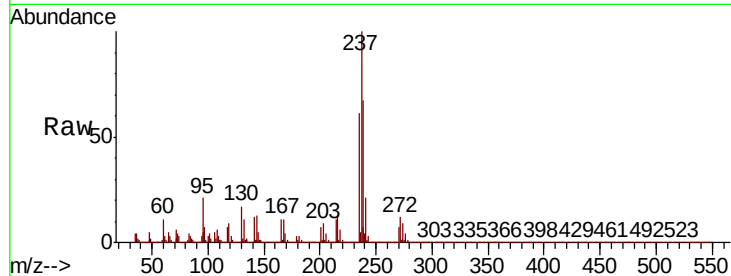




#41
Hexachlorocyclopentadiene
Concen: 80.830 ng
RT: 12.38 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

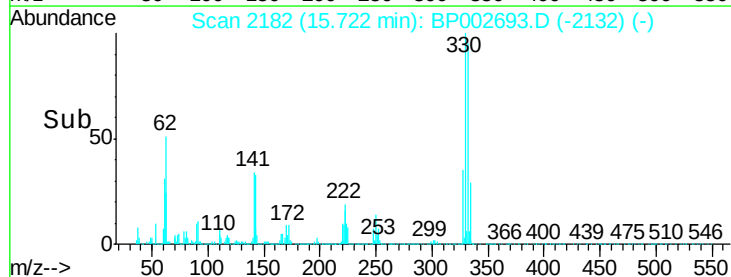
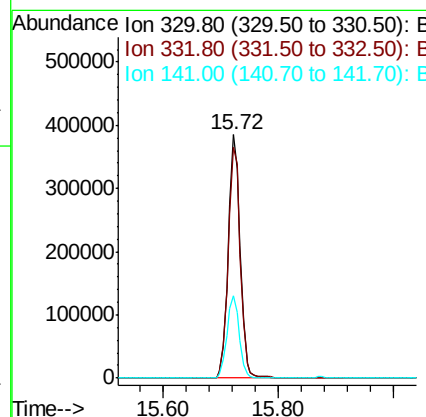
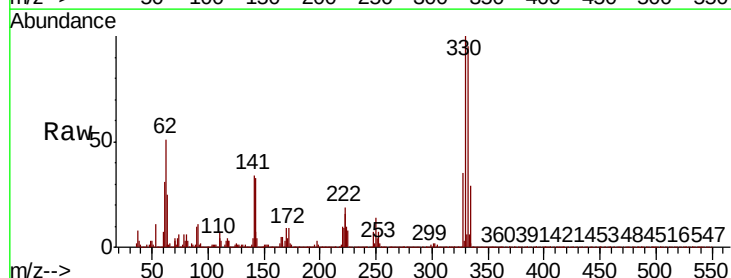
Instrument :
BNA_P
ClientSampleId :
PB129997BS

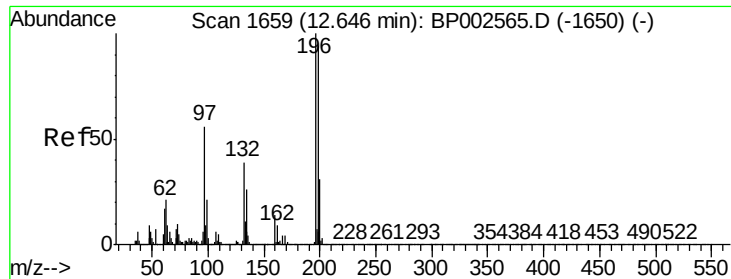
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.3	45.4	85.4
272	12.3	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 103.756 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.7	116.5
141	35.2	29.0	43.6

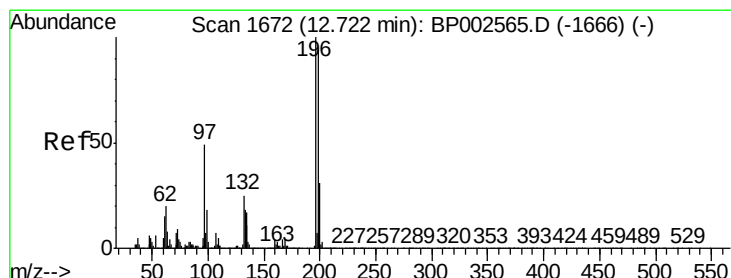
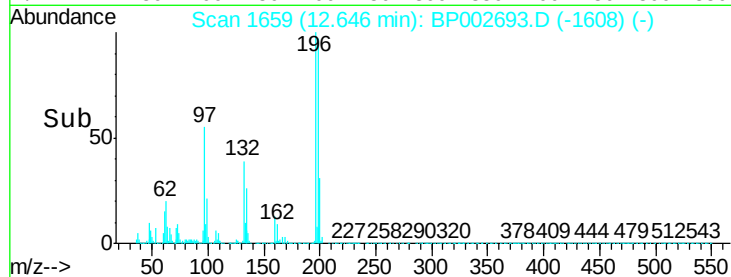
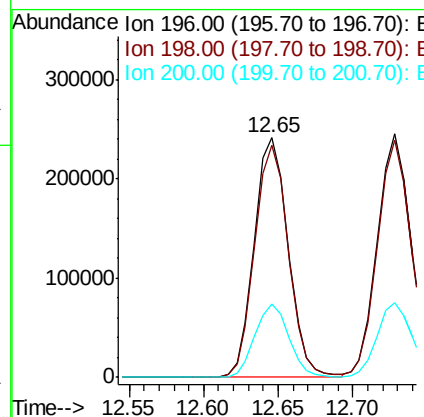
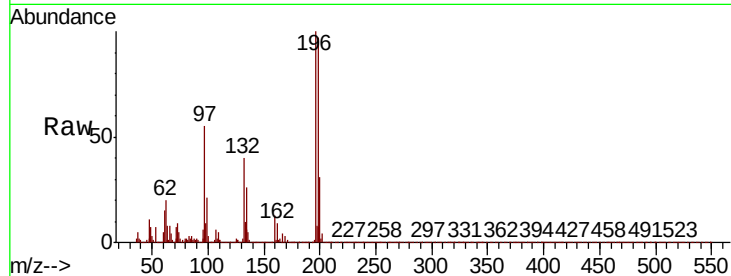




#43
 2,4,6-Trichlorophenol
 Concen: 41.388 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: BP002693.D
 Acq: 09 Jul 2020 12:21

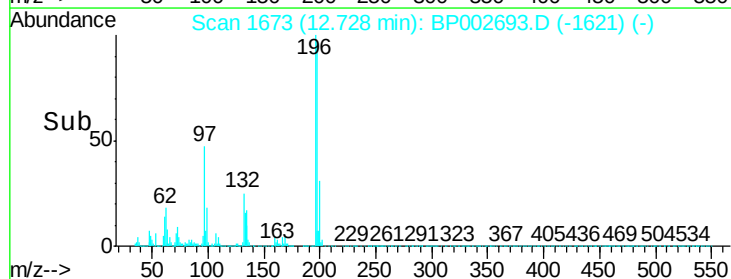
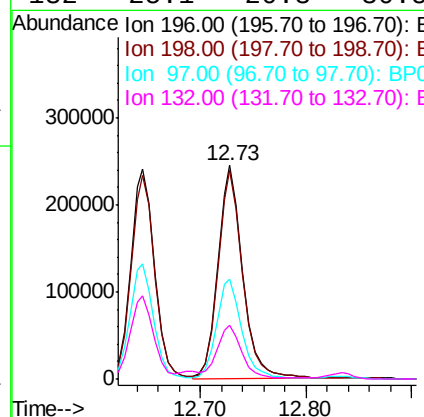
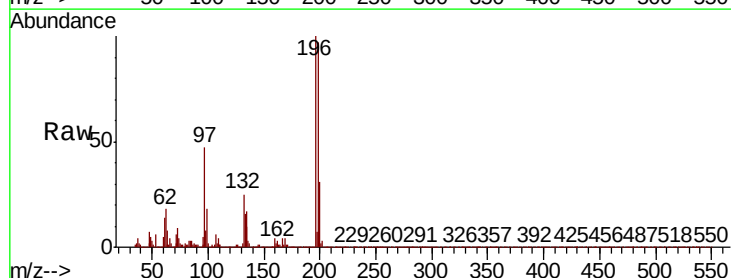
Instrument :
 BNA_P
 ClientSampleId :
 PB129997BS

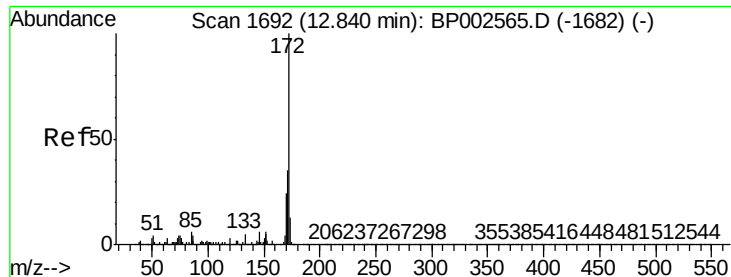
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.3	112.9
200	30.9	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 37.915 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. 0.01 min
 Lab File: BP002693.D
 Acq: 09 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	75.4	113.0
97	46.8	39.3	58.9
132	25.1	20.3	30.5

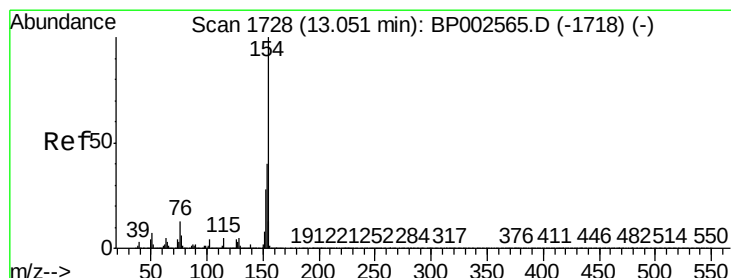
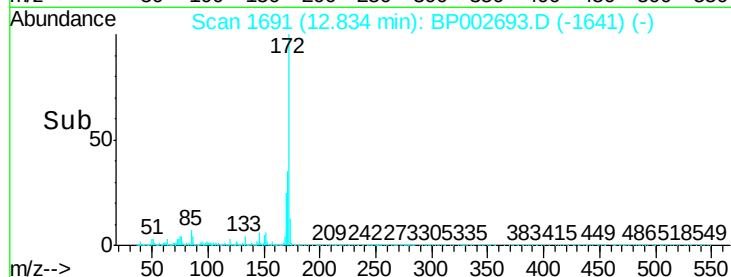
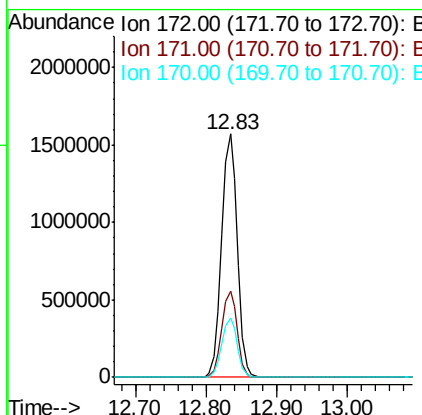
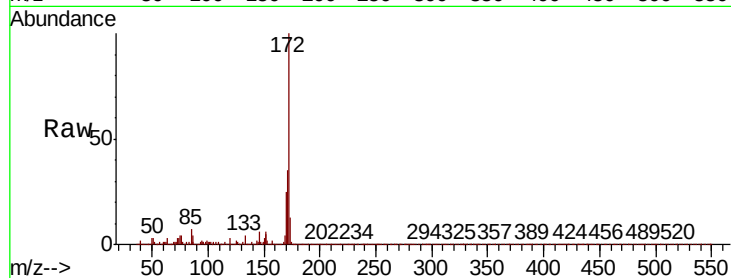




#45
2-Fluorobiphenyl
Concen: 82.054 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

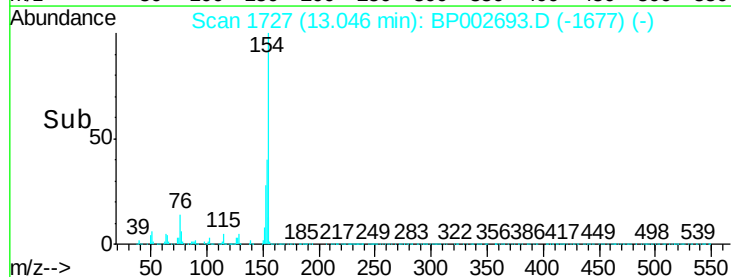
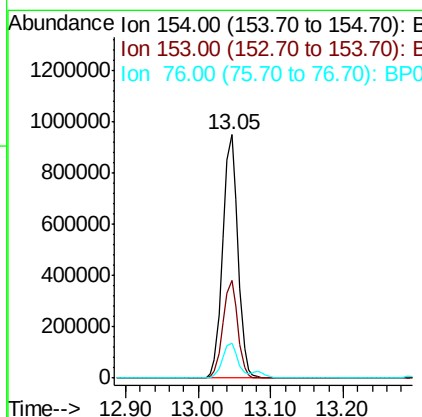
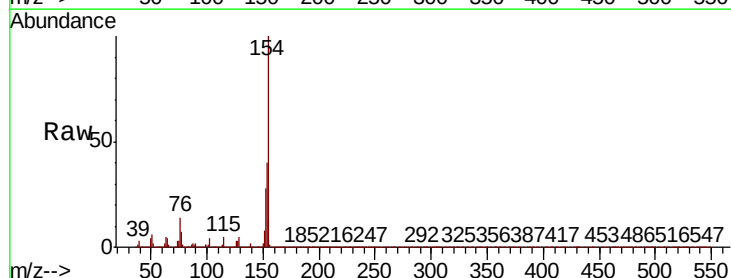
Instrument :
BNA_P
ClientSampleId :
PB129997BS

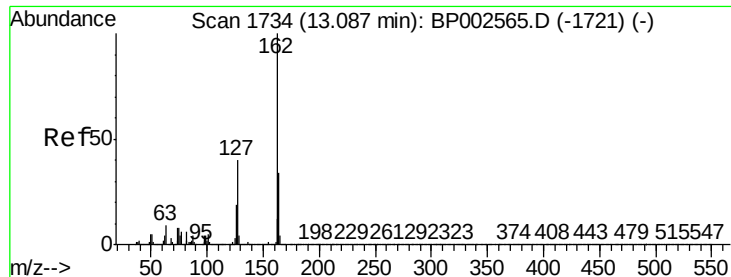
Tot Ion:172 Resp: 2427422
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 24.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.807 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:154 Resp: 1376978
Ion Ratio Lower Upper
154 100
153 40.0 20.0 60.0
76 14.5 0.0 33.0

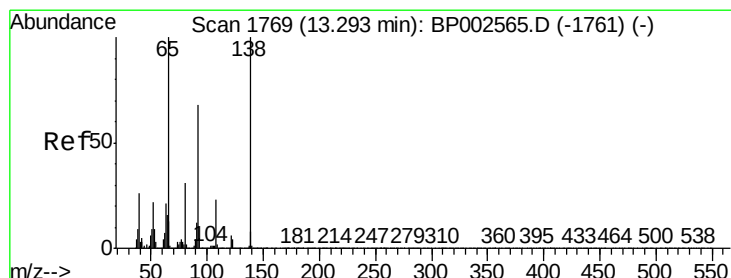
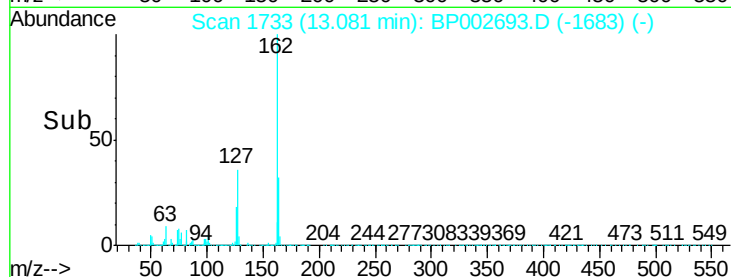
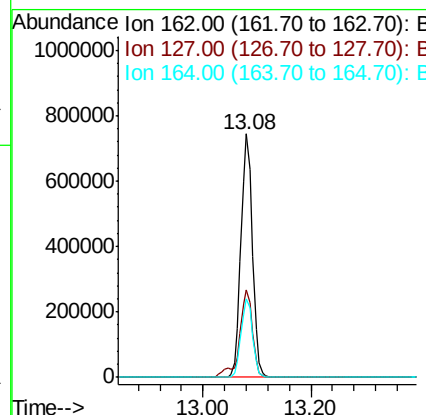
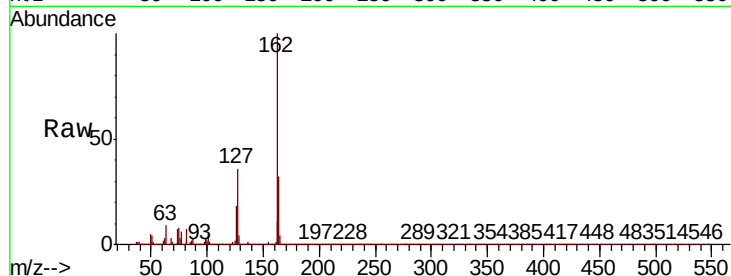




#47
2-Chloronaphthalene
Concen: 41.116 ng
RT: 13.08 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

