

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
 Data File : BP002692.D
 Acq On : 09 Jul 2020 11:47
 Operator : CG/JU
 Sample : PB130021BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130021BS

Quant Time: Jul 09 13:54:20 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	207784	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	775414	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	436327	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	854729	20.00	ng	0.00
76) Chrysene-d12	21.09	240	739767	20.00	ng	0.00
86) Perylene-d12	23.28	264	795616	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1593244	129.82	ng	0.00
7) Phenol-d6	6.78	99	2035459	118.83	ng	0.00
23) Nitrobenzene-d5	8.72	82	1293193	85.93	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	569062	107.23	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2473863	83.45	ng	0.00
79) Terphenyl-d14	19.57	244	3062693	89.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	206711	39.300	ng	97
3) Pyridine	3.52	79	593376	38.063	ng	99
4) n-Nitrosodimethylamine	3.44	42	264019	39.898	ng	86
6) Aniline	6.90	93	783124	36.393	ng	98
8) 2-Chlorophenol	7.15	128	604087	44.313	ng	99
9) Benzaldehyde	6.72	77	206648	20.711	ng	97
10) Phenol	6.80	94	766845	44.394	ng	94
11) bis(2-Chloroethyl)ether	7.00	93	620757	43.785	ng	99
12) 1,3-Dichlorobenzene	7.46	146	657787	41.815	ng	99
13) 1,4-Dichlorobenzene	7.60	146	664379	41.456	ng	98
14) 1,2-Dichlorobenzene	7.92	146	621831	40.309	ng	99
15) Benzyl Alcohol	7.81	79	494738	38.439	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	844713	42.764	ng	98
17) 2-Methylphenol	8.03	107	499547	38.637	ng	97
18) Hexachloroethane	8.63	117	242372	41.903	ng	99
19) n-Nitroso-di-n-propylamine	8.38	70	426980	37.992	ng	97
20) 3+4-Methylphenols	8.36	107	647309	37.135	ng	98
22) Acetophenone	8.39	105	809956	41.269	ng	# 96
24) Nitrobenzene	8.76	77	674384	42.336	ng	99
25) Isophorone	9.28	82	1208975	40.082	ng	99
26) 2-Nitrophenol	9.46	139	317142	43.655	ng	96
27) 2,4-Dimethylphenol	9.55	122	503597	45.748	ng	98
28) bis(2-Chloroethoxy)methane	9.77	93	776543	44.819	ng	100
29) 2,4-Dichlorophenol	10.00	162	540331	42.590	ng	96
30) 1,2,4-Trichlorobenzene	10.21	180	595348	41.683	ng	97
31) Naphthalene	10.39	128	1706685	41.577	ng	99
32) Benzoic acid	9.72	122	272466	34.501	ng	99
33) 4-Chloroaniline	10.50	127	374974	20.884	ng	100
34) Hexachlorobutadiene	10.69	225	344381	39.393	ng	97
35) Caprolactam	11.27	113	165314	38.764	ng	96
36) 4-Chloro-3-methylphenol	11.66	107	550996	39.626	ng	99
37) 2-Methylnaphthalene	12.02	142	1201235	40.135	ng	97
38) 1-Methylnaphthalene	12.23	142	1133027	40.195	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	594392	43.627	ng	99

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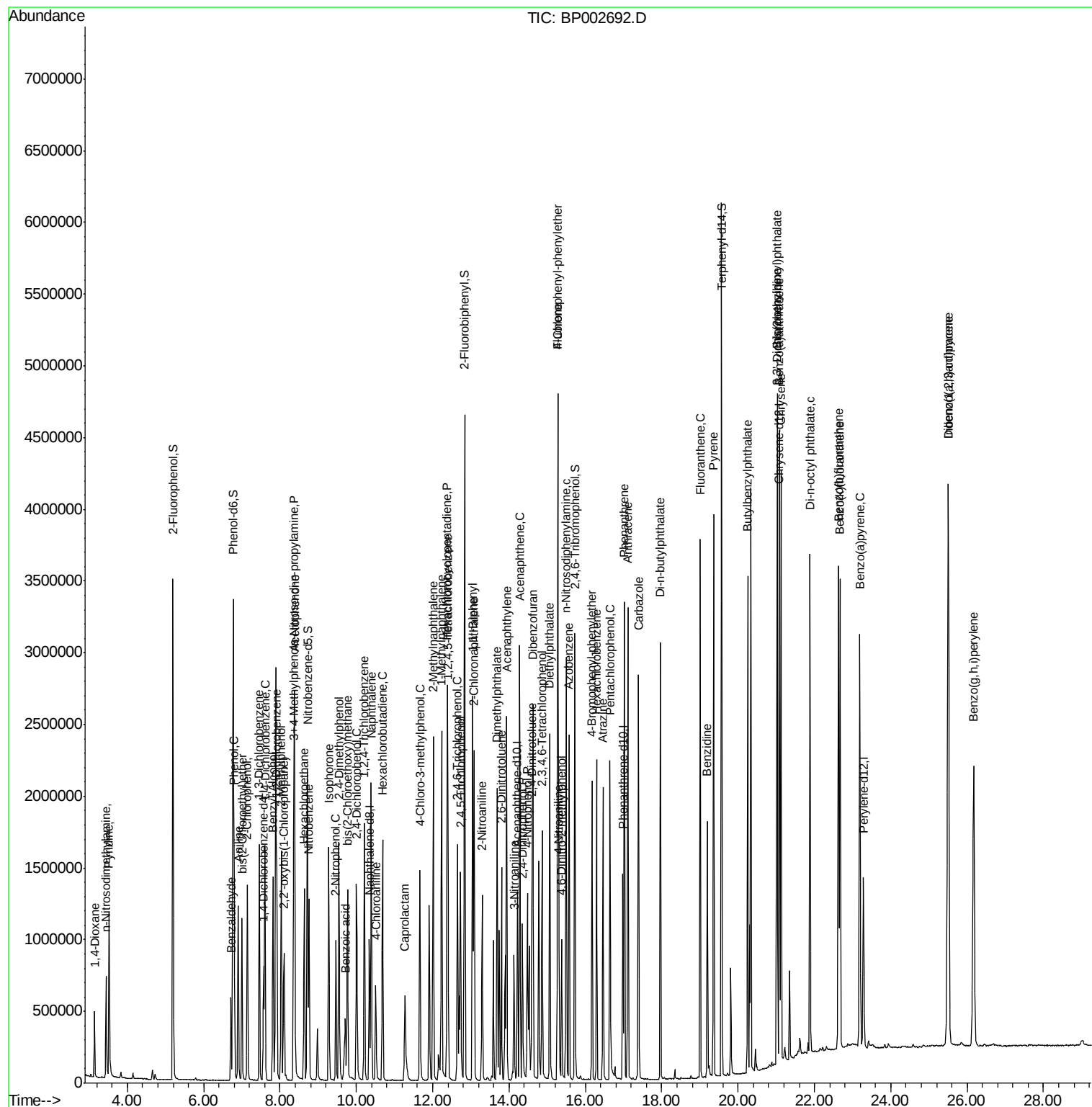
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	604816	84.764	nq	98
43) 2,4,6-Trichlorophenol	12.65	196	405004	43.933	nq	100
44) 2,4,5-Trichlorophenol	12.73	196	420860	39.658	nq	98
46) 1,1'-Biphenyl	13.05	154	1428671	43.286	nq	99
47) 2-Chloronaphthalene	13.08	162	1134673	42.233	nq	97
48) 2-Nitroaniline	13.29	65	358241	41.797	nq	95
49) Acenaphthylene	13.93	152	1806880	42.733	nq	99
50) Dimethylphthalate	13.69	163	1357633	39.616	nq	100
51) 2,6-Dinitrotoluene	13.80	165	307640	41.565	nq	97
52) Acenaphthene	14.28	154	1058911	42.447	nq	99
53) 3-Nitroaniline	14.13	138	221704	27.510	nq	96
54) 2,4-Dinitrophenol	14.35	184	275170	61.170	nq	90
55) Dibenzofuran	14.62	168	1665164	41.188	nq	98
56) 4-Nitrophenol	14.48	139	460629	72.636	nq	90
57) 2,4-Dinitrotoluene	14.60	165	405009	40.678	nq	99
58) Fluorene	15.27	166	1220550	39.641	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	356583	41.595	nq	98
60) Diethylphthalate	15.06	149	1313178	38.535	nq	99
61) 4-Chlorophenyl-phenylether	15.27	204	628460	38.061	nq	94
62) 4-Nitroaniline	15.30	138	316294	39.268	nq	89
63) Azobenzene	15.57	77	1400551	42.505	nq	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	220423	40.515	nq	98
66) n-Nitrosodiphenylamine	15.49	169	1153962	46.248	nq	98
67) 4-Bromophenyl-phenylether	16.17	248	400742	41.722	nq	96
68) Hexachlorobenzene	16.29	284	442426	42.996	nq	99
69) Atrazine	16.46	200	362531	45.281	nq	98
70) Pentachlorophenol	16.65	266	430385	73.414	nq	98
71) Phenanthrene	17.02	178	1995388	43.389	nq	99
72) Anthracene	17.11	178	2048466	44.763	nq	98
73) Carbazole	17.39	167	1868394	42.245	nq	99
74) Di-n-butylphthalate	17.96	149	2195574	42.153	nq	99
75) Fluoranthene	19.01	202	2288192	41.106	nq	99
77) Benzidine	19.19	184	1028365	59.418	nq	99
78) Pyrene	19.36	202	2311420	45.904	nq	100
80) Butylbenzylphthalate	20.25	149	960711	43.703	nq	99
81) Benzo(a)anthracene	21.07	228	2087848	43.170	nq	99
82) 3,3'-Dichlorobenzidine	21.01	252	613244	34.634	nq	95
83) Chrysene	21.12	228	1990617	42.923	nq	98
84) Bis(2-ethylhexyl)phthalate	21.02	149	1345336	42.619	nq	98
85) Di-n-octyl phthalate	21.89	149	2394758	42.952	nq	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	2764549	48.259	nq	97
88) Benzo(b)fluoranthene	22.63	252	2258054	44.478	nq	99
89) Benzo(k)fluoranthene	22.67	252	2131099	44.997	nq	98
90) Benzo(a)pyrene	23.19	252	2077657	44.597	nq	98
91) Dibenzo(a,h)anthracene	25.51	278	2284952	48.813	nq	97
92) Benzo(g,h,i)perylene	26.17	276	2292581	48.971	nq	97