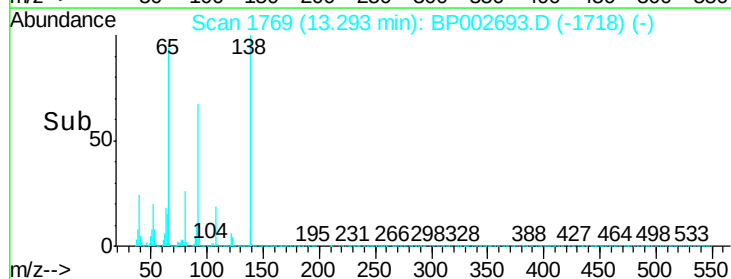
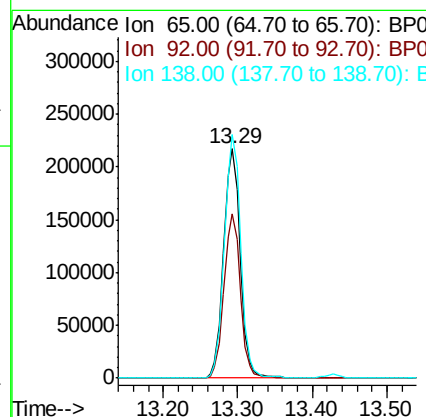
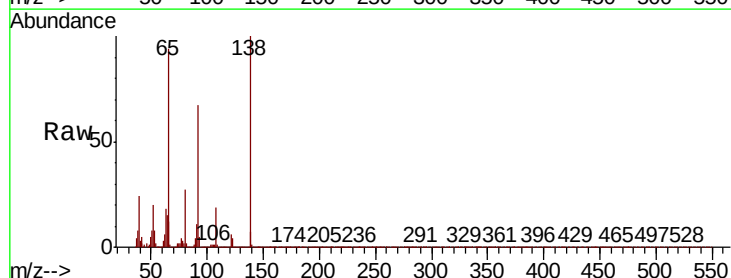
Instrument :
BNA_P
ClientSampleId :
PB129997BS

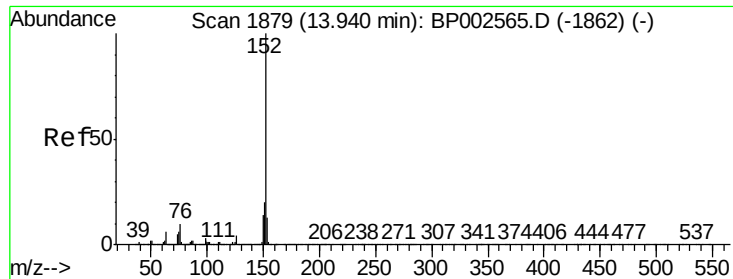
Tot Ion:162 Resp: 1102364
Ion Ratio Lower Upper
162 100
127 36.0 31.7 47.5
164 32.4 27.3 40.9



#48
2-Nitroaniline
Concen: 39.185 ng
RT: 13.29 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion: 65 Resp: 335158
Ion Ratio Lower Upper
65 100
92 71.8 54.2 81.4
138 106.3 79.8 119.8





#49

Acenaphthylene

Concen: 40.075 ng

RT: 13.93 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Instrument :

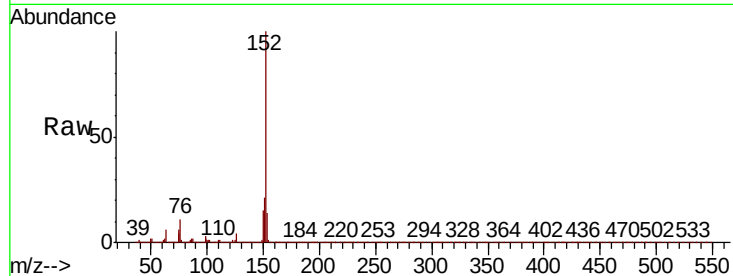
BNA_P

ClientSampleId :

PB129997BS

Tot Ion:152 Resp: 1690970

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.7	23.5
153	13.8	10.2	15.2

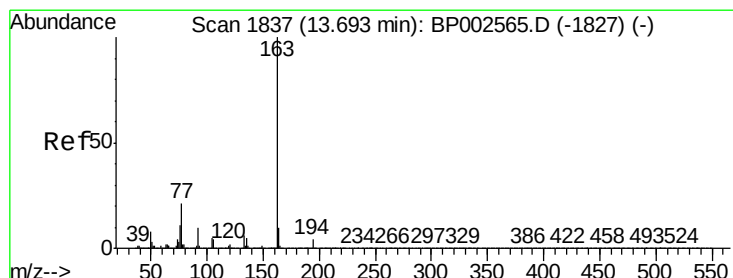
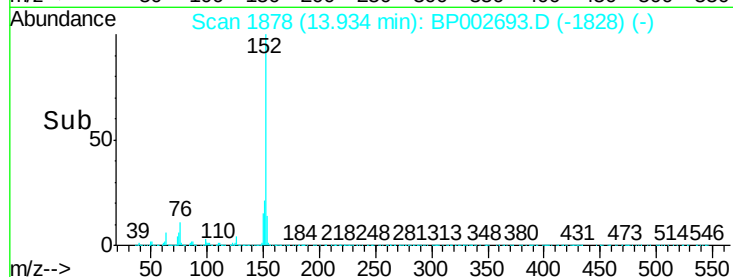
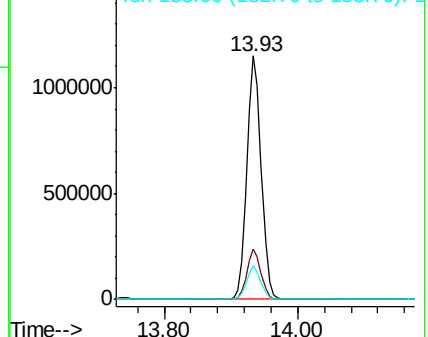


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.754 ng

RT: 13.69 min Scan# 1836

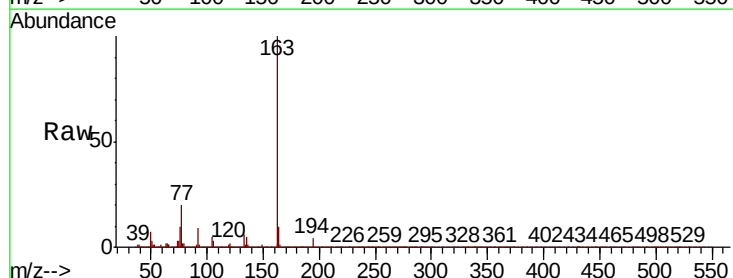
Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Tgt Ion:163 Resp: 1291130

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.2	12.4

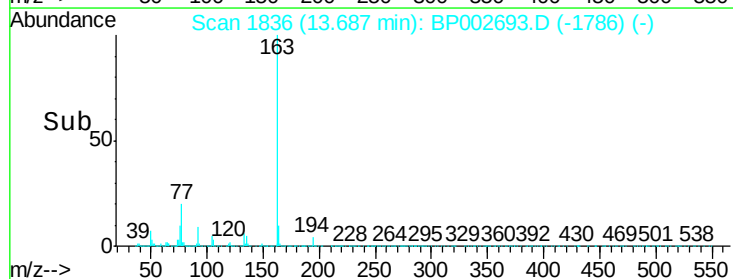
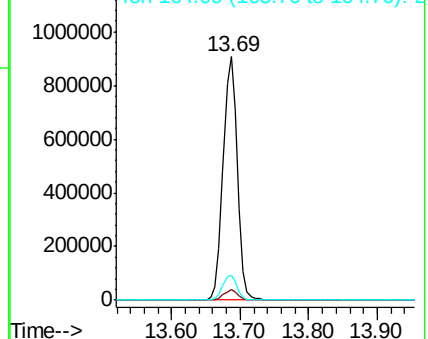


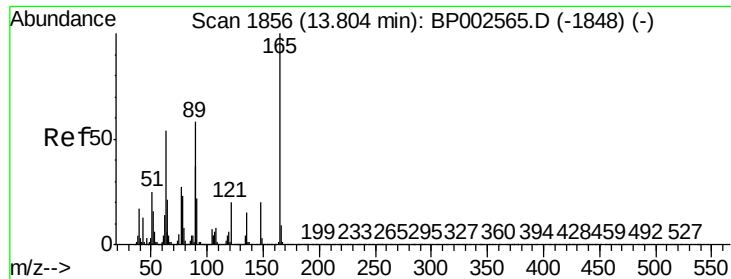
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

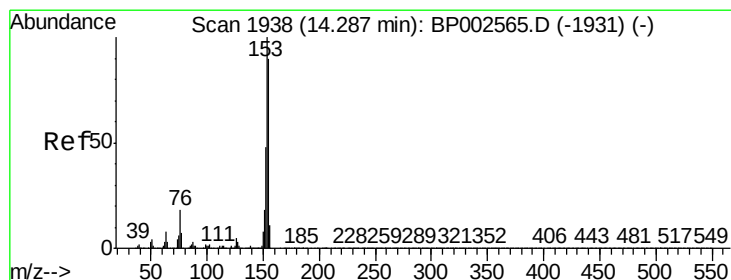
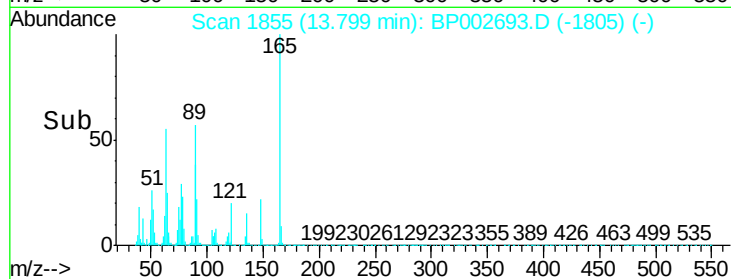
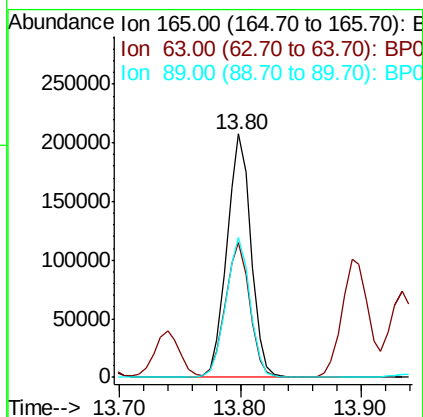
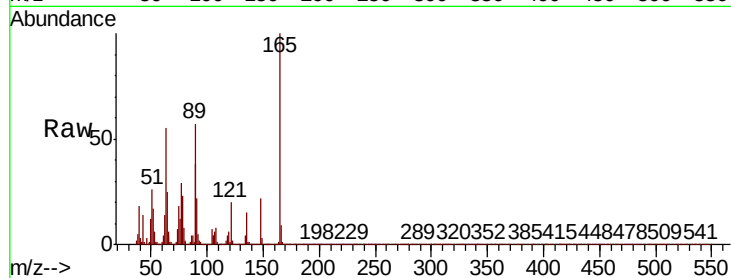




#51
 2,6-Dinitrotoluene
 Concen: 38.862 ng
 RT: 13.80 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BP002693.D
 Acq: 09 Jul 2020 12:21

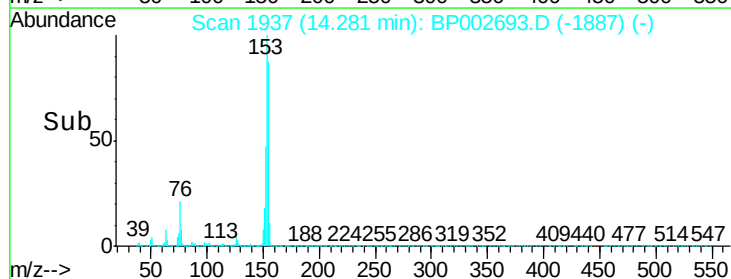
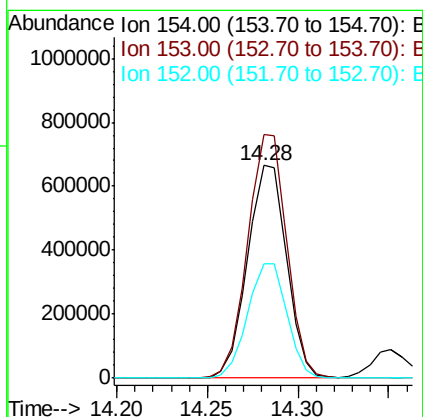
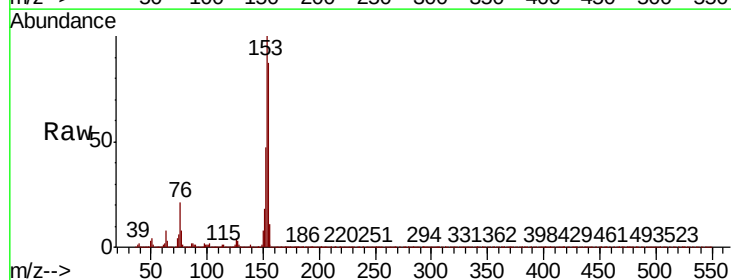
Instrument :
 BNA_P
 ClientSampled :
 PB129997BS

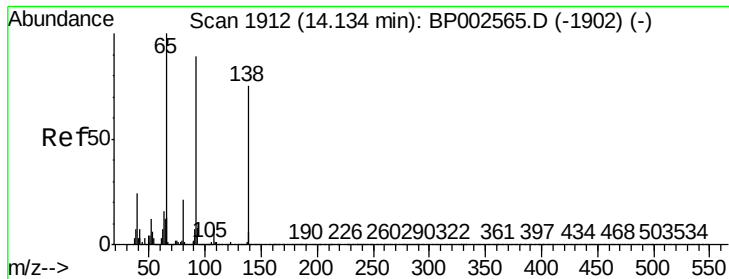
Tot Ion:165 Resp: 287034
 Ion Ratio Lower Upper
 165 100
 63 55.2 46.6 69.8
 89 57.3 46.3 69.5



#52
 Acenaphthene
 Concen: 40.217 ng
 RT: 14.28 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BP002693.D
 Acq: 09 Jul 2020 12:21

Tgt Ion:154 Resp: 1001206
 Ion Ratio Lower Upper
 154 100
 153 114.6 89.1 133.7
 152 54.1 43.2 64.8

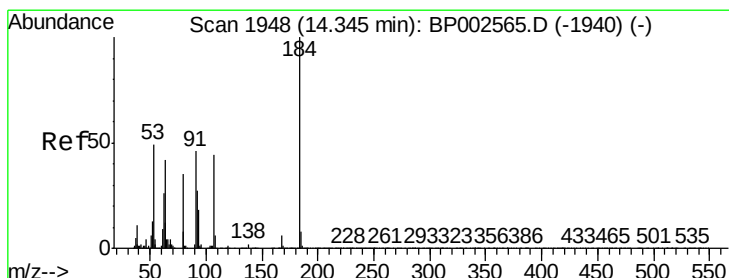
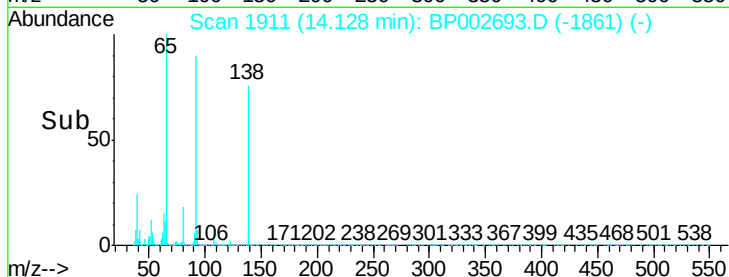
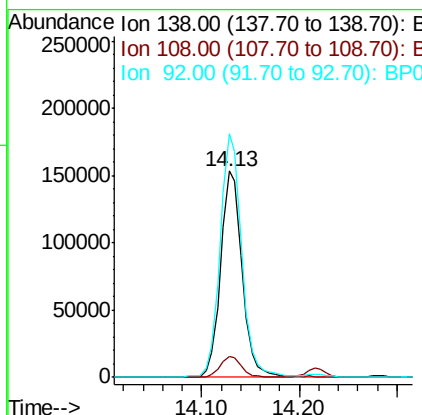
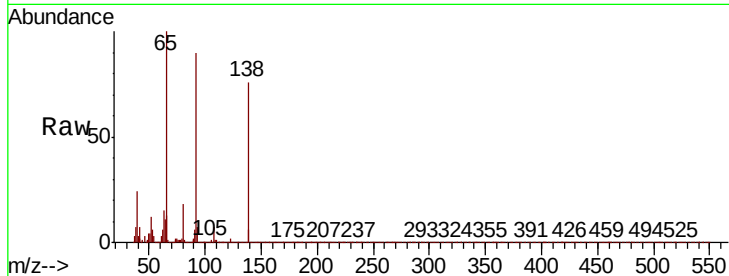




#53
3-Nitroaniline
Concen: 29.177 ng
RT: 14.13 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