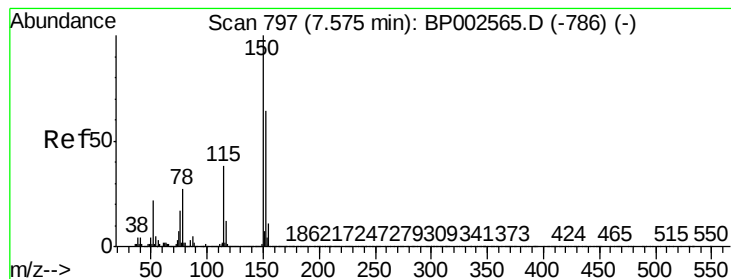
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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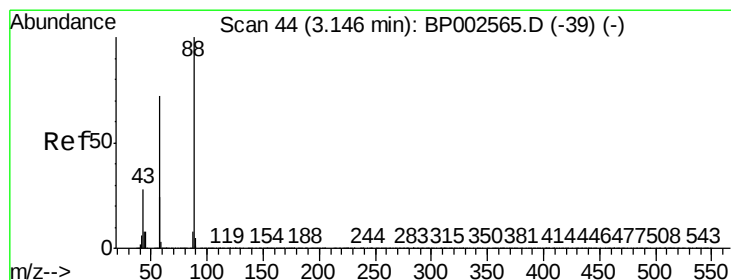
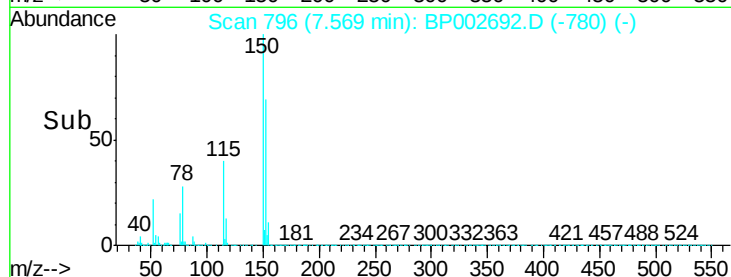
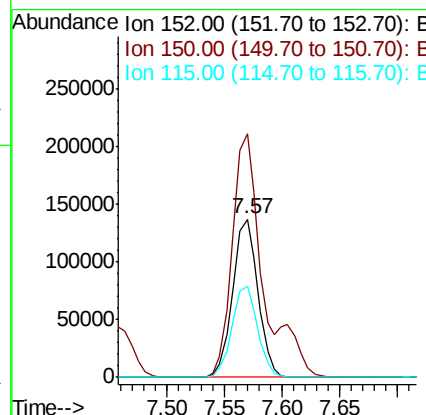
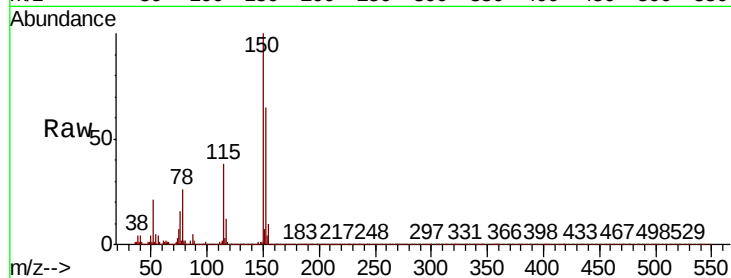


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Instrument :
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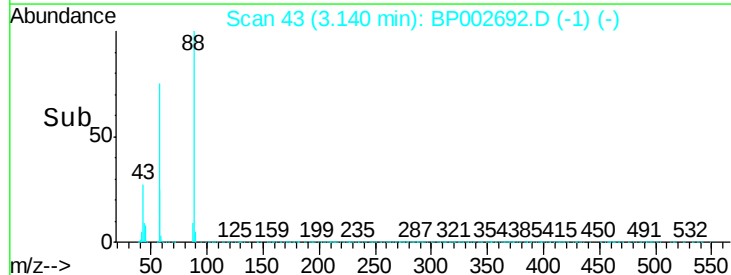
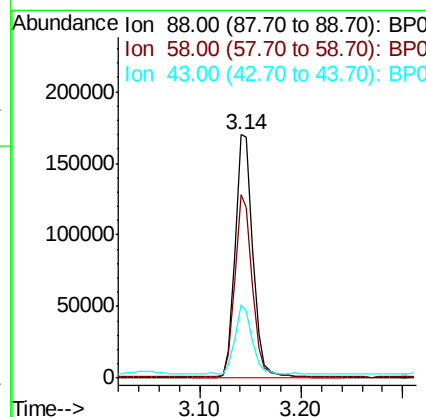
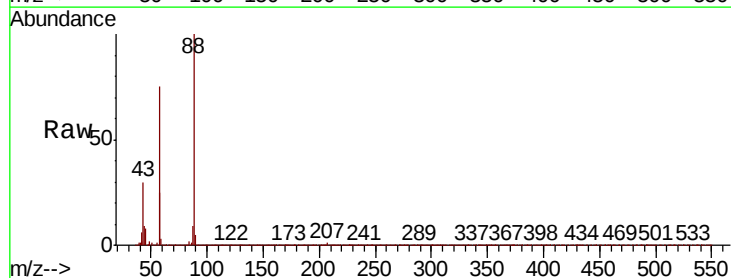
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.2	186.2
115	58.2	47.1	70.7

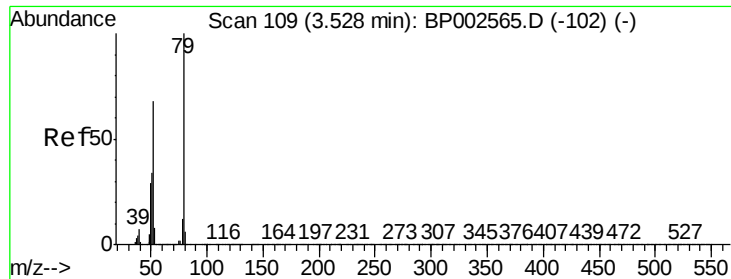


#2

1,4-Dioxane
Concen: 39.300 ng
RT: 3.14 min Scan# 43
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	58.1	87.1
43	26.3	23.2	34.8





#3

Pvridine

Concen: 38.063 ng

RT: 3.52 min Scan# 107

Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

BNA_P

ClientSampleId :

PB130021BS

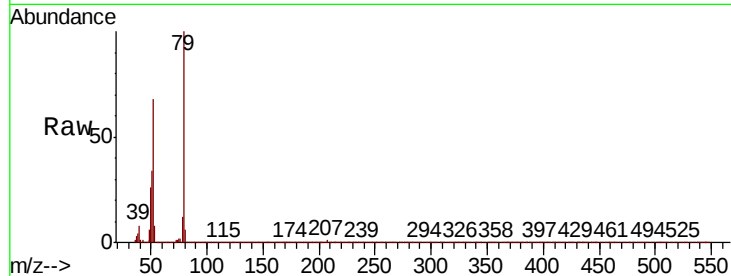
Tot Ion: 79 Resp: 593376

Ion Ratio Lower Upper

79 100

52 67.9 54.5 81.7

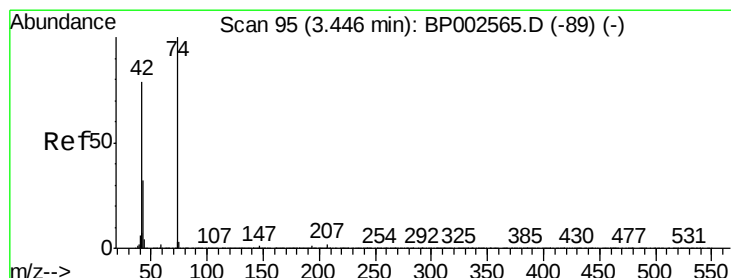
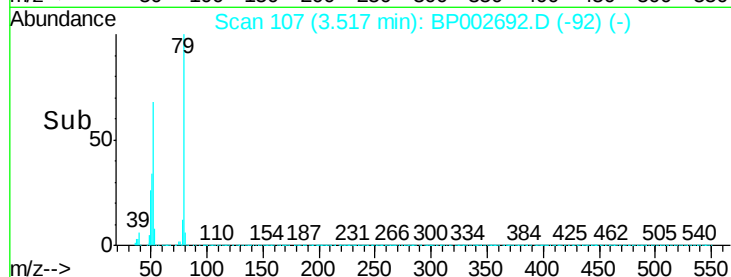
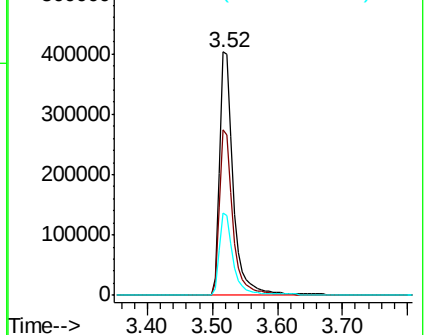
51 33.8 27.8 41.6



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 39.898 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

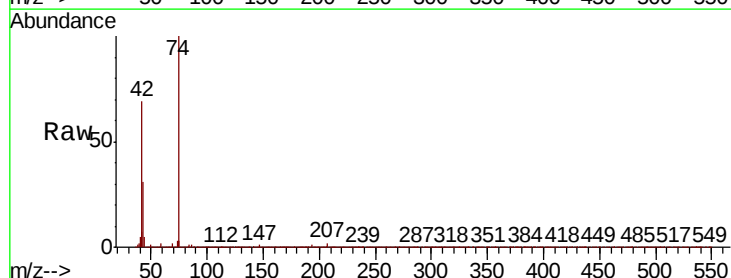
Tgt Ion: 42 Resp: 264019

Ion Ratio Lower Upper

42 100

74 144.4 101.7 152.5

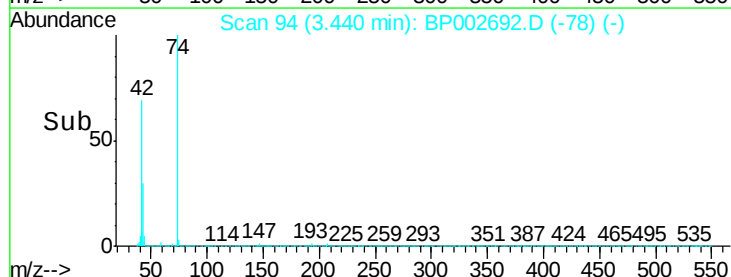
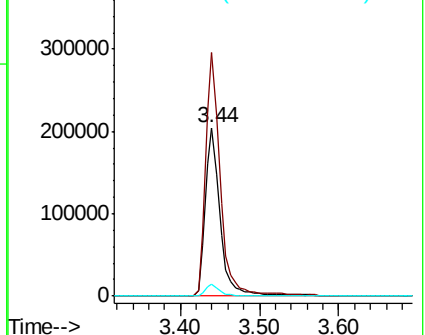
44 6.9 4.9 7.3

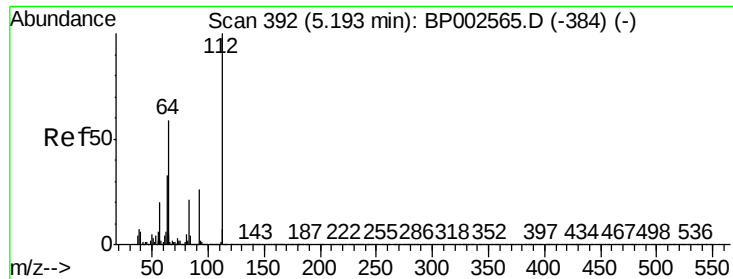


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 129.824 ng

RT: 5.20 min Scan# 393

Delta R.T. 0.01 min

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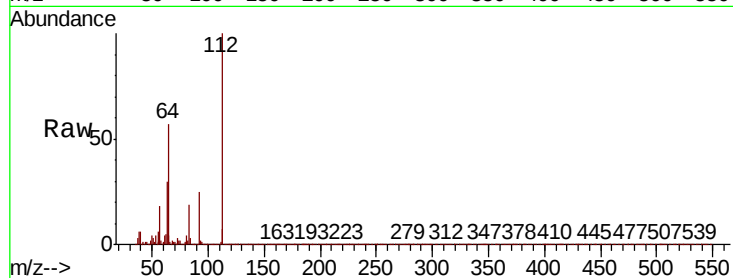
Tot Ion:112 Resp: 1593244

Ion Ratio Lower Upper

112 100

64 57.1 47.0 70.6

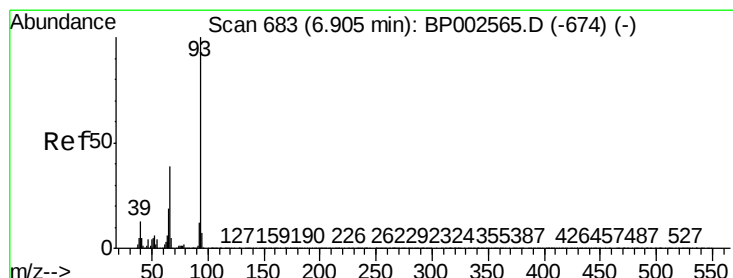
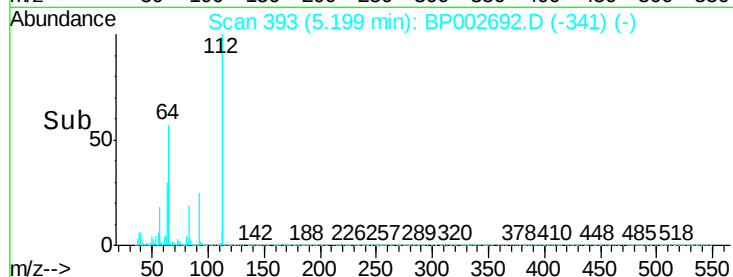
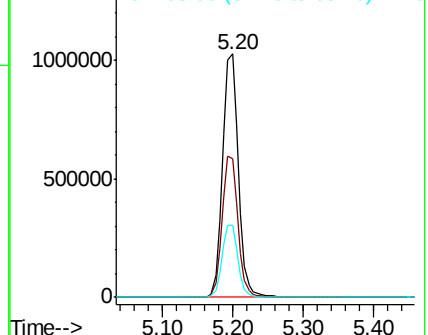
63 29.8 26.1 39.1



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: 36.393 ng

RT: 6.90 min Scan# 683

Delta R.T. -0.00 min

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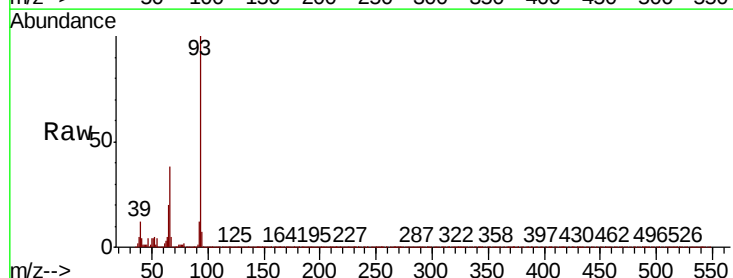
Tgt Ion: 93 Resp: 783124