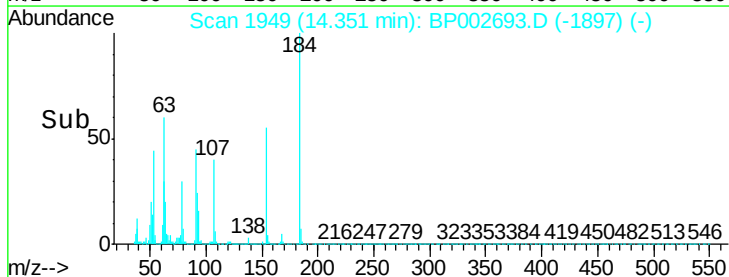
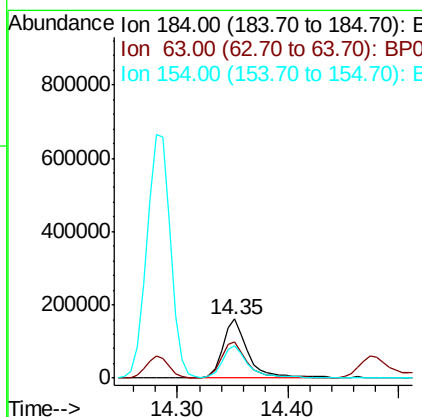
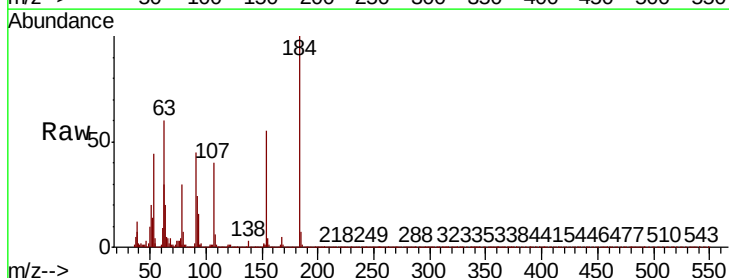
Instrument :
BNA_P
ClientSampleId :
PB129997BS

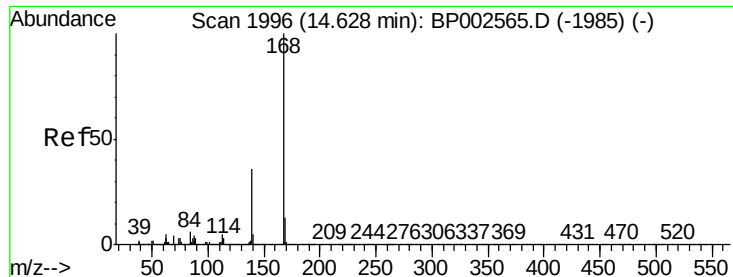
Tot Ion:138 Resp: 234645
Ion Ratio Lower Upper
138 100
108 9.9 8.6 12.8
92 118.1 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 57.618 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:184 Resp: 256918
Ion Ratio Lower Upper
184 100
63 60.5 56.2 84.2
154 54.9 50.9 76.3





#55

Dibenzofuran

Concen: 39.316 ng

RT: 14.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Instrument :

BNA_P

ClientSampleId :

PB129997BS

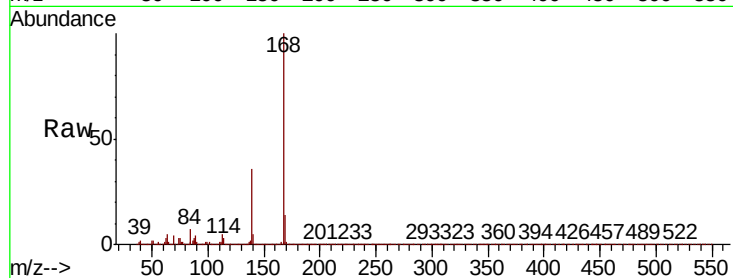
Tot Ion:168 Resp: 1586154

Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.3	43.9
169	13.7	10.6	15.8

168 100

139 35.7 29.3 43.9

169 13.7 10.6 15.8

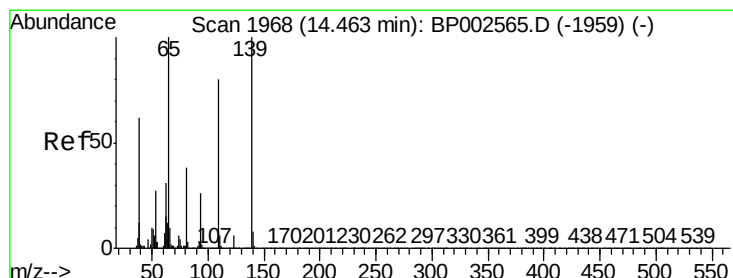
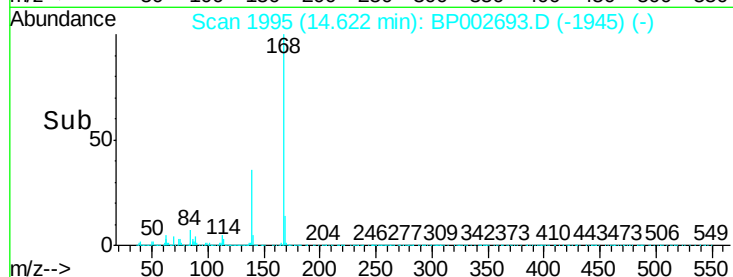
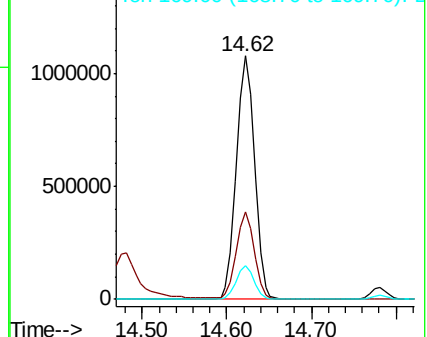


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 68.869 ng

RT: 14.48 min Scan# 1971

Delta R.T. 0.02 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

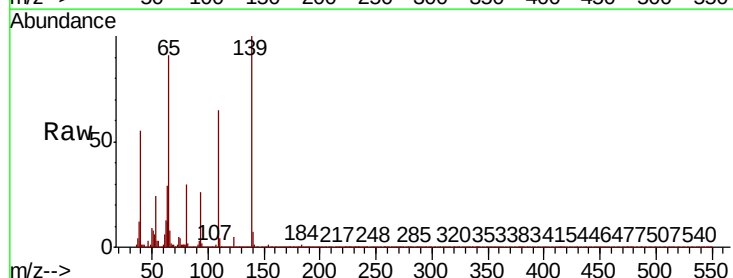
Tgt Ion:139 Resp: 435001

Ion	Ratio	Lower	Upper
139	100		
109	64.5	60.1	100.1
65	90.5	80.3	120.3

139 100

109 64.5 60.1 100.1

65 90.5 80.3 120.3

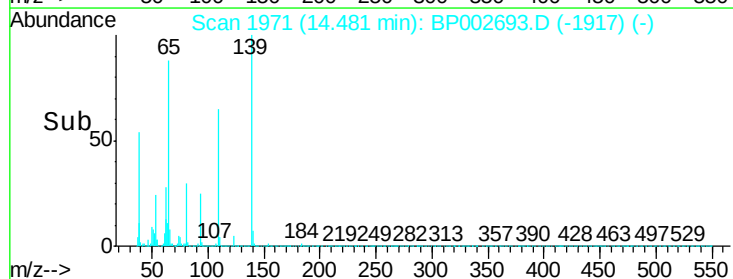
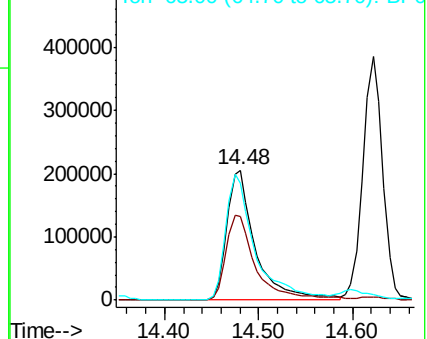


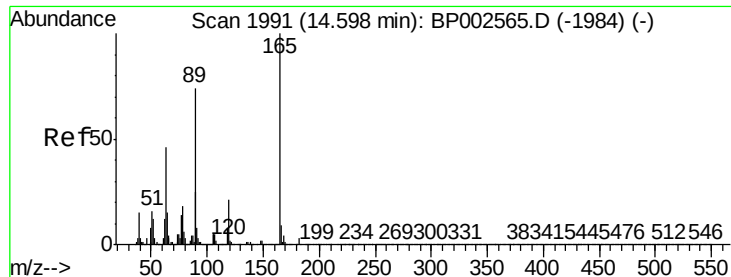
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

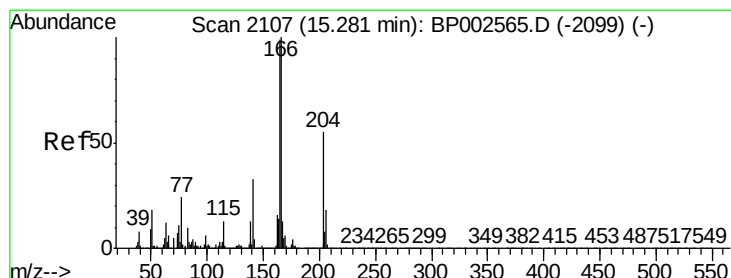
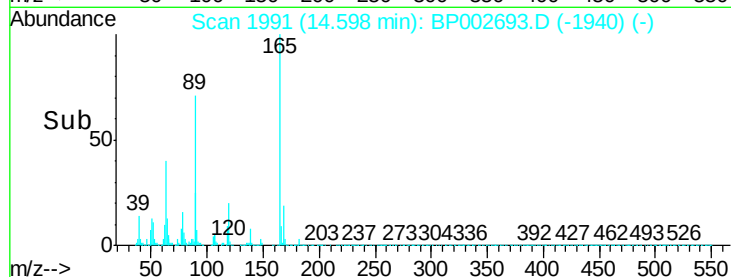
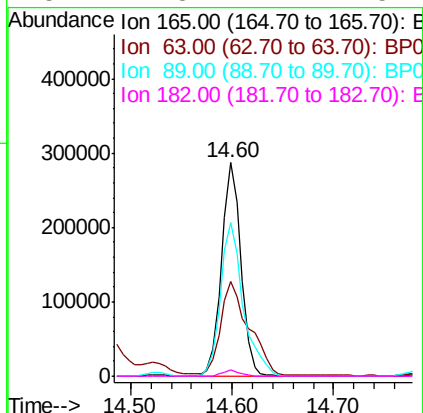
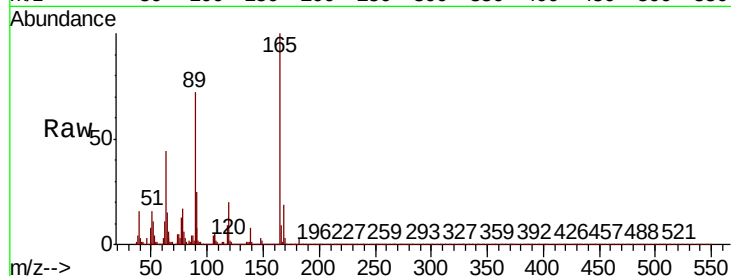




#57
2,4-Dinitrotoluene
Concen: 38.388 ng
RT: 14.60 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

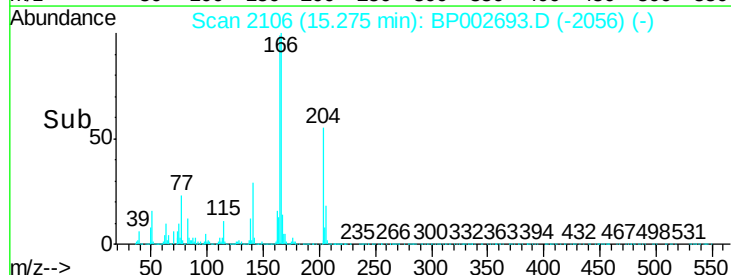
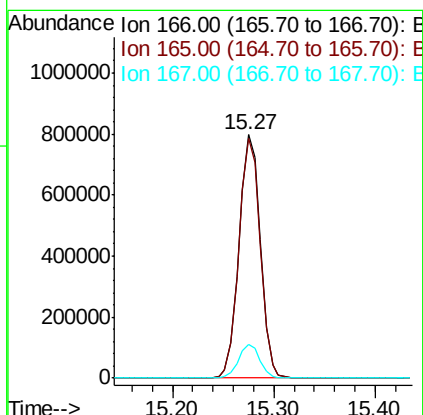
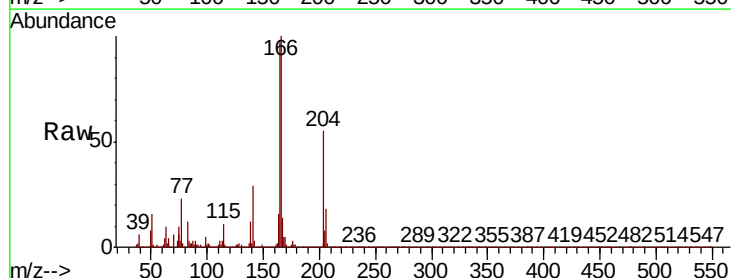
Instrument :
BNA_P
ClientSampleId :
PB129997BS

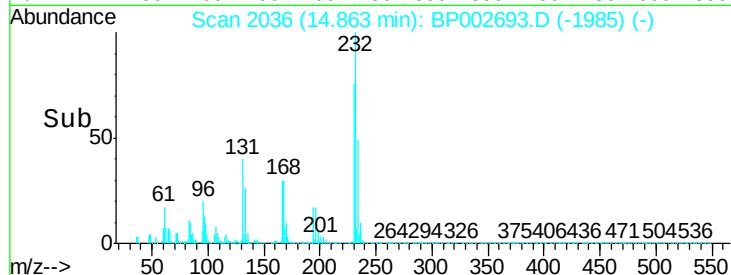
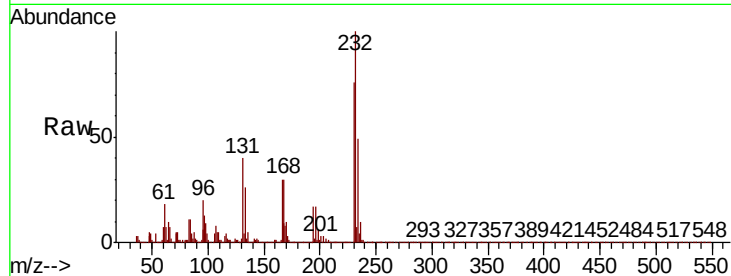
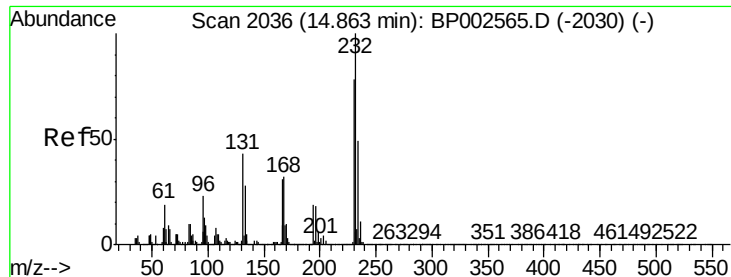
Tot Ion:165 Resp: 381406
Ion Ratio Lower Upper
165 100
63 44.3 37.3 55.9
89 71.9 59.4 89.0
182 2.8 2.2 3.2



#58
Fluorene
Concen: 37.962 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:166 Resp: 1166405
Ion Ratio Lower Upper
166 100
165 98.5 79.1 118.7
167 14.0 10.8 16.2

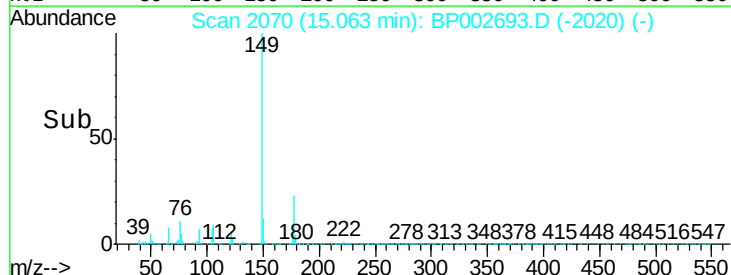
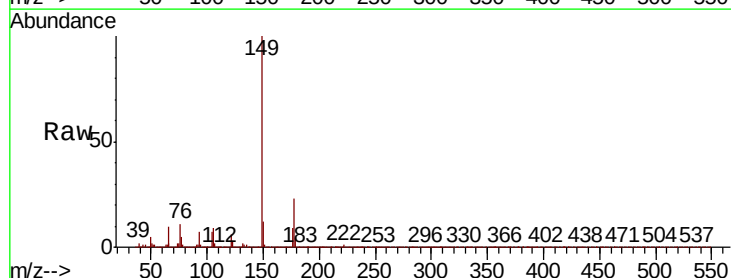
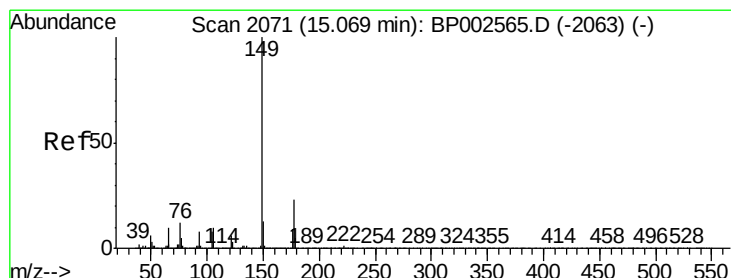
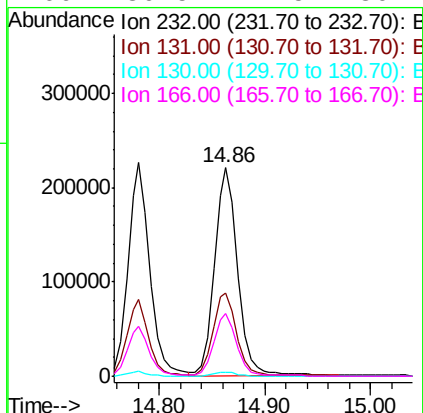