Ion Ratio Lower Upper

93 100

66 37.9 31.6 47.4

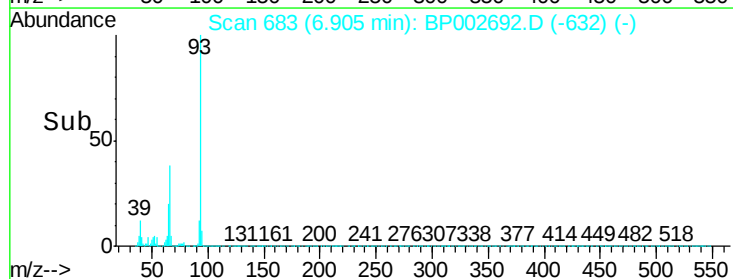
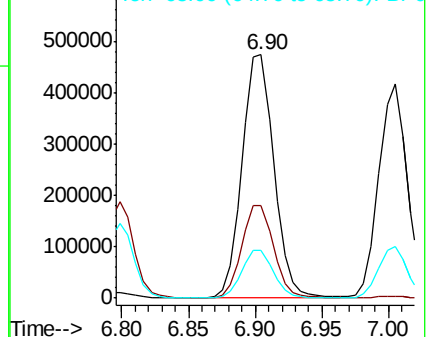
65 19.7 15.7 23.5

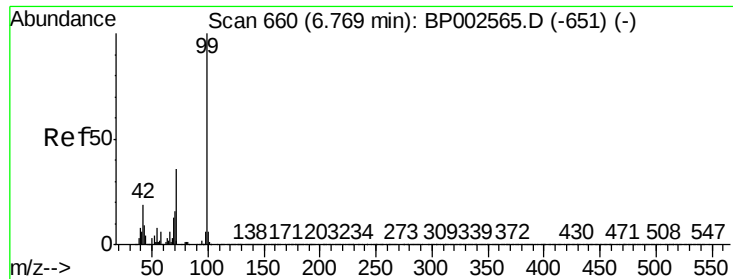


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 118.831 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.01 min

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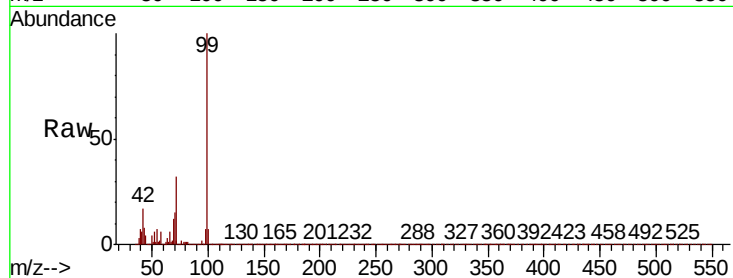
Tot Ion: 99 Resp: 2035459

Ion Ratio Lower Upper

99 100

42 17.4 15.5 23.3

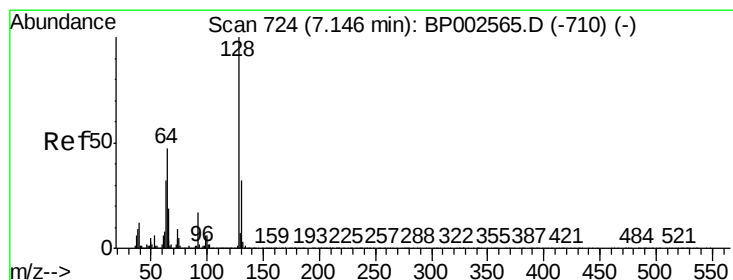
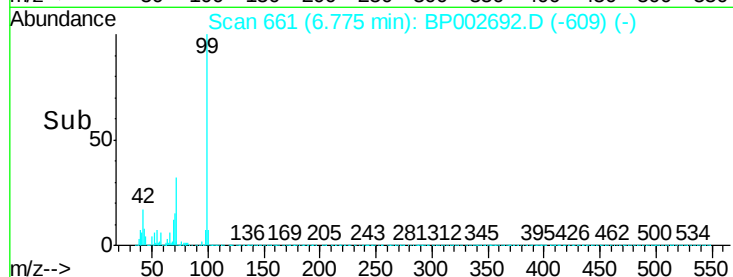
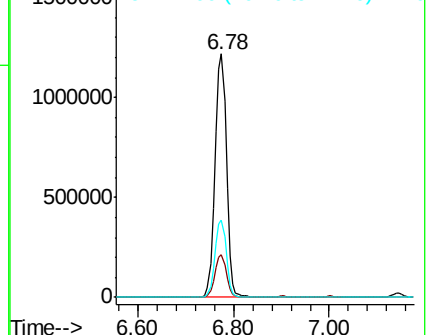
71 31.8 28.9 43.3



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: 44.313 ng

RT: 7.15 min Scan# 724

Delta R.T. -0.00 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

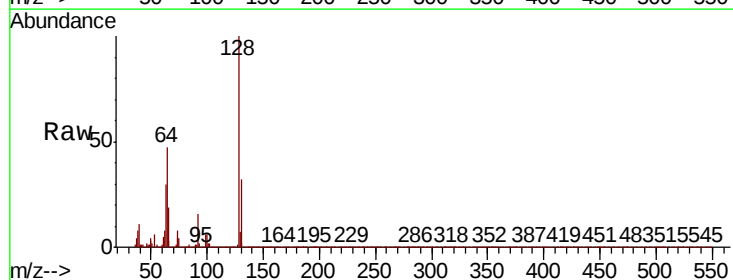
Tgt Ion: 128 Resp: 604087

Ion Ratio Lower Upper

128 100

130 32.2 11.8 51.8

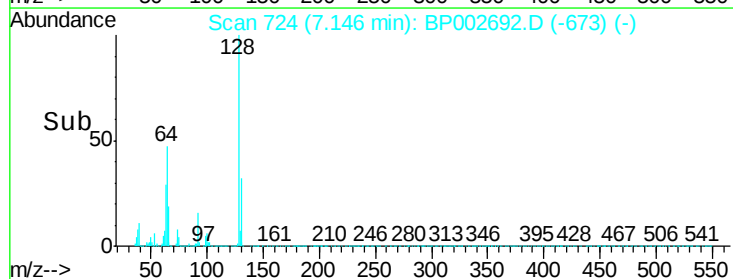
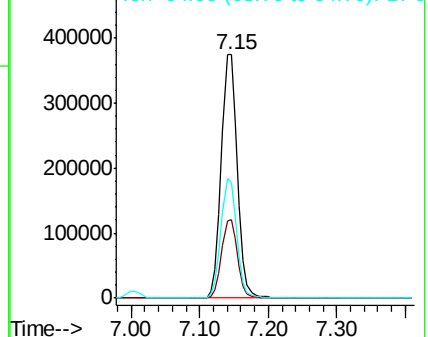
64 47.5 26.9 66.9

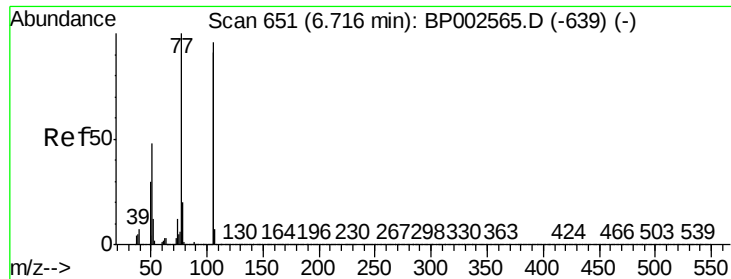


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 20.711 ng

RT: 6.72 min Scan# 651

Delta R.T. 0.00 min

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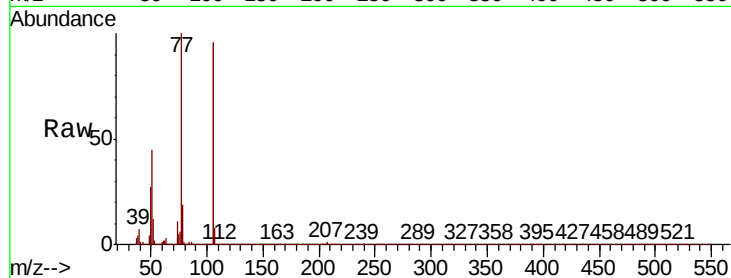
Tot Ion: 77 Resp: 206648

Ion Ratio Lower Upper

77 100

105 96.0 76.5 116.5

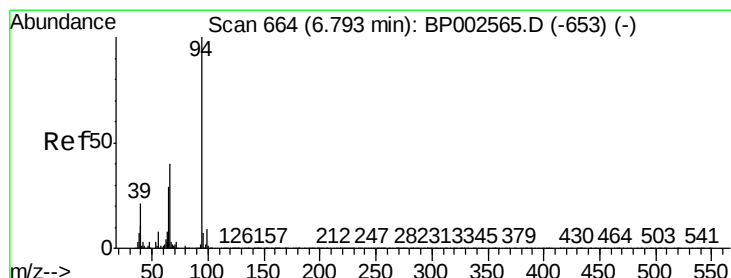
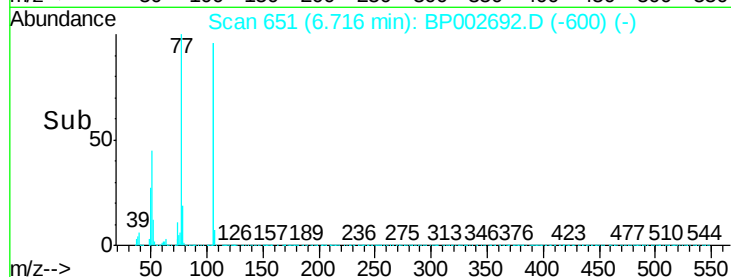
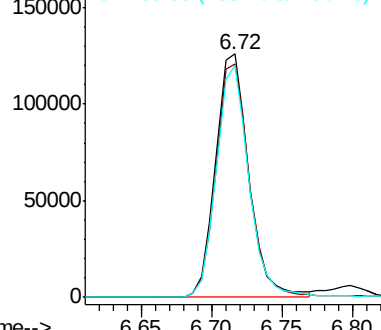
106 95.5 70.9 110.9



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 44.394 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

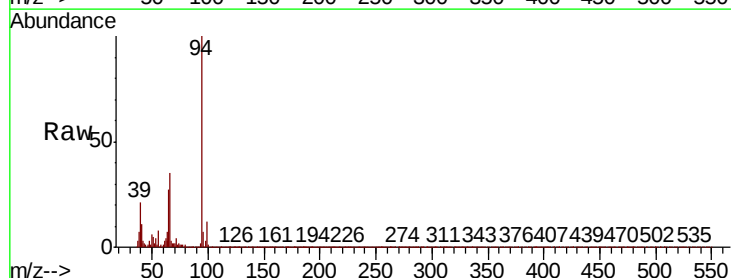
Tgt Ion: 94 Resp: 766845

Ion Ratio Lower Upper

94 100

65 27.1 8.8 48.8

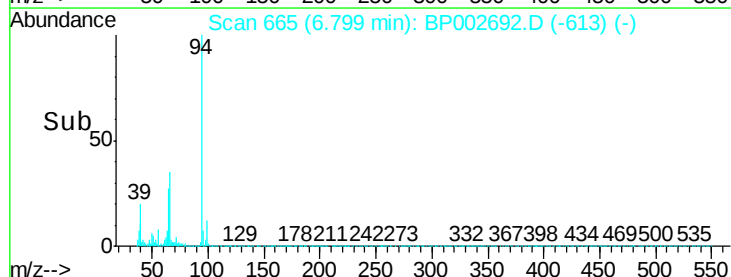
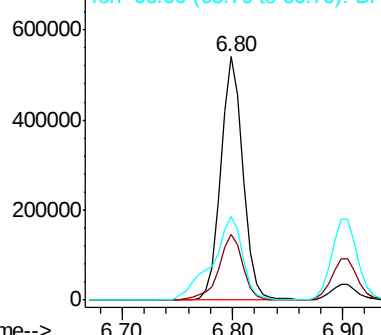
66 34.6 19.9 59.9

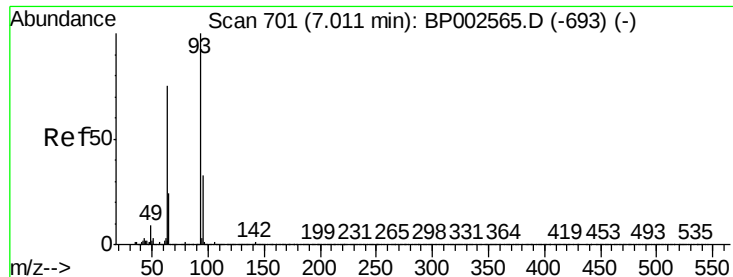


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#11

bis(2-Chloroethyl)ether

Concen: 43.785 ng

RT: 7.00 min Scan# 700

Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

BNA_P

ClientSampleId :

PB130021BS

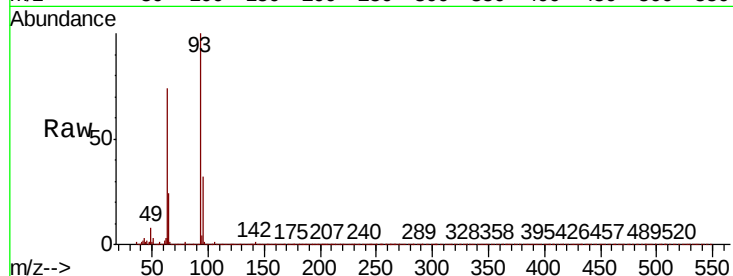
Tot Ion: 93 Resp: 620757

Ion Ratio Lower Upper

93 100

63 74.0 54.5 94.5

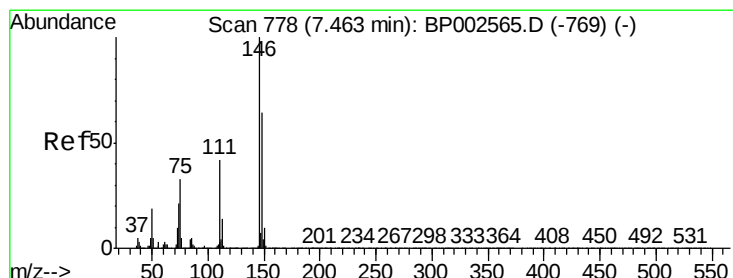
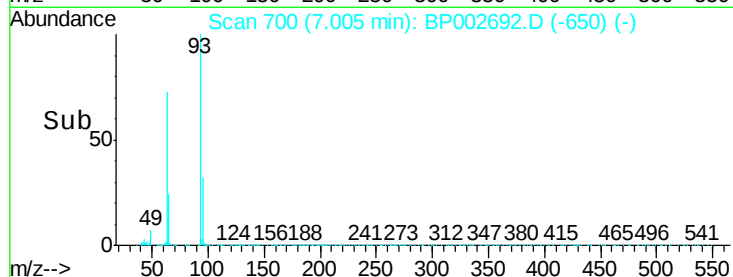
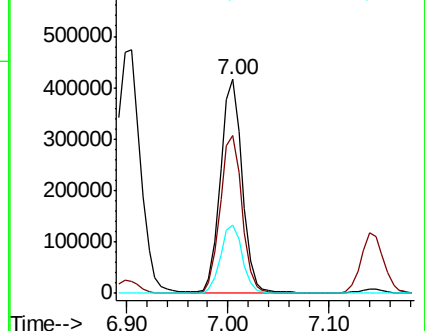
95 32.2 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BP002565.D (-693) (-)

Ion 63.00 (62.70 to 63.70): BP002565.D (-693) (-)

Ion 95.00 (94.70 to 95.70): BP002565.D (-693) (-)