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.390 ng
RT: 14.86 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

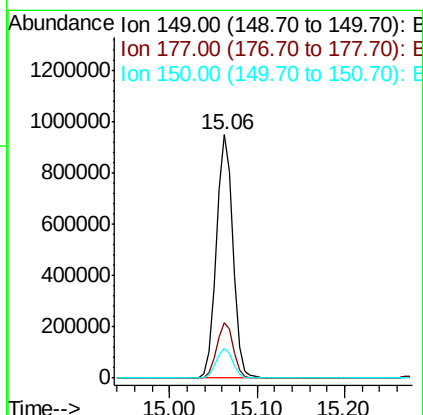
Instrument :
BNA_P
ClientSampleId :
PB129997BS

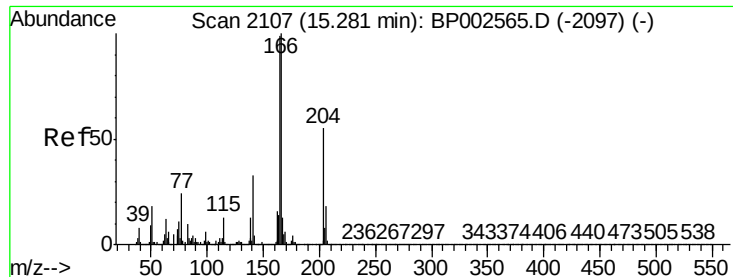
Tot Ion:232	Resp:	336975	
Ion Ratio	Lower	Upper	
232 100			
131 41.8	34.4	51.6	
130 2.1	1.8	2.6	
166 30.5	24.5	36.7	



#60
Diethylphthalate
Concen: 36.767 ng
RT: 15.06 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion	149	Resp: Lower	1250315 Upper
	Ratio		
149	100		
177	22.7	18.6	27.8
150	12.2	10.2	15.2

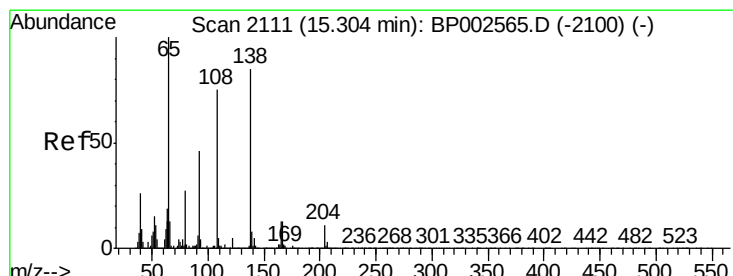
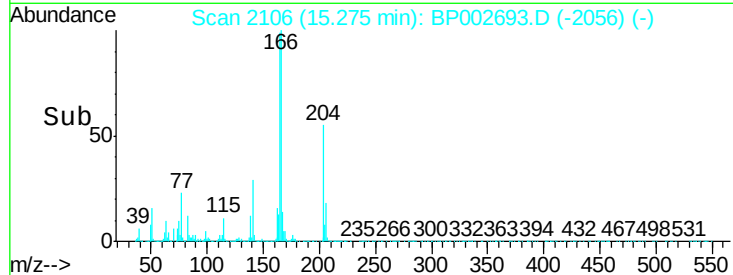
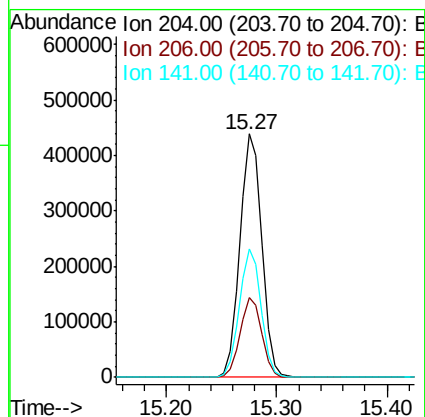
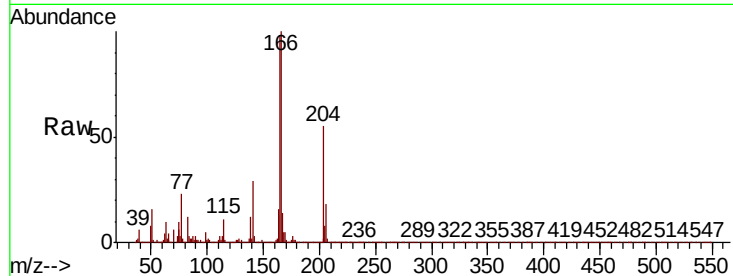




#61
4-Chlorophenyl-phenylether
Concen: 37.122 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

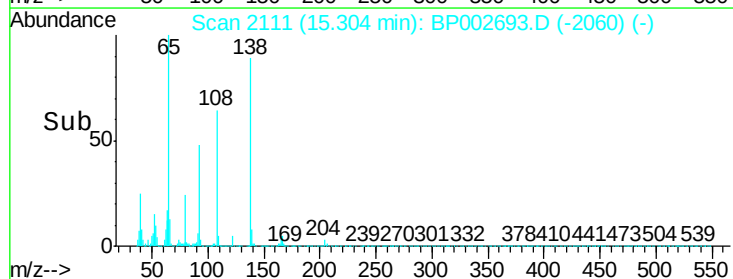
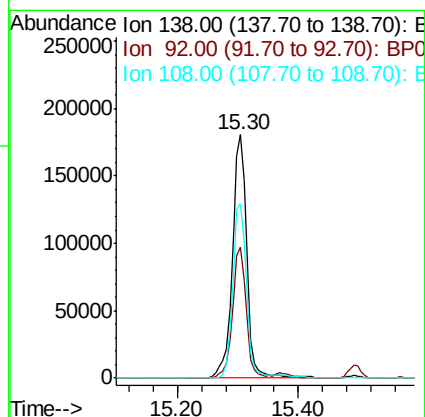
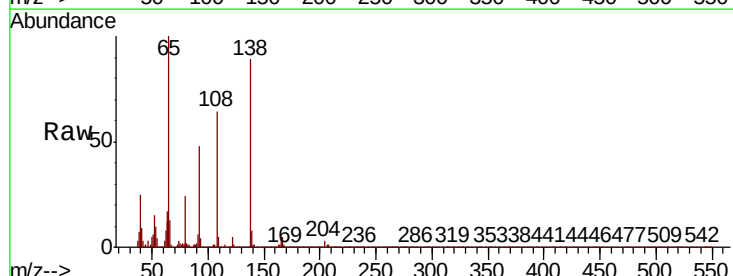
Instrument :
BNA_P
ClientSampleId :
PB129997BS

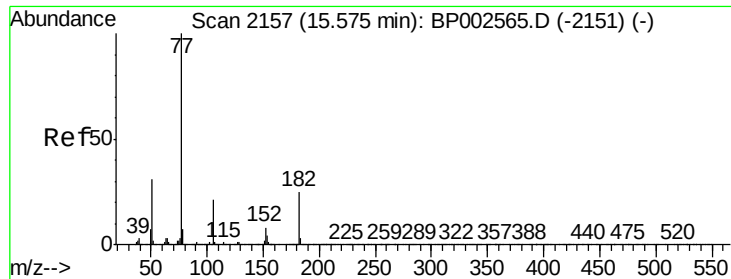
Tot Ion:204 Resp: 611679
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 52.6 47.7 71.5



#62
4-Nitroaniline
Concen: 37.411 ng
RT: 15.30 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:138 Resp: 300707
Ion Ratio Lower Upper
138 100
92 54.0 33.9 73.9
108 71.5 67.8 107.8

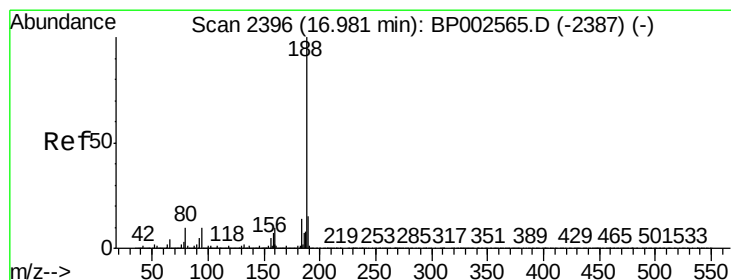
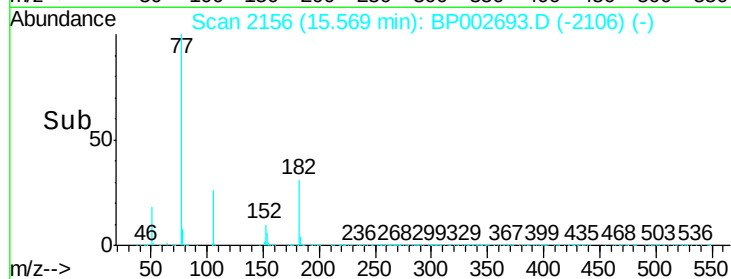
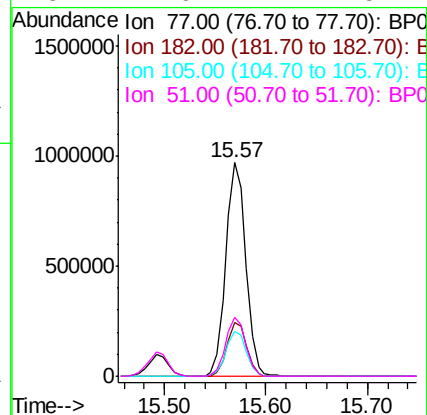
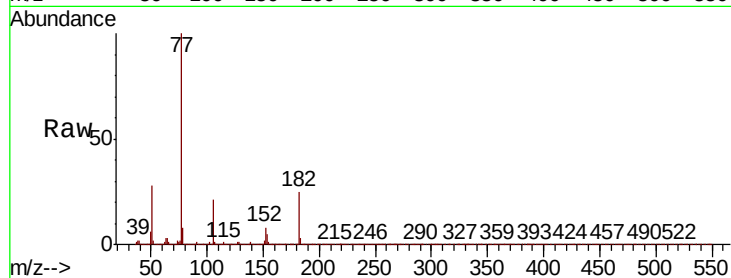




#63
Azobenzene
Concen: 40.212 ng
RT: 15.57 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

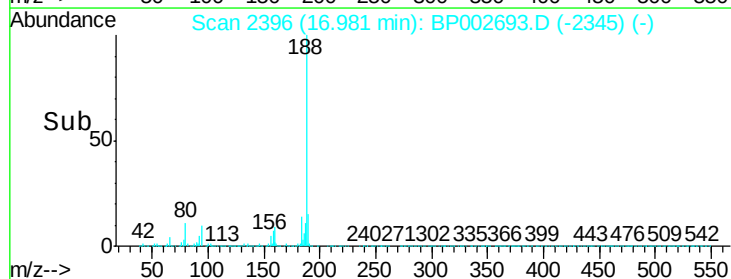
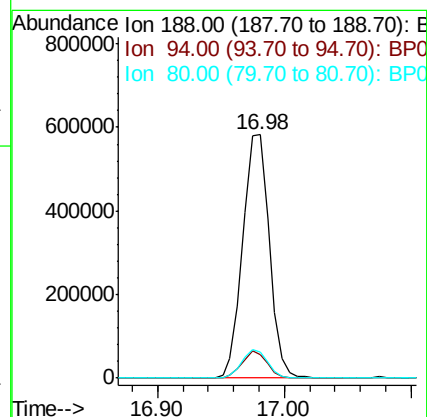
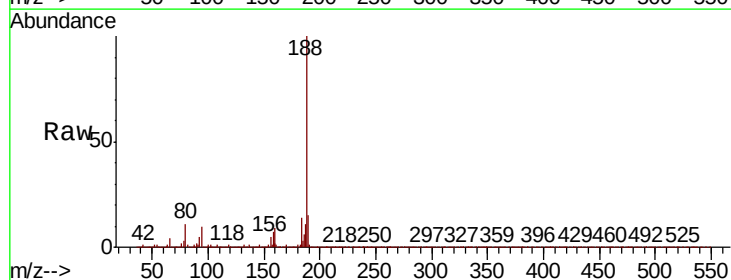
Instrument :
BNA_P
ClientSampled :
PB129997BS

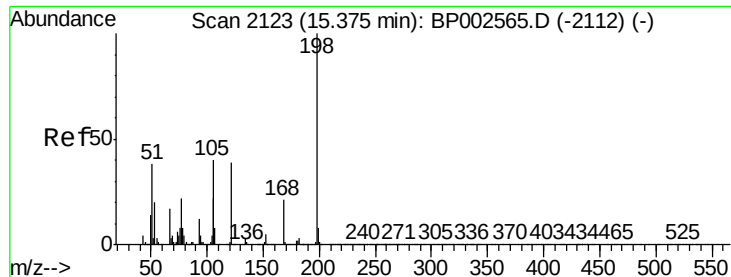
Tot Ion: 77 Resp: 1322232
Ion Ratio Lower Upper
77 100
182 24.9 4.7 44.7
105 20.9 0.6 40.6
51 27.9 11.2 51.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:188 Resp: 845839
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.6 8.2 12.4

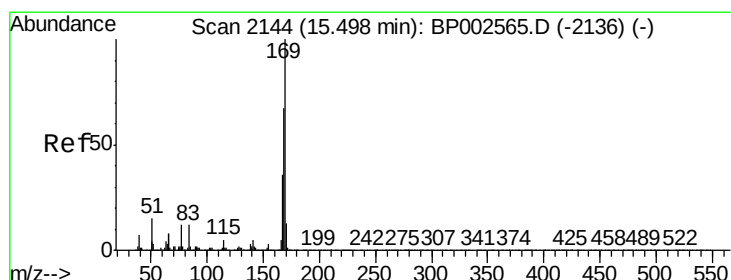
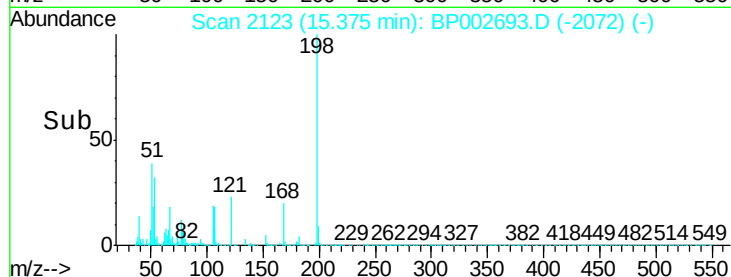
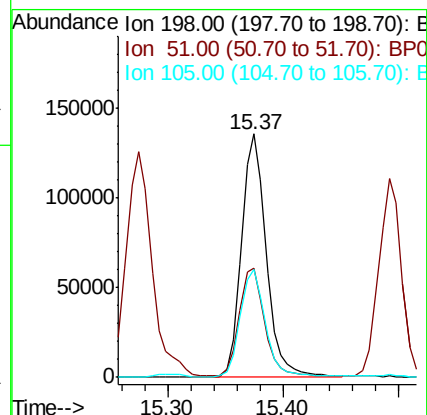
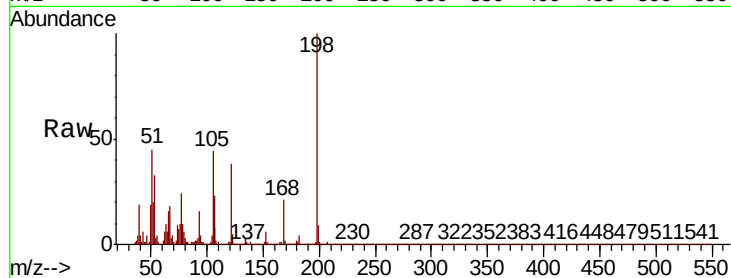




#65
4,6-Dinitro-2-methylphenol
Concen: 37.754 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

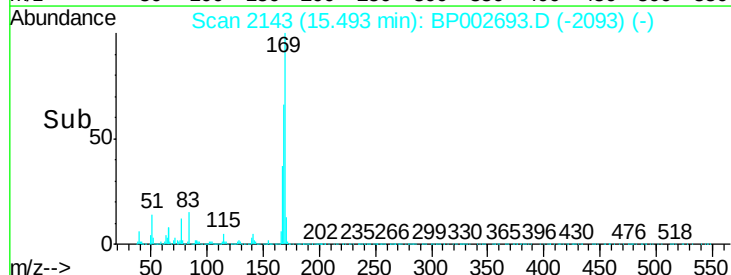
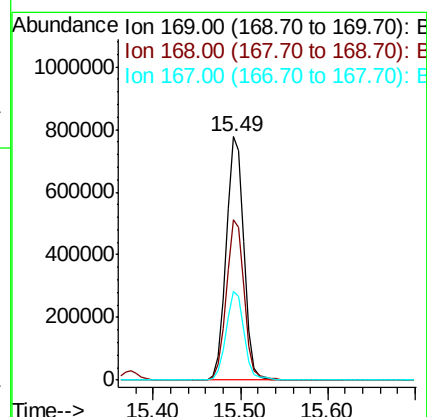
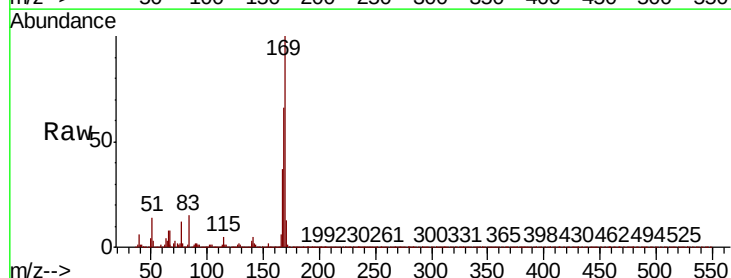
Instrument :
BNA_P
ClientSampleId :
PB129997BS