#12

1,3-Dichlorobenzene

Concen: 41.815 ng

RT: 7.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

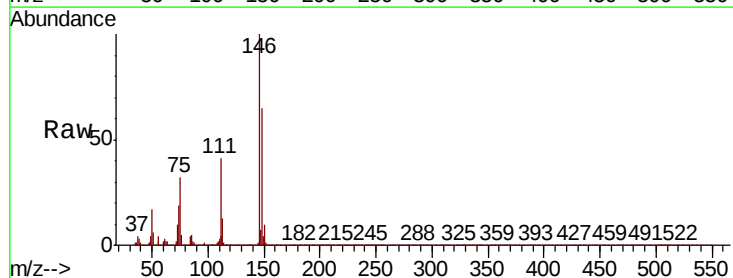
Tgt Ion: 146 Resp: 657787

Ion Ratio Lower Upper

146 100

148 65.0 51.3 76.9

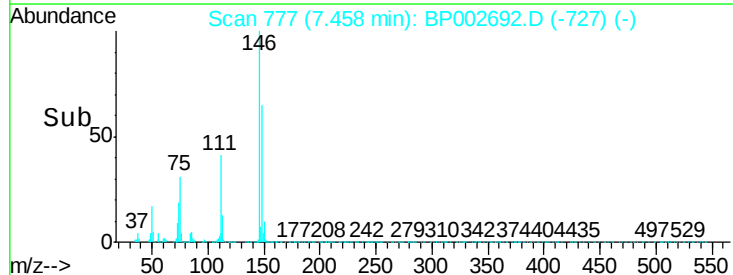
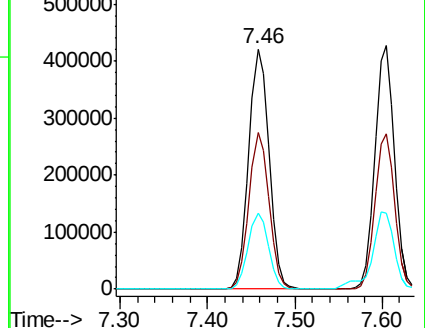
75 31.8 26.1 39.1

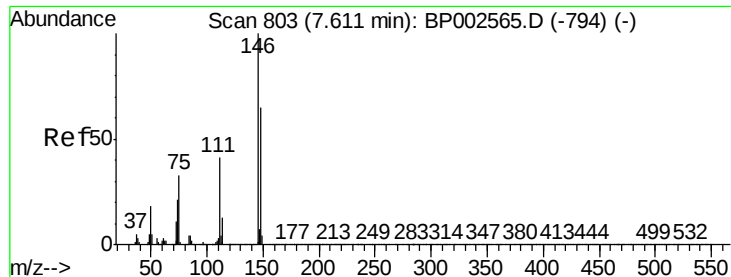


Abundance Ion 146.00 (145.70 to 146.70): BP002565.D (-769) (-)

Ion 148.00 (147.70 to 148.70): BP002565.D (-769) (-)

Ion 75.00 (74.70 to 75.70): BP002565.D (-769) (-)





#13

1,4-Dichlorobenzene

Concen: 41.456 ng

RT: 7.60 min Scan# 802

Delta R.T. -0.01 min

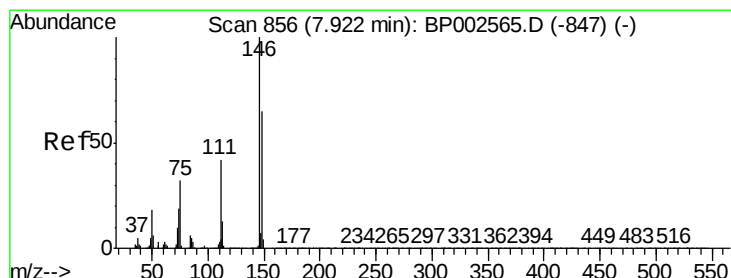
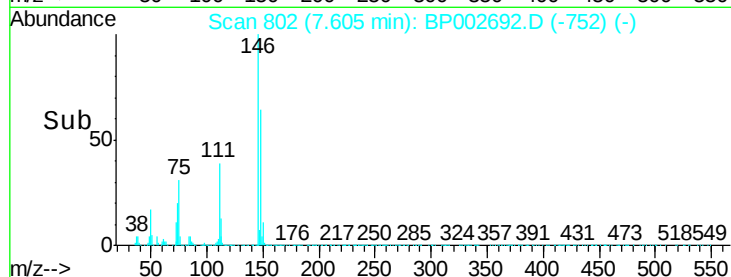
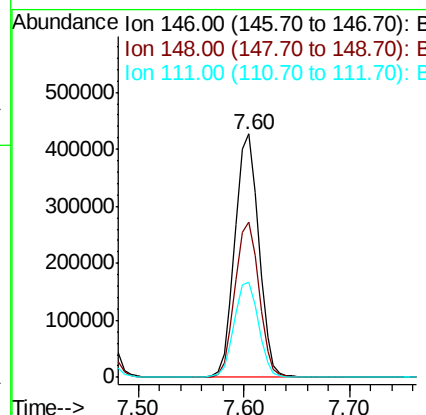
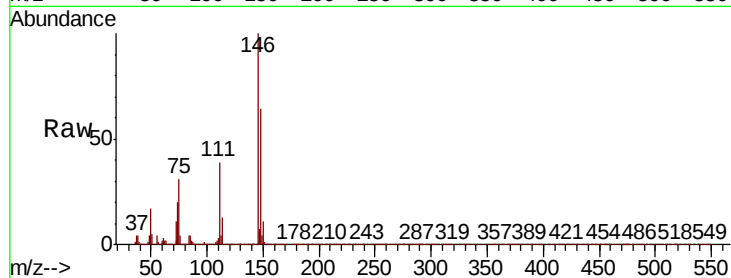
Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :
BNA_P
ClientSampled :
PB130021BS

Tot Ion:146 Resp: 664379

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
111	39.2	32.8	49.2



#14

1,2-Dichlorobenzene

Concen: 40.309 ng

RT: 7.92 min Scan# 855

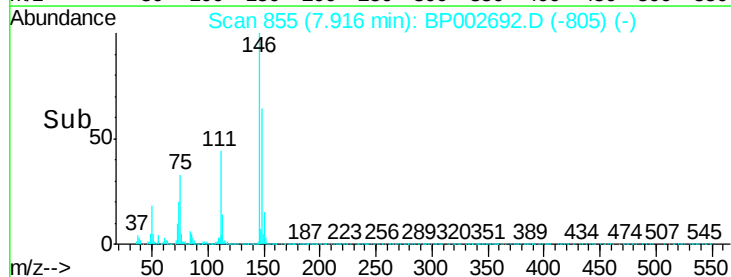
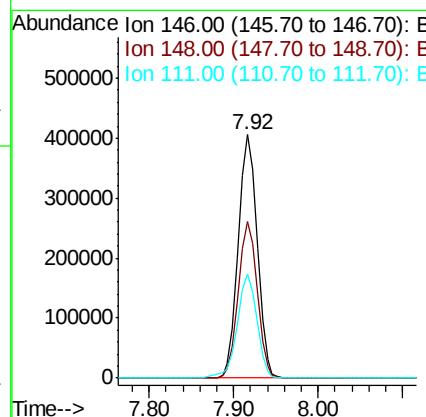
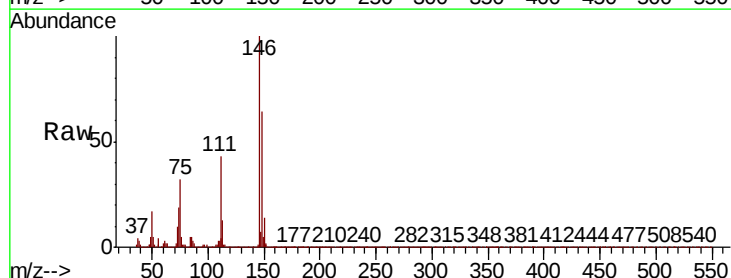
Delta R.T. -0.01 min

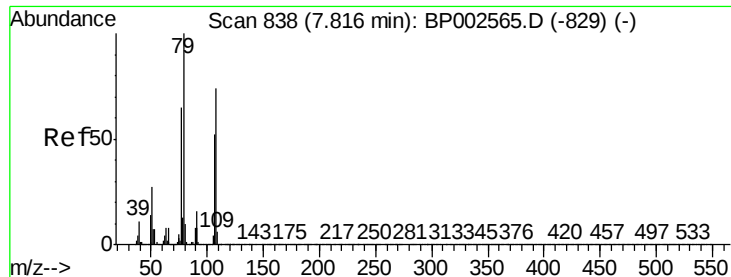
Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Tgt Ion:146 Resp: 621831

Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	42.5	34.1	51.1





#15

Benzyl Alcohol

Concen: 38.439 ng

RT: 7.81 min Scan# 837

Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

BNA_P

ClientSampleId :