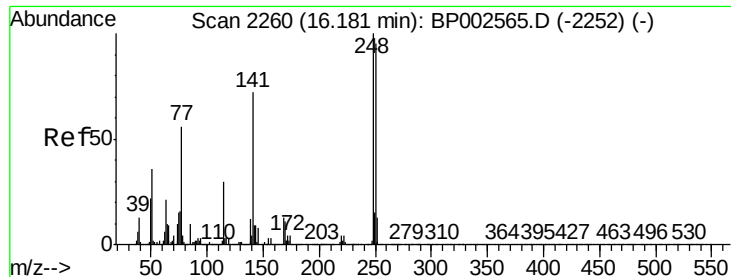
Tot Ion:198 Resp: 202201
Ion Ratio Lower Upper
198 100
51 44.8 24.2 64.2
105 44.4 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 43.830 ng
RT: 15.49 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:169 Resp: 1082245
Ion Ratio Lower Upper
169 100
168 65.9 53.5 80.3
167 36.6 29.1 43.7

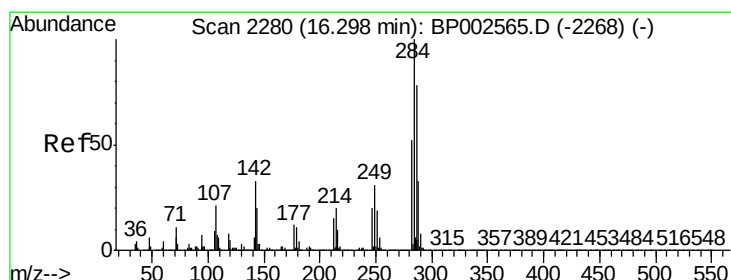
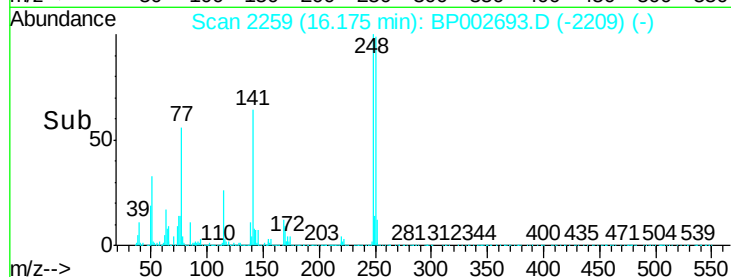
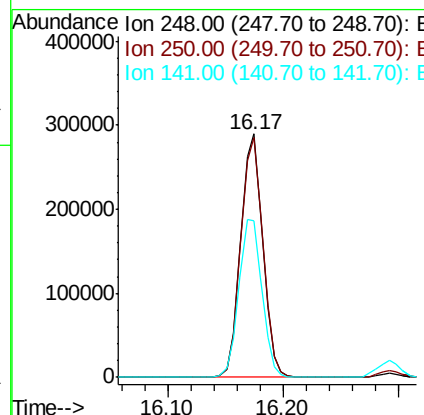
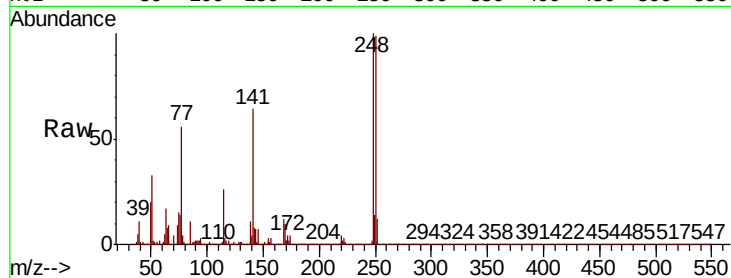




#67
4-Bromophenyl-phenylether
Concen: 40.307 ng
RT: 16.17 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

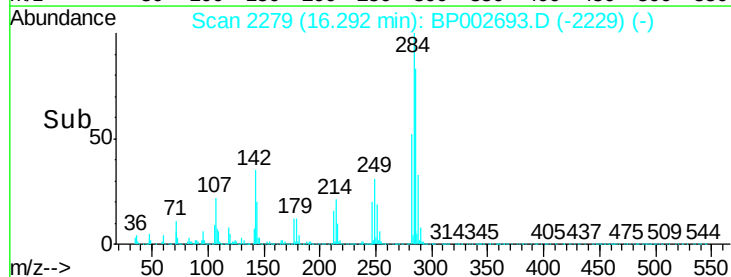
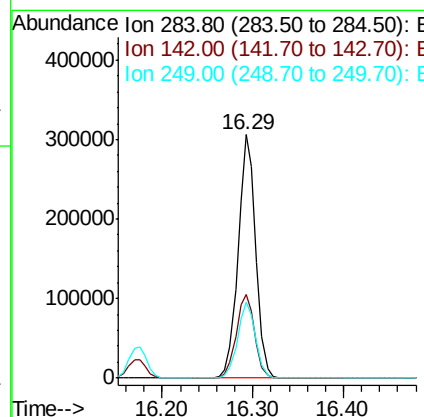
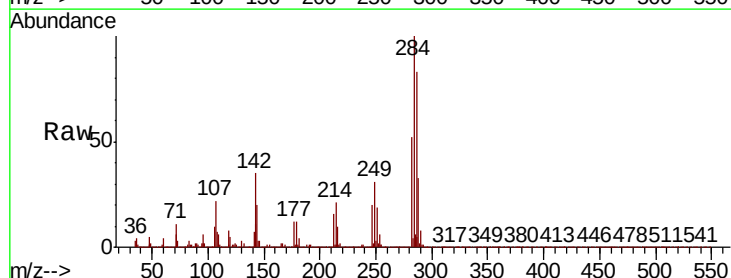
Instrument :
BNA_P
ClientSampleId :
PB129997BS

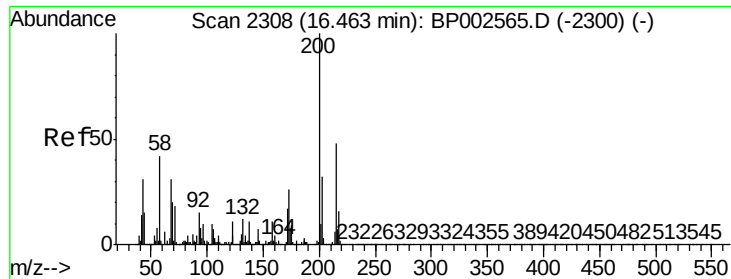
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.1	114.1
141	64.1	57.8	86.6



#68
Hexachlorobenzene
Concen: 40.629 ng
RT: 16.29 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	26.6	40.0
249	31.2	25.1	37.7

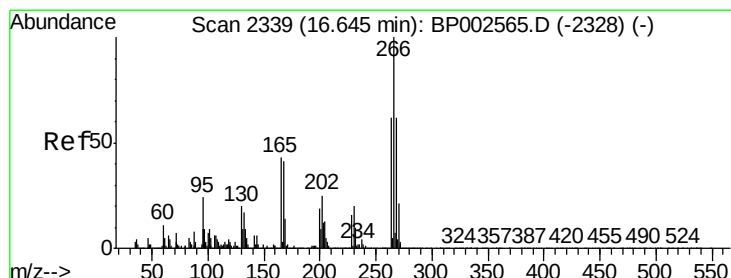
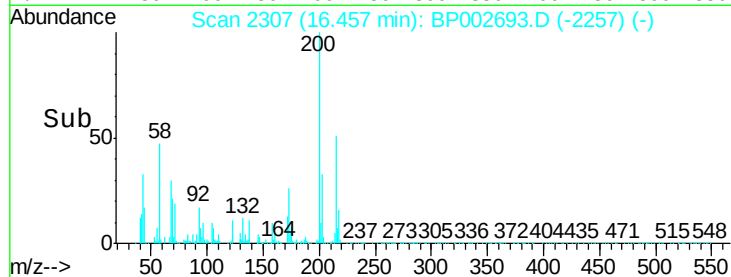
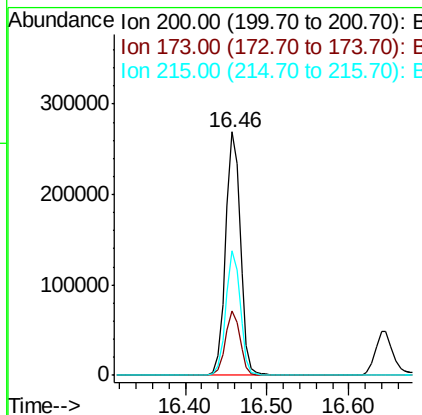
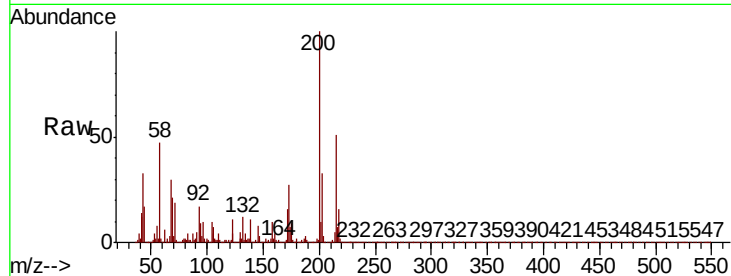




#69
Atrazine
Concen: 42.842 ng
RT: 16.46 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

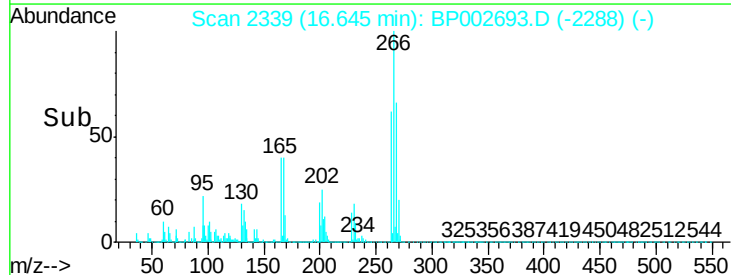
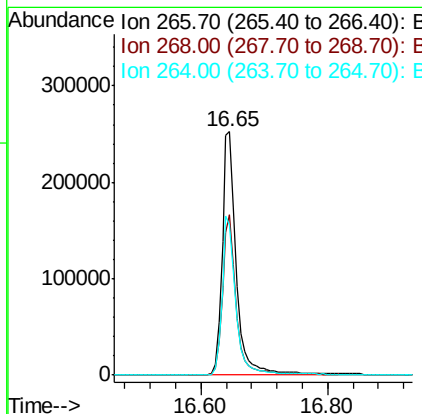
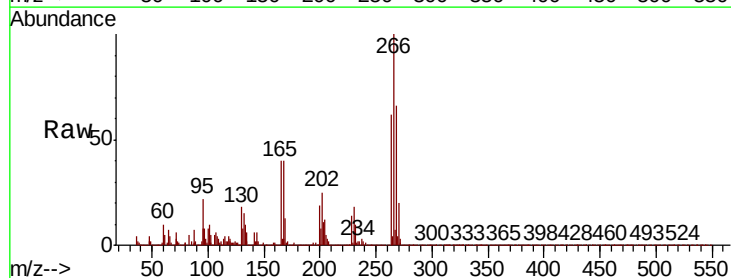
Instrument :
BNA_P
ClientSampleId :
PB129997BS

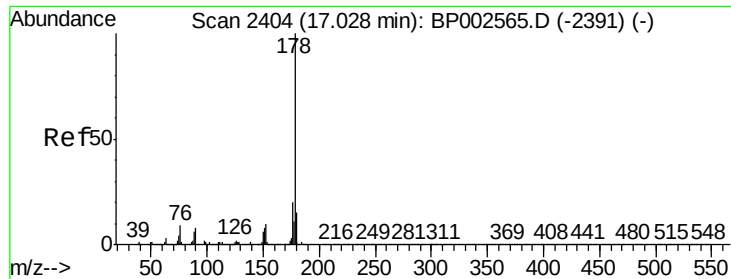
Tot Ion:200 Resp: 339437
Ion Ratio Lower Upper
200 100
173 26.7 6.3 46.3
215 51.0 28.3 68.3



#70
Pentachlorophenol
Concen: 69.558 ng
RT: 16.65 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:266 Resp: 402696
Ion Ratio Lower Upper
266 100
268 65.7 49.7 74.5
264 61.7 49.3 73.9

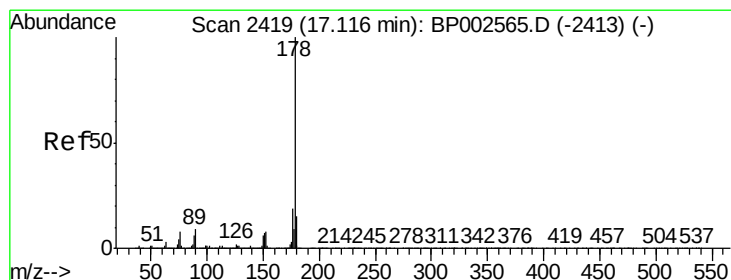
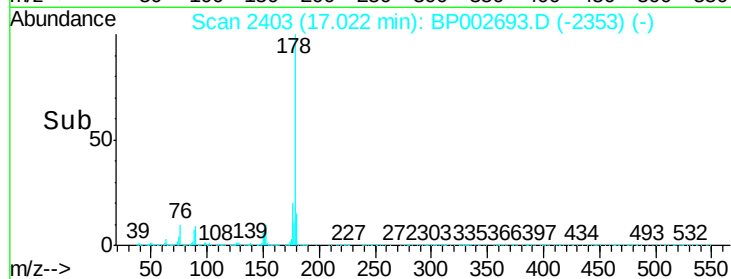
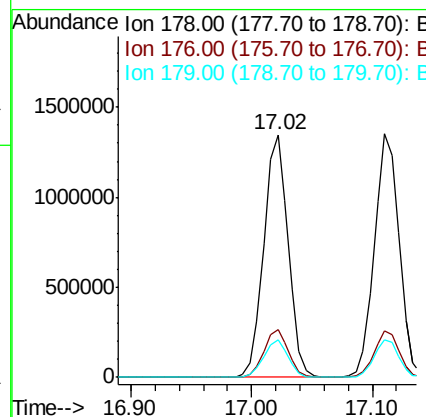
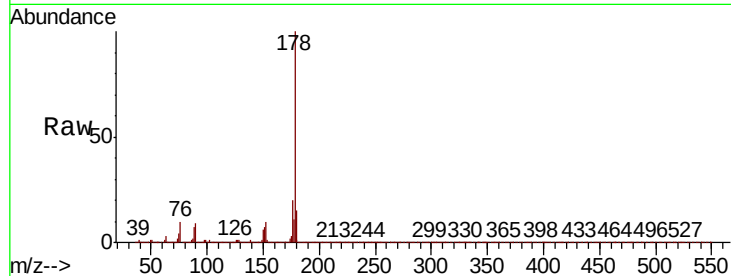




#71
Phenanthrene
Concen: 41.738 ng
RT: 17.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

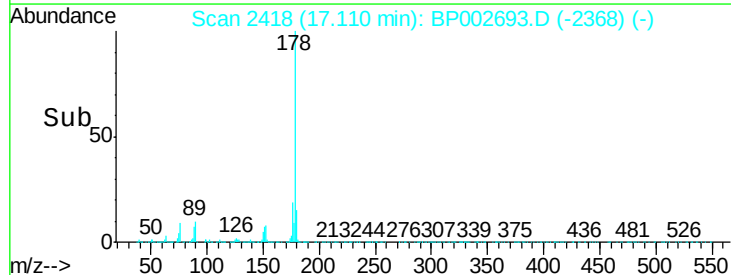
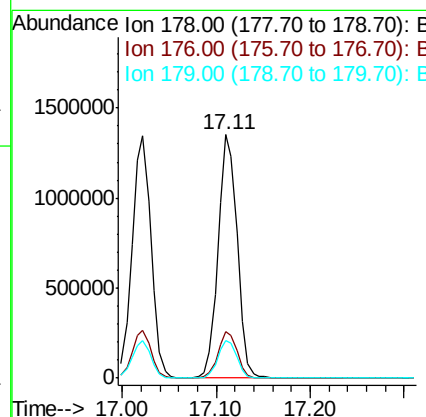
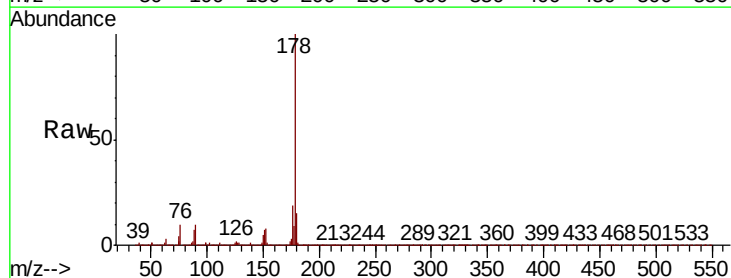
Instrument :
BNA_P
ClientSampleId :
PB129997BS

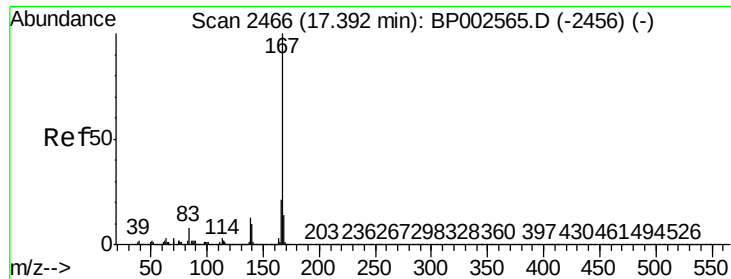
Tot Ion:178 Resp: 1899491
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.2 12.1 18.1



#72
Anthracene
Concen: 42.579 ng
RT: 17.11 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:178 Resp: 1928250
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.2 12.2 18.2



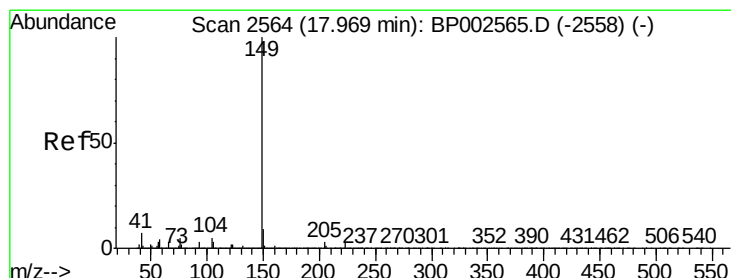
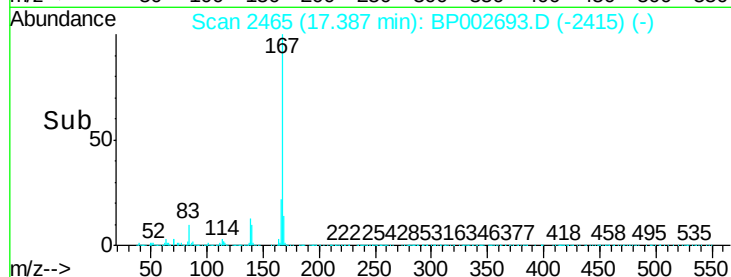
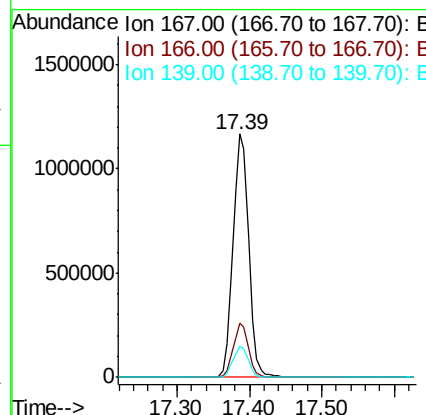
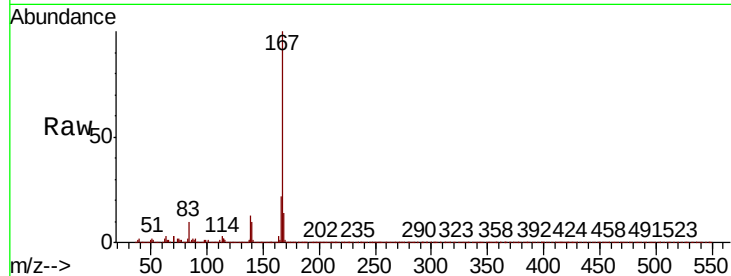


#73
 Carbazole
 Concen: 39.990 ng
 RT: 17.39 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BP002693.D
 Acq: 09 Jul 2020 12:21

Instrument :
 BNA_P
 ClientSampleId :
 PB129997BS

Tot Ion:167 Resp: 1750263

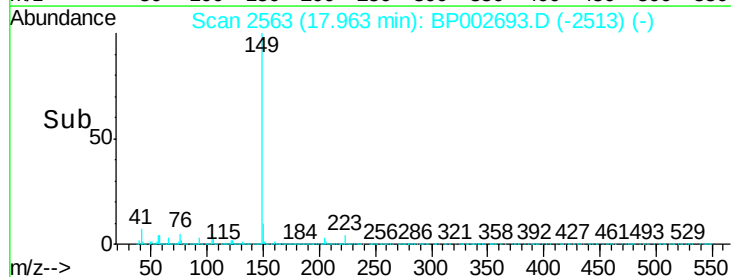
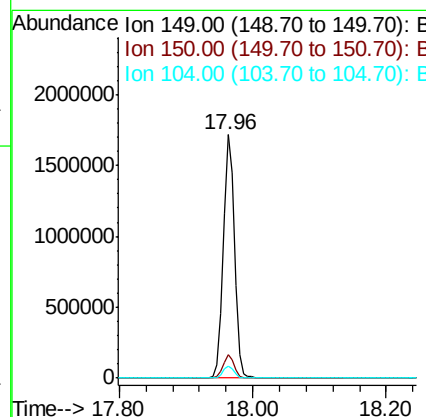
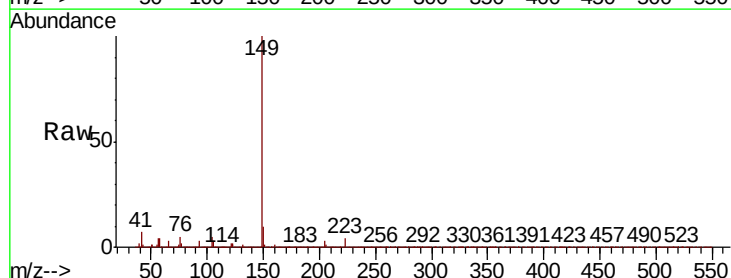
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.1	25.7
139	12.9	10.5	15.7

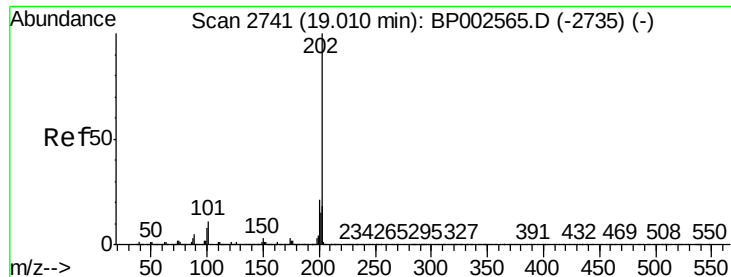


#74
 Di-n-butylphthalate
 Concen: 39.664 ng
 RT: 17.96 min Scan# 2563
 Delta R.T. -0.01 min
 Lab File: BP002693.D
 Acq: 09 Jul 2020 12:21

Tgt Ion:149 Resp: 2044448

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.3	10.9
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 38.739 ng

RT: 19.01 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Instrument :

BNA_P

ClientSampleId :

PB129997BS

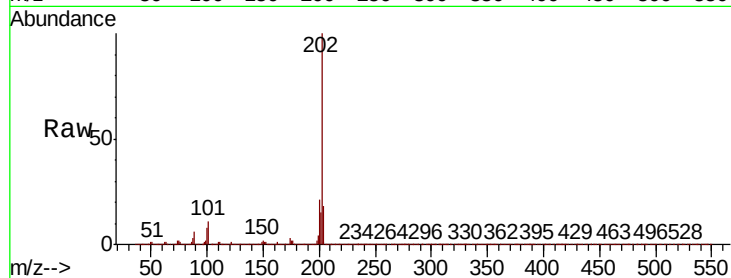
Tot Ion:202 Resp: 2134009

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.6
203	17.7	0.0	37.7

202 100

101 11.4 0.0 30.6

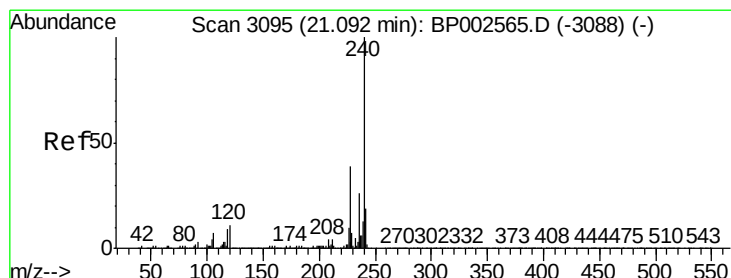
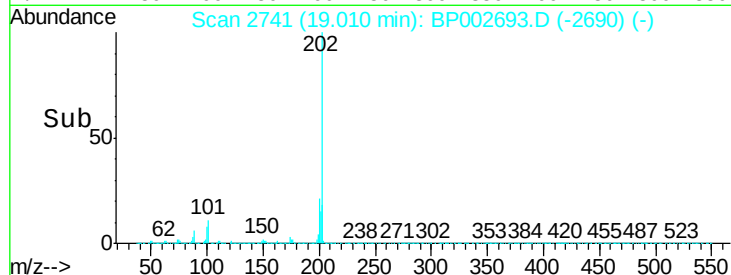
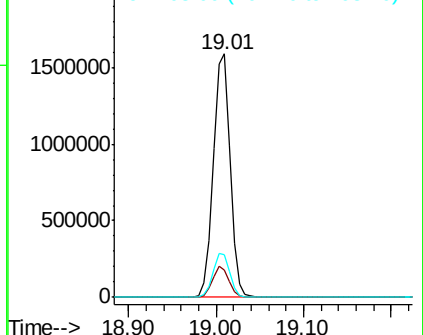
203 17.7 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

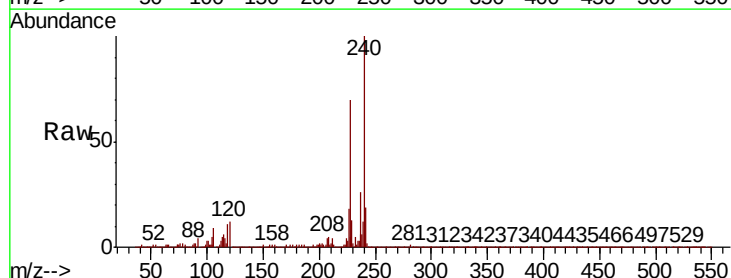
Tgt Ion:240 Resp: 718739

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.6	13.0
236	26.3	20.8	31.2

240 100

120 12.5 8.6 13.0

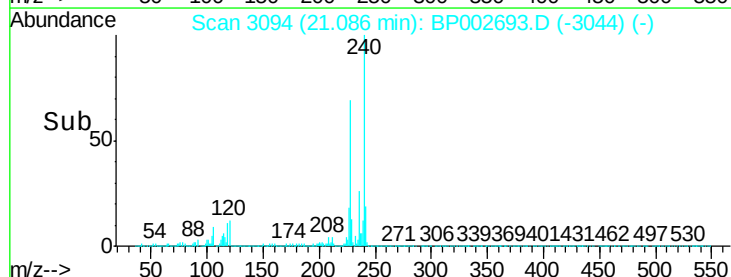
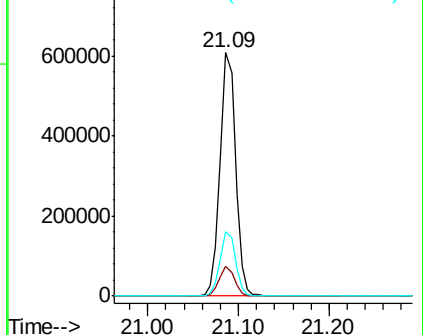
236 26.3 20.8 31.2

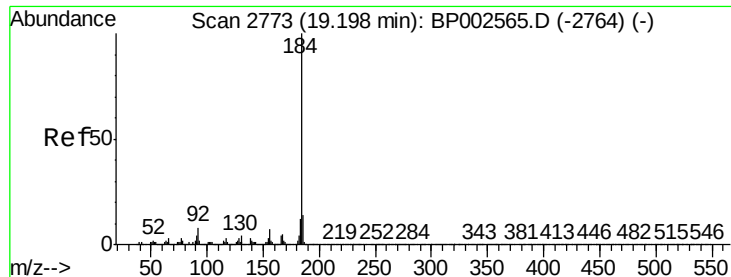


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Instrument :

BNA_P

ClientSampleId :

PB129997BS

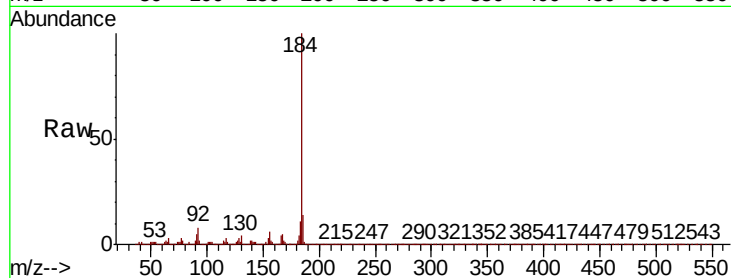
Tot Ion:184 Resp: 1109385

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.2

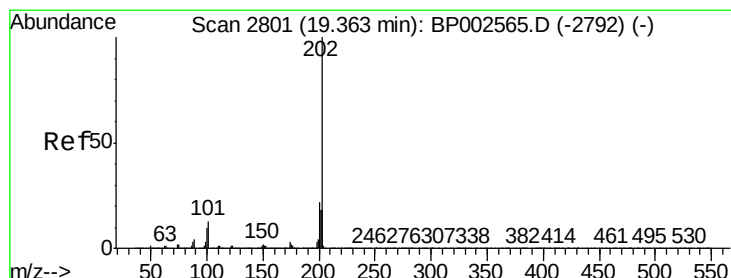
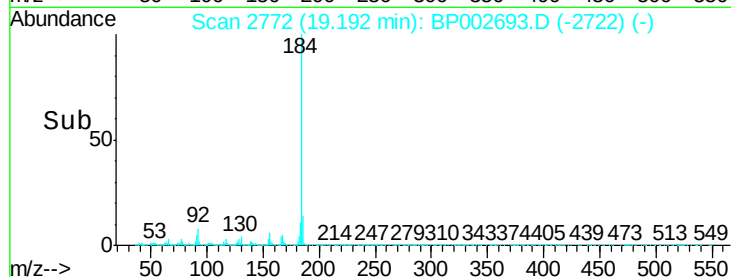
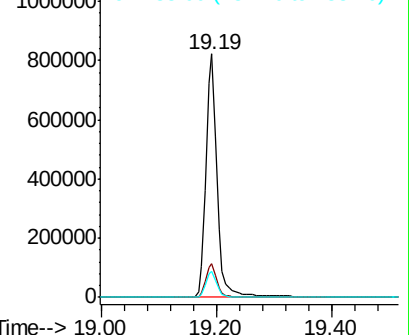
183 10.9 9.2 13.8



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: 44.454 ng

RT: 19.36 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

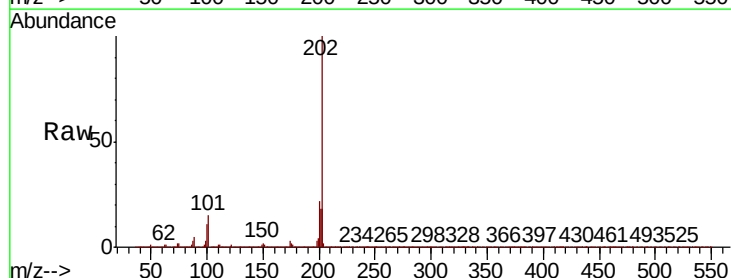
Tgt Ion:202 Resp: 2174808

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

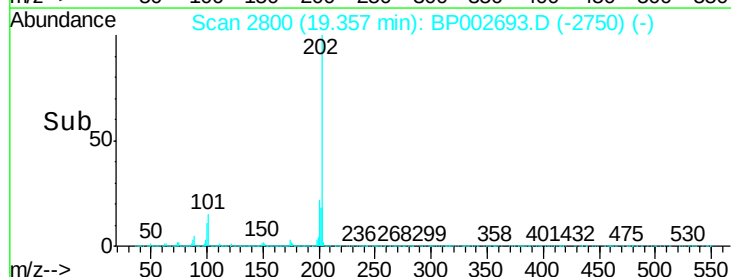
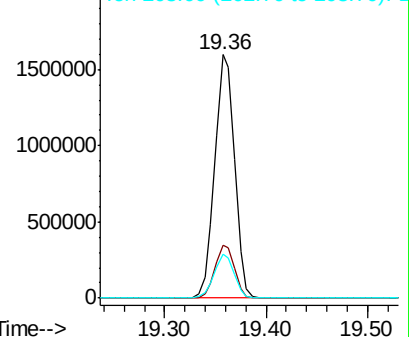
203 18.2 14.4 21.6

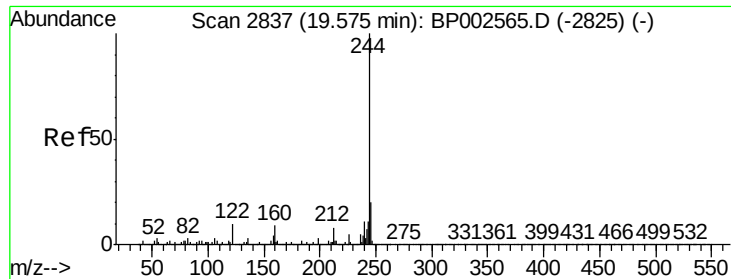


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.171 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Instrument :

BNA_P

ClientSampleId :