PB130021BS

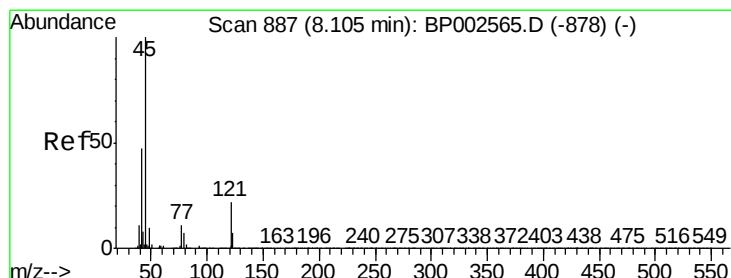
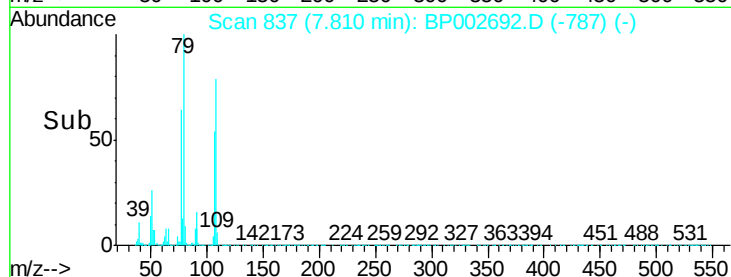
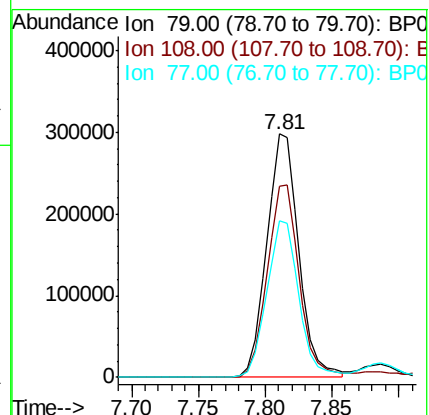
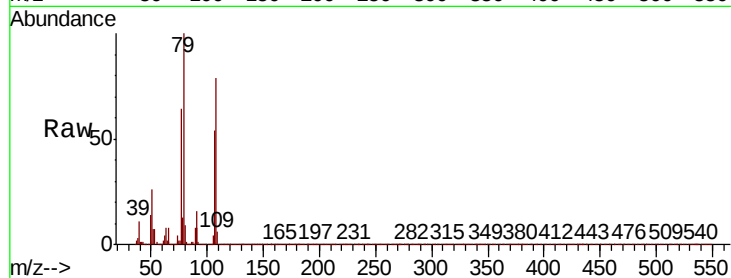
Tot Ion: 79 Resp: 494738

Ion Ratio Lower Upper

79 100

108 78.6 59.4 89.2

77 64.2 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.764 ng

RT: 8.10 min Scan# 887

Delta R.T. -0.00 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

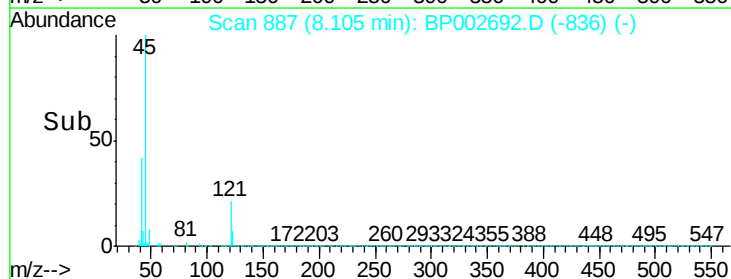
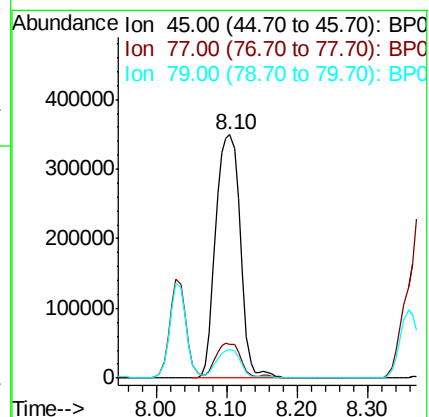
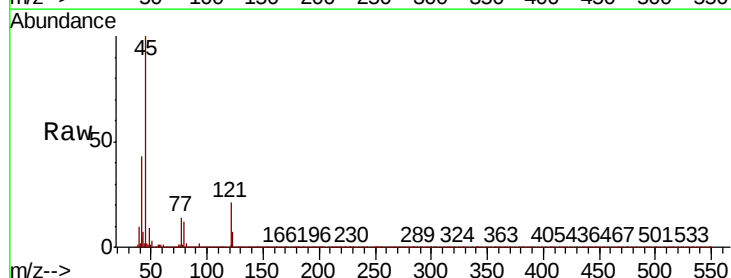
Tgt Ion: 45 Resp: 844713

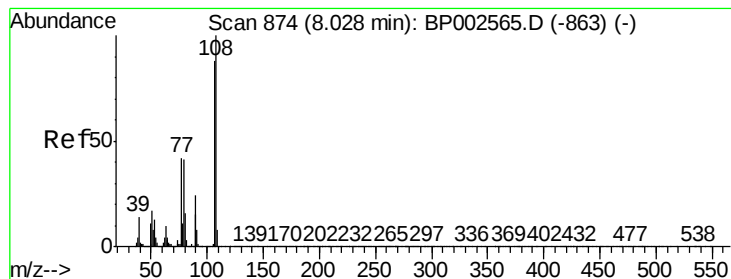
Ion Ratio Lower Upper

45 100

77 14.1 0.0 35.0

79 11.6 0.0 31.1





#17

2-Methylphenol

Concen: 38.637 ng

RT: 8.03 min Scan# 874

Delta R.T. -0.00 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

BNA_P

ClientSampleId :

PB130021BS

Tot Ion:107 Resp: 499547

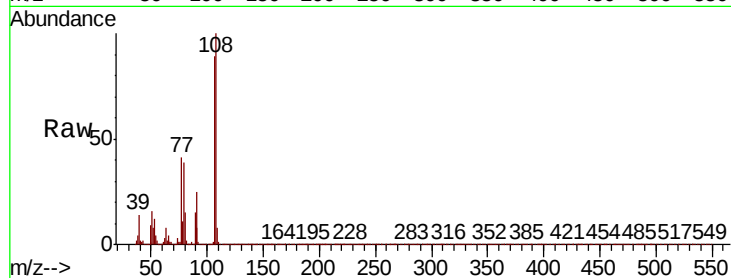
Ion Ratio Lower Upper

107 100

108 112.1 91.4 137.0

77 46.0 38.7 58.1

79 44.2 38.0 57.0

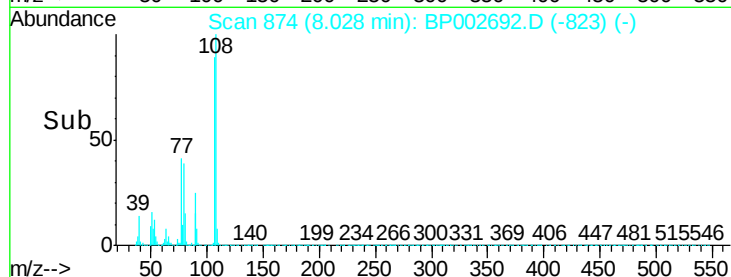


Abundance Ion 107.00 (106.70 to 107.70): E

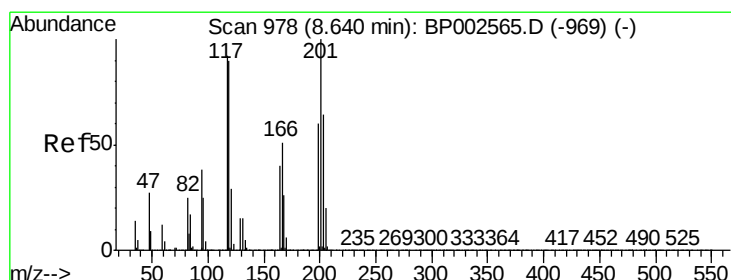
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