PB129997BS

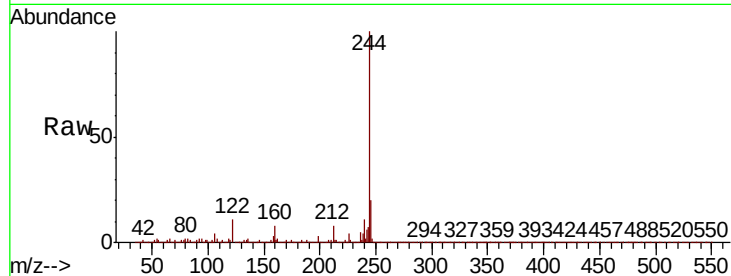
Tot Ion:244 Resp: 2935951

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

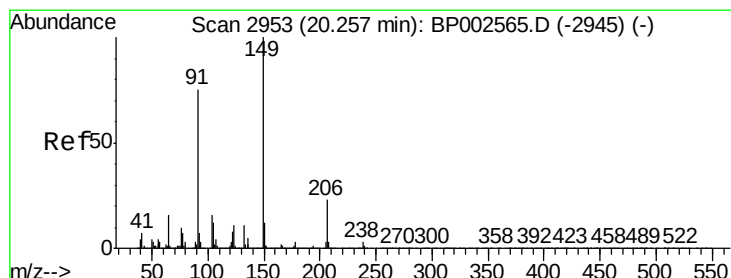
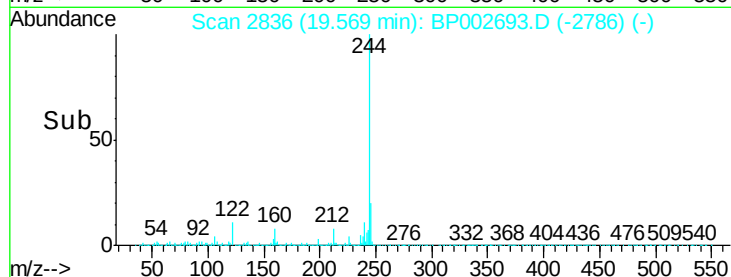
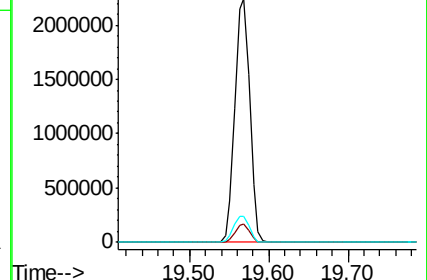
122 10.8 7.9 11.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.136 ng

RT: 20.25 min Scan# 2952

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

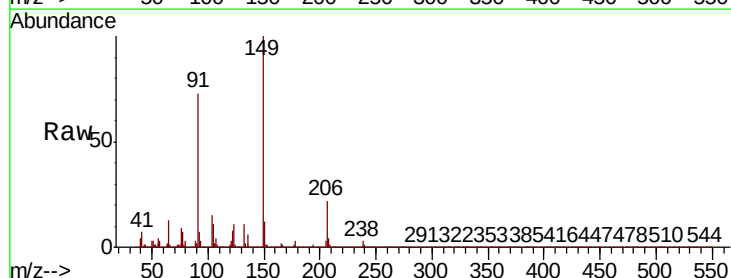
Tgt Ion:149 Resp: 899950

Ion Ratio Lower Upper

149 100

91 72.9 59.8 89.6

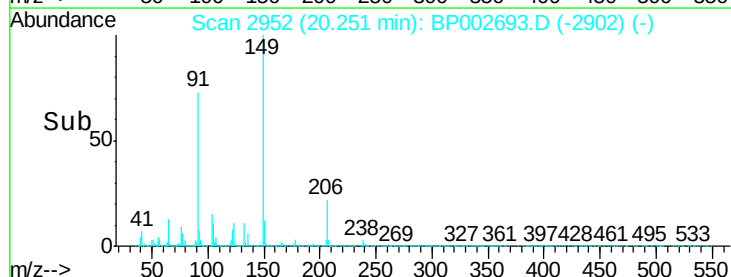
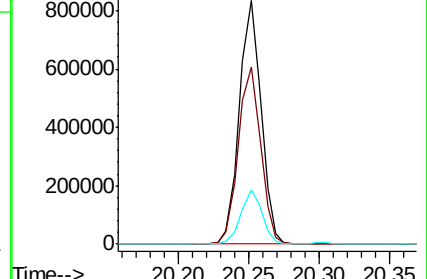
206 22.2 18.2 27.4

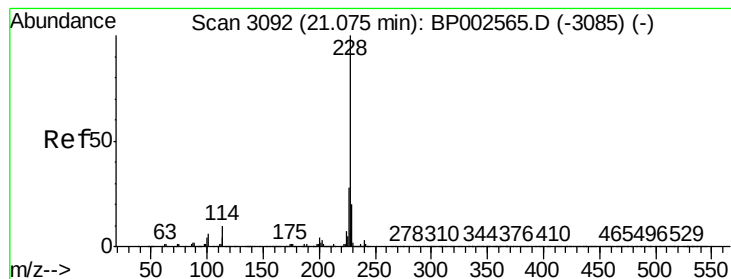


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.170 ng

RT: 21.07 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Instrument :

BNA_P

ClientSampleId :

PB129997BS

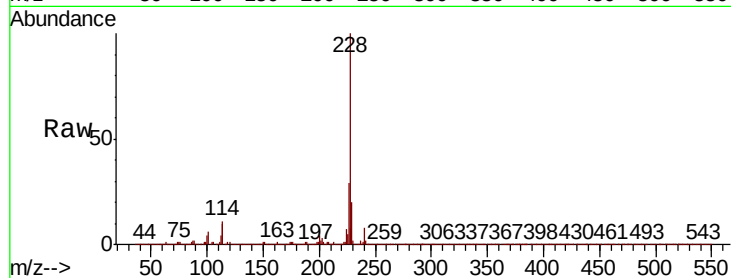
Tot Ion:228 Resp: 1934533

Ion Ratio Lower Upper

228 100

226 28.7 22.5 33.7

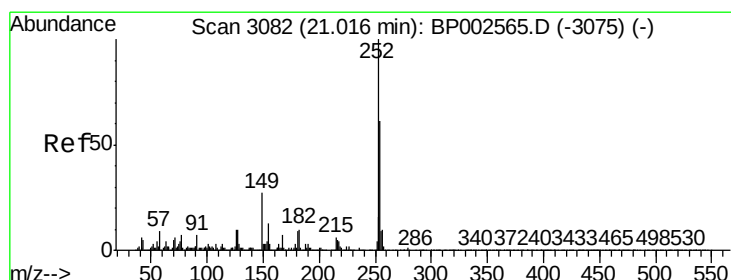
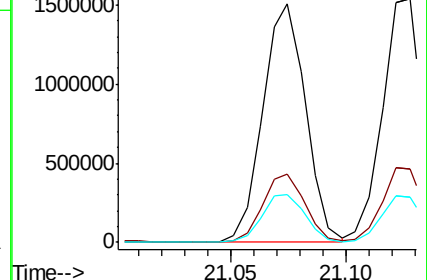
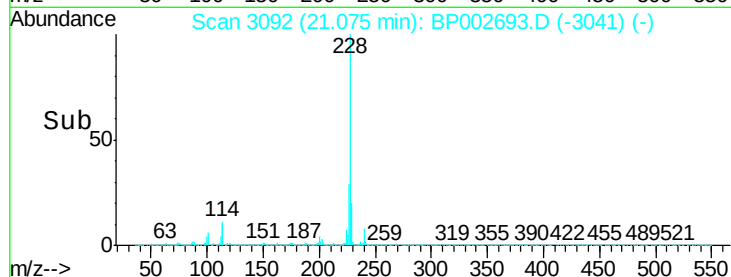
229 20.3 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.673 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

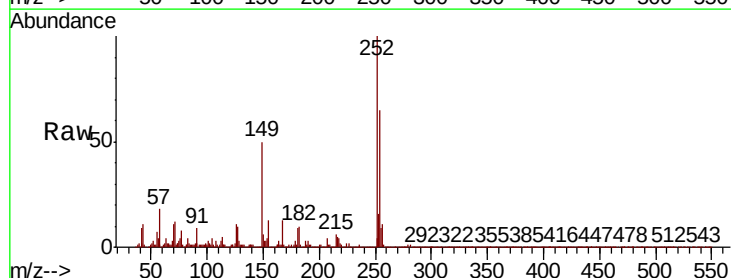
Tgt Ion:252 Resp: 630892

Ion Ratio Lower Upper

252 100

254 65.3 49.0 73.6

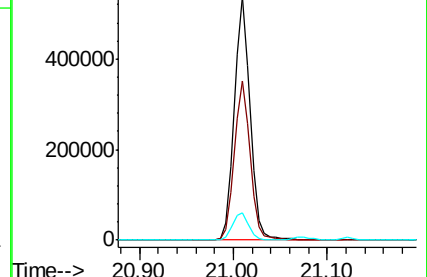
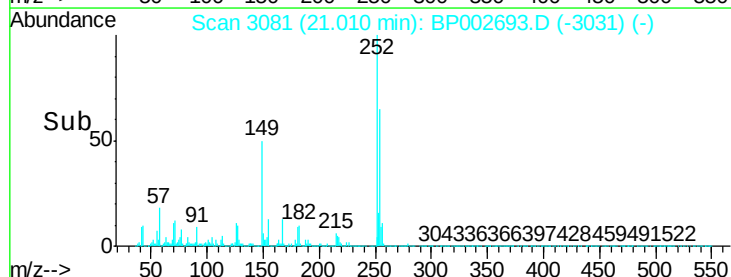
126 11.0 7.9 11.9

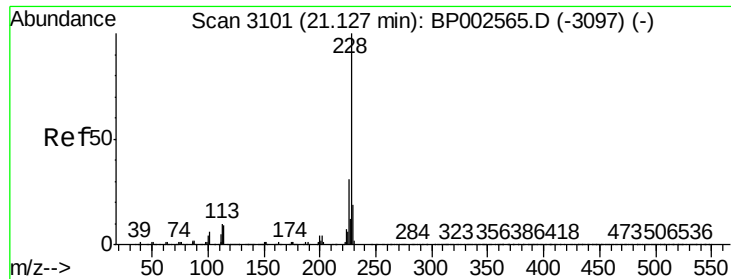


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

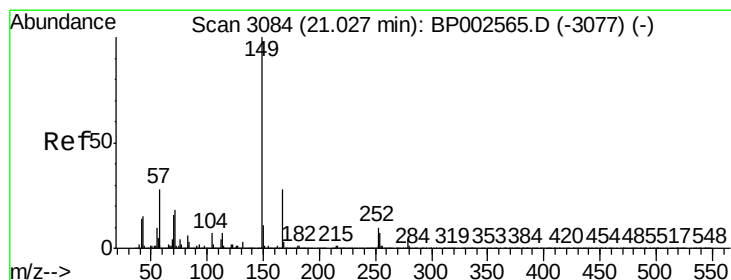
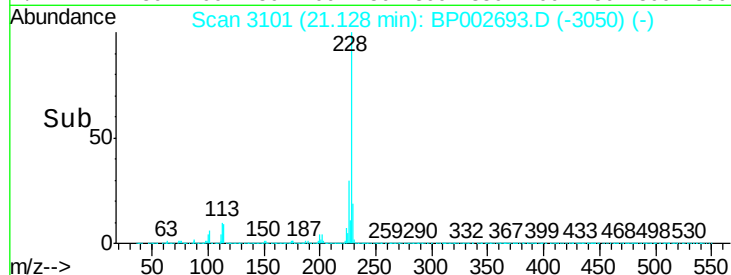
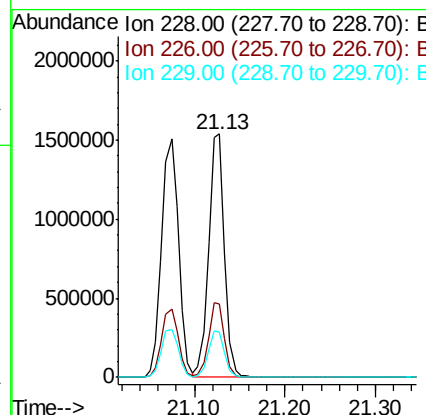
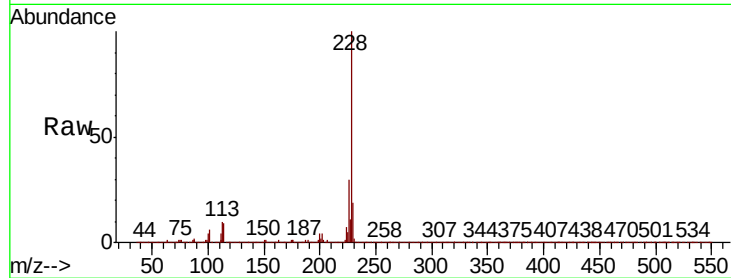




#83
 Chrysene
 Concen: 41.880 ng
 RT: 21.13 min Scan# 3101
 Delta R.T. 0.00 min
 Lab File: BP002693.D
 Acq: 09 Jul 2020 12:21

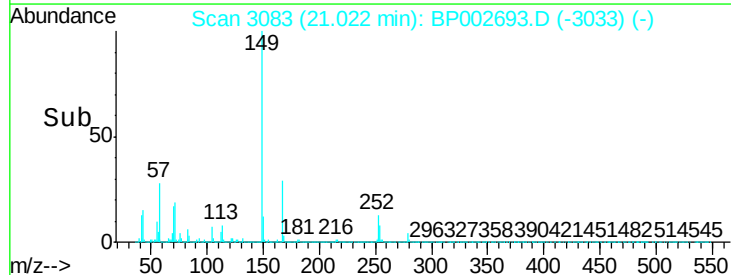
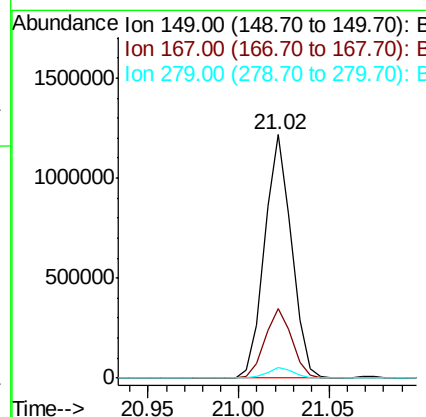
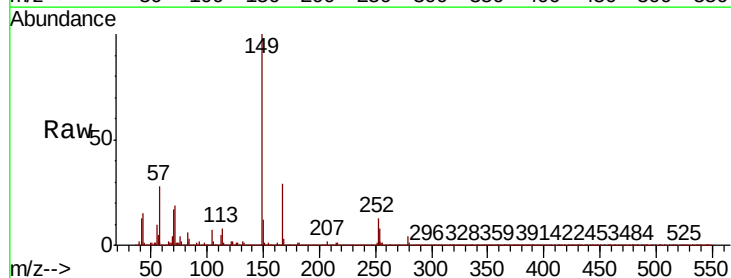
Instrument :
 BNA_P
 ClientSampleId :
 PB129997BS

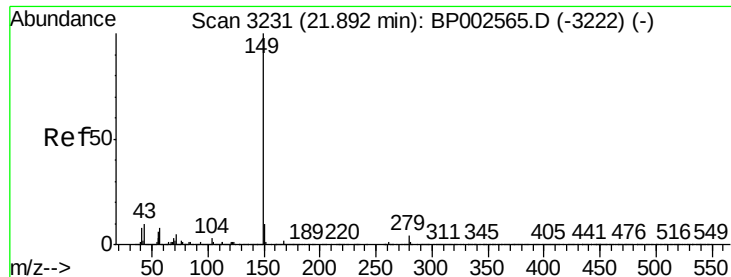
Tot Ion:228 Resp: 1887025
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.6 37.0
 229 18.8 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.038 ng
 RT: 21.02 min Scan# 3083
 Delta R.T. -0.01 min
 Lab File: BP002693.D
 Acq: 09 Jul 2020 12:21

Tgt Ion:149 Resp: 1258605
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.1 33.1
 279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 41.157 ng

RT: 21.89 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Instrument :

BNA_P

ClientSampleId :

PB129997BS

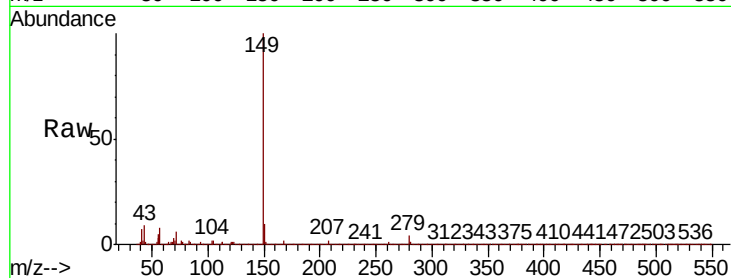
Tot Ion:149 Resp: 2229422

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

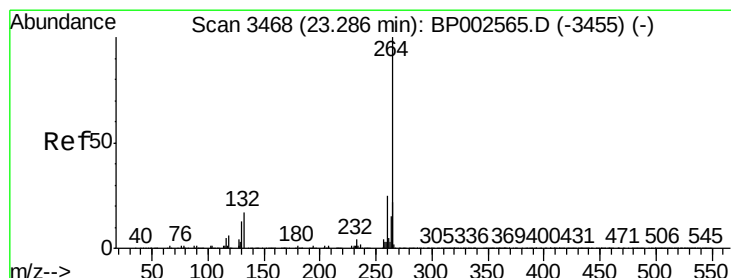
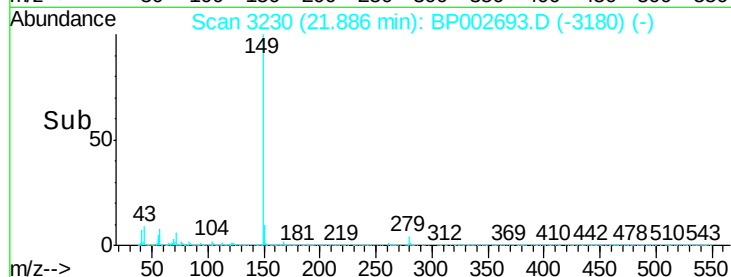
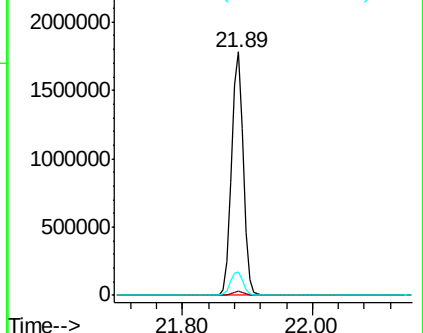
43 9.9 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. 0.00 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

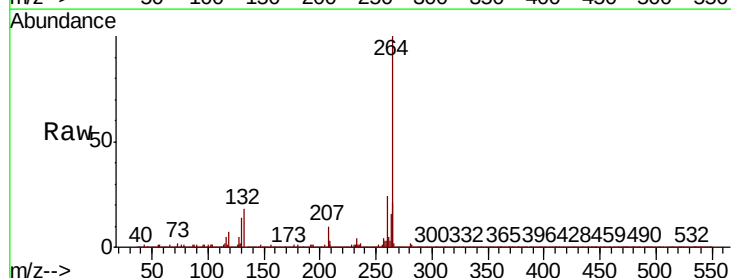
Tgt Ion:264 Resp: 765726

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

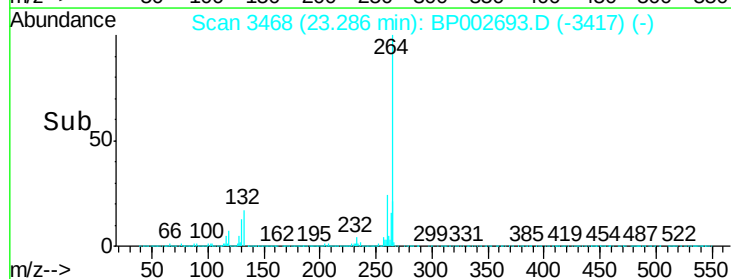
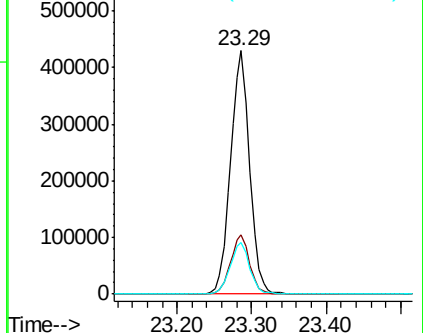
265 21.0 17.6 26.4

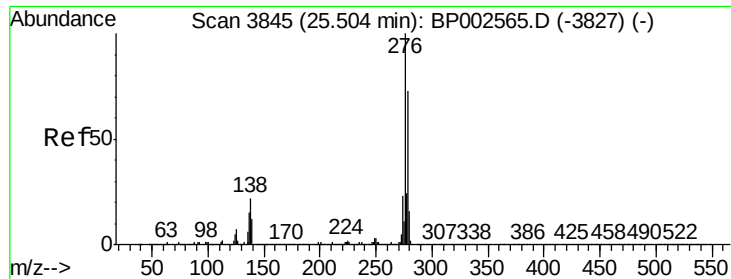


Abundance Ion 264.00 (263.70 to 264.70): E

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: 46.076 ng

RT: 25.50 min Scan# 3845

Delta R.T. 0.00 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Instrument :

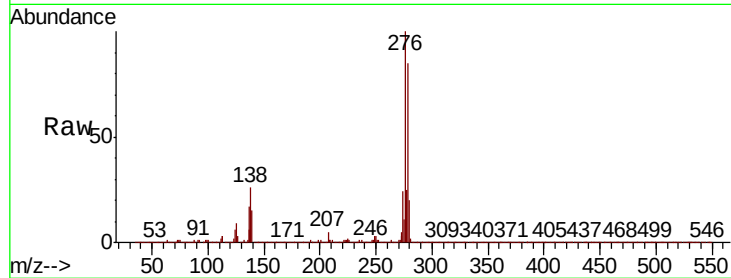
BNA_P

ClientSampleId :

PB129997BS

Tot Ion:276 Resp: 2540331

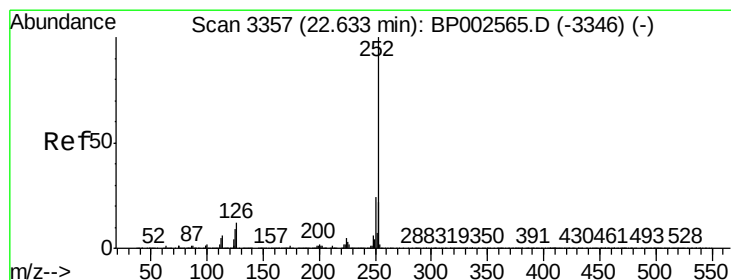
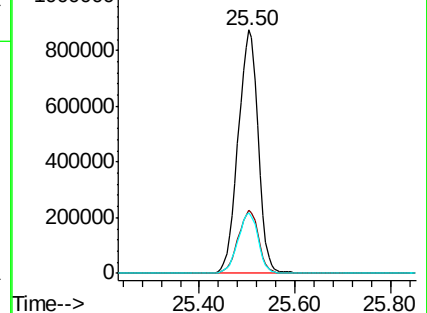
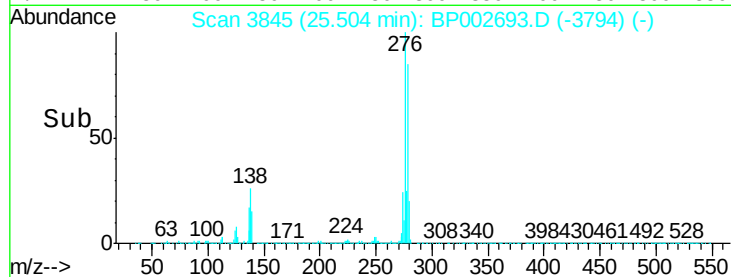
Ion	Ratio	Lower	Upper
276	100		
138	26.3	18.6	27.8
277	25.0	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 41.764 ng

RT: 22.63 min Scan# 3357

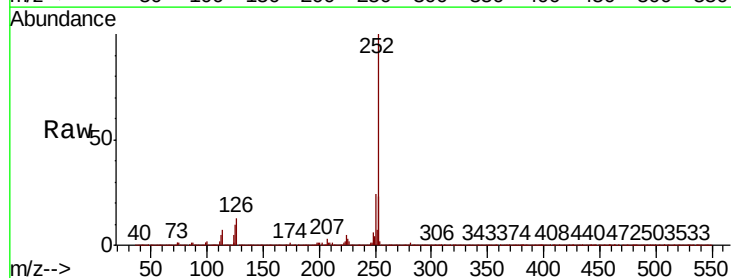
Delta R.T. 0.00 min

Lab File: BP002693.D

Acq: 09 Jul 2020 12:21

Tgt Ion:252 Resp: 2040611

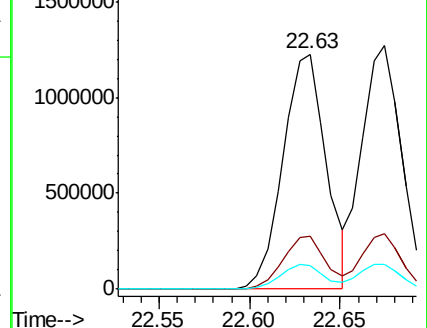
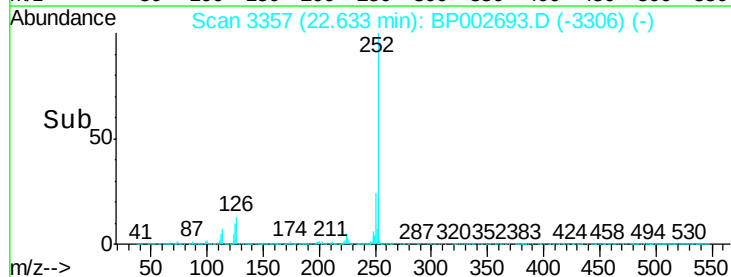
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	9.9	7.4	11.2

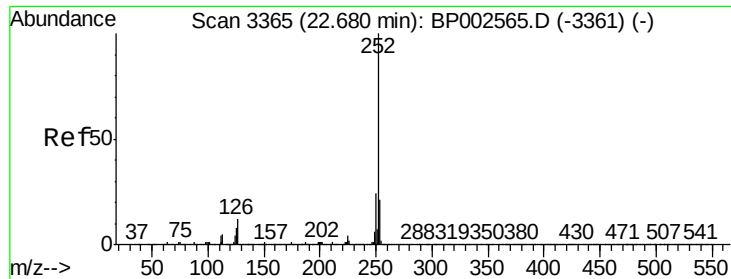


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

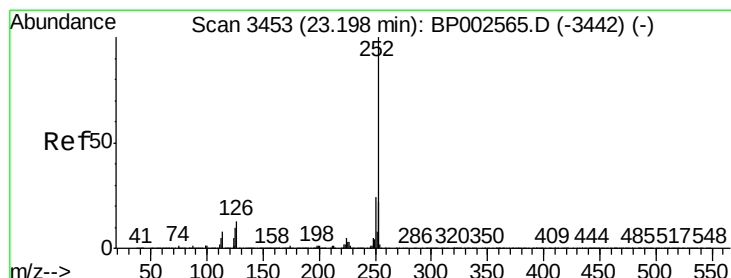
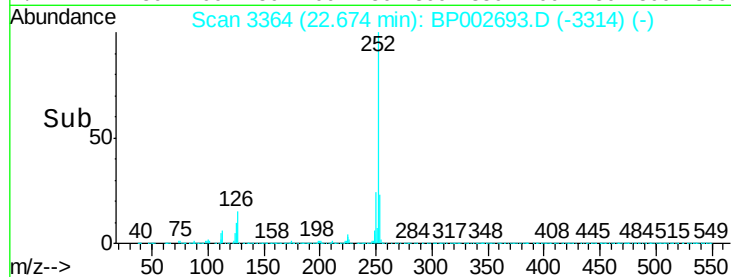
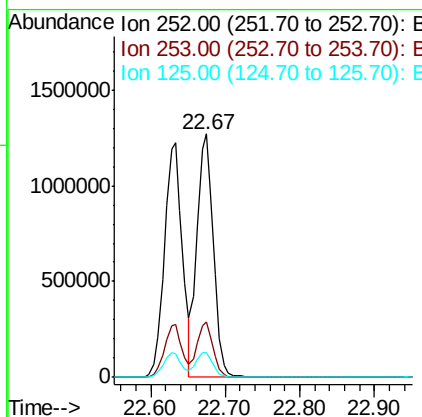
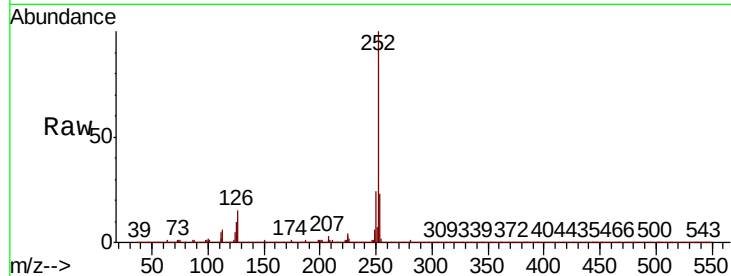




#89
Benzo(k)fluoranthene
Concen: 42.824 ng
RT: 22.67 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

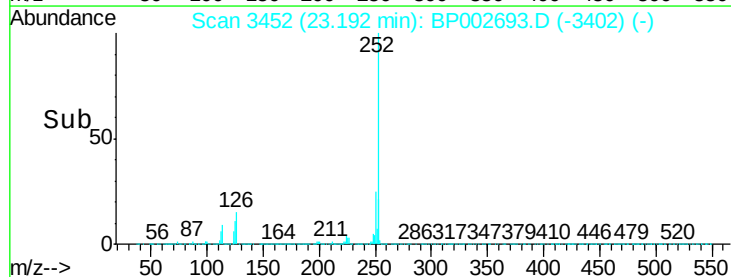
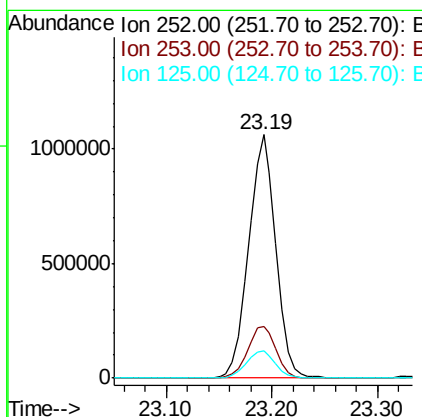
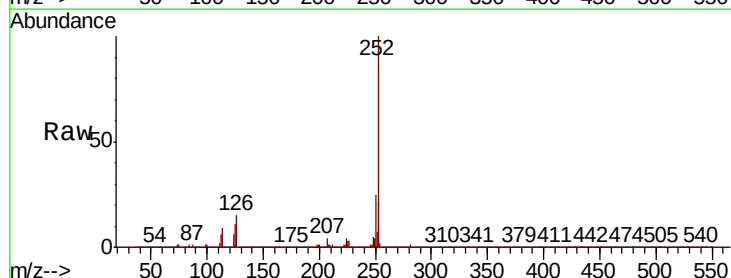
Instrument :
BNA_P
ClientSampleId :
PB129997BS

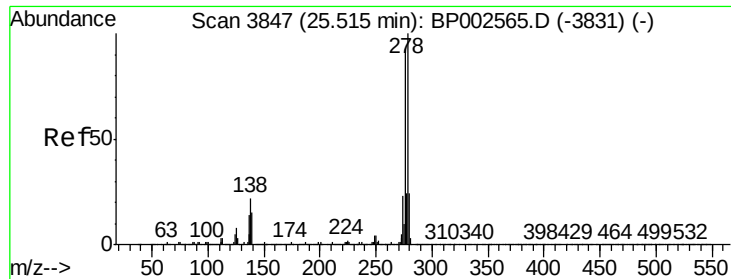
Tot Ion:252 Resp: 1951979
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 10.2 6.9 10.3



#90
Benzo(a)pyrene
Concen: 42.260 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:252 Resp: 1894848
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.6
125 11.1 7.8 11.8

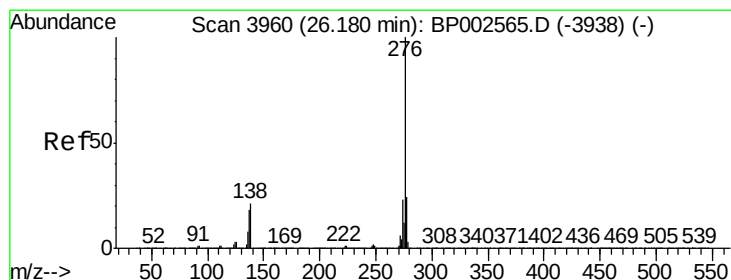
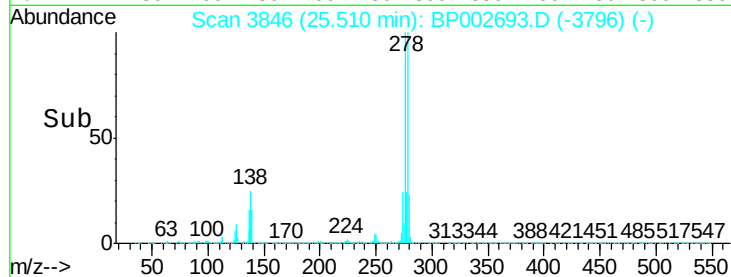
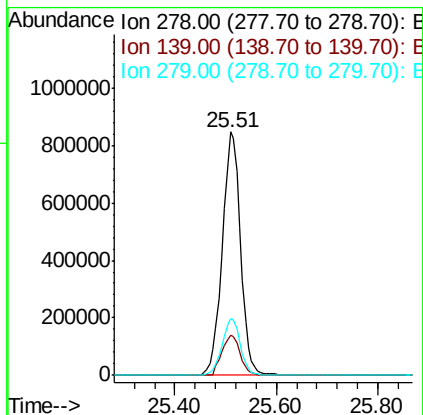
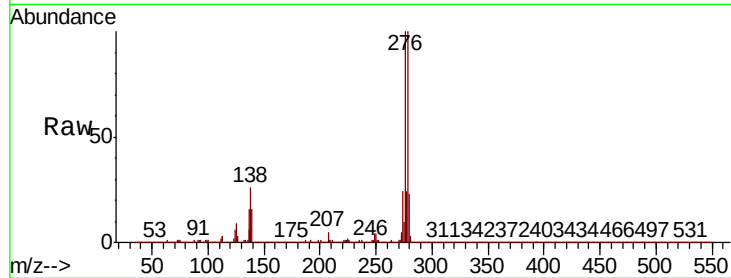




#91
Dibenzo(a,h)anthracene
Concen: 47.043 ng
RT: 25.51 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Instrument :
BNA_P
ClientSampleId :
PB129997BS

Tot Ion:278 Resp: 2119357
Ion Ratio Lower Upper
278 100
139 16.5 12.2 18.2
279 23.2 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 47.323 ng
RT: 26.17 min Scan# 3959
Delta R.T. -0.01 min
Lab File: BP002693.D
Acq: 09 Jul 2020 12:21

Tgt Ion:276 Resp: 2132197
Ion Ratio Lower Upper
276 100
277 23.6 19.3 28.9
138 23.5 16.9 25.3