Time--> 7.90 8.00 8.10



#18

Hexachloroethane

Concen: 41.903 ng

RT: 8.63 min Scan# 977

Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

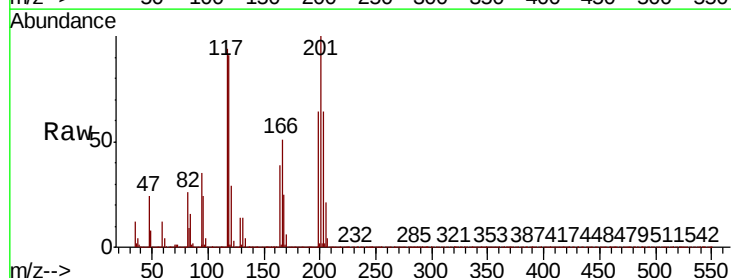
Tgt Ion:117 Resp: 242372

Ion Ratio Lower Upper

117 100

119 97.4 78.2 117.4

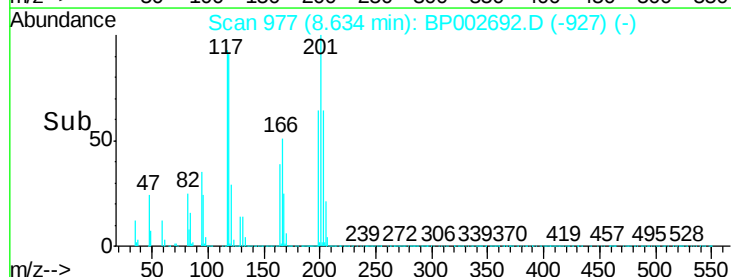
201 106.9 87.0 130.6



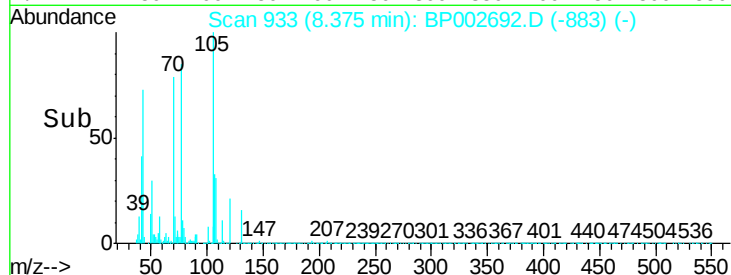
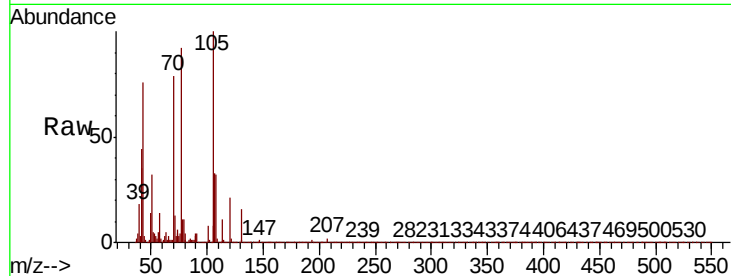
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



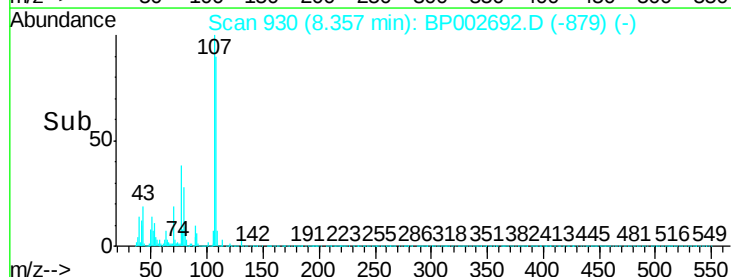
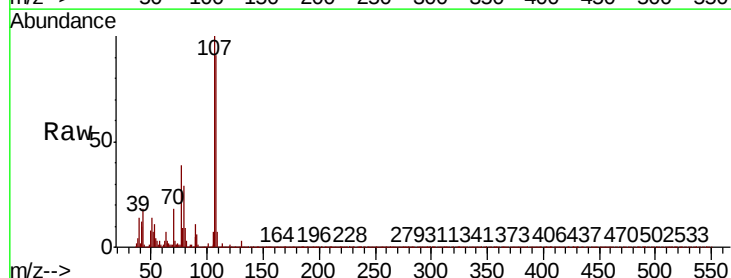
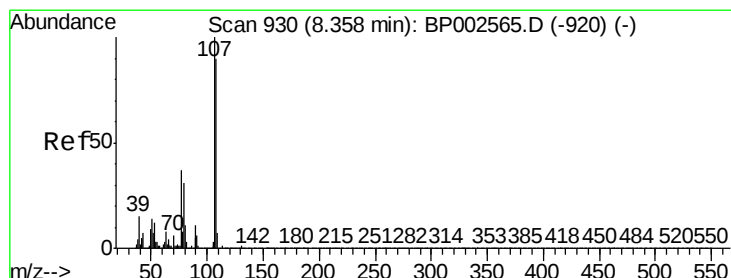
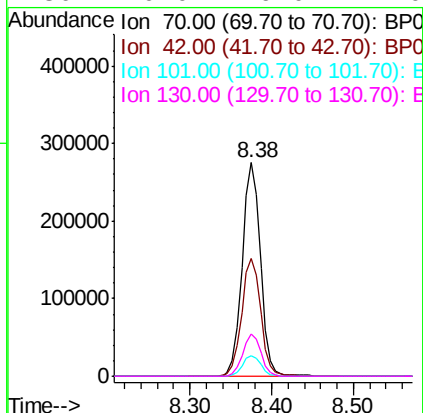
Time--> 8.60 8.70



#19
n-Nitroso-di-n-propylamine
Concen: 37.992 ng
RT: 8.38 min Scan# 933
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

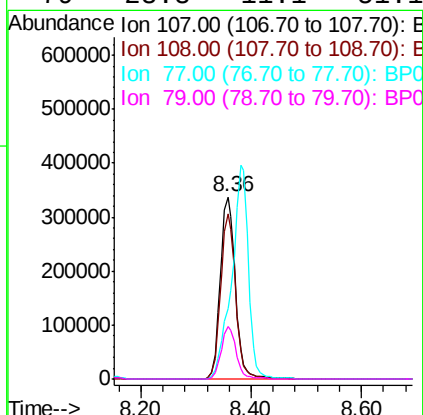
Instrument :
BNA_P
ClientSampleId :
PB130021BS

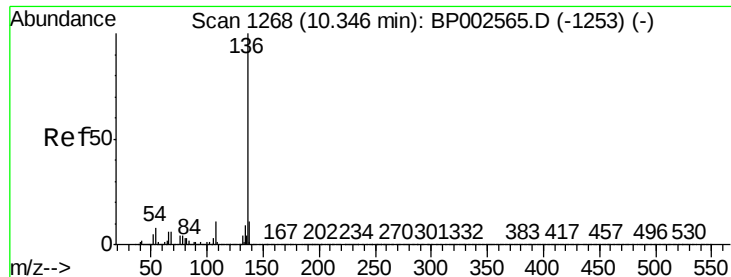
Tot Ion:	70	Resp:	426980
Ion	Ratio	Lower	Upper
70	100		
42	55.1	46.7	70.1
101	9.6	7.5	11.3
130	20.0	16.0	24.0



#20
3+4-Methylphenols
Concen: 37.135 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.00 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion:	107	Resp:	647309
Ion	Ratio	Lower	Upper
107	100		
108	91.0	70.4	110.4
77	38.7	16.7	56.7
79	28.8	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: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

BNA_P

ClientSampleId :

PB130021BS

Tot Ion:136 Resp: 775414

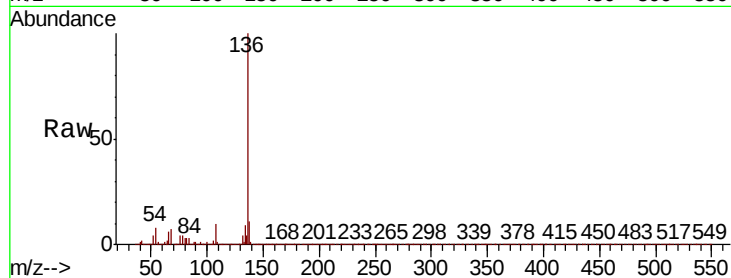
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.3 6.4 9.6

68 7.2 5.1 7.7

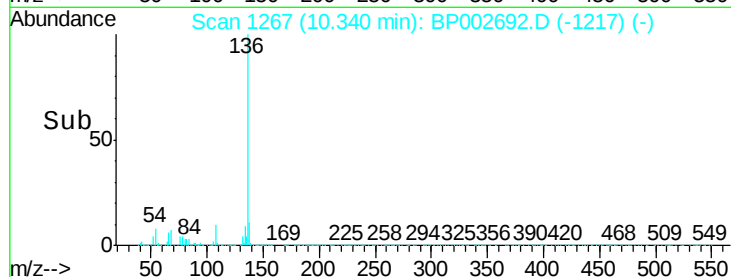


Abundance Ion 136.00 (135.70 to 136.70): E

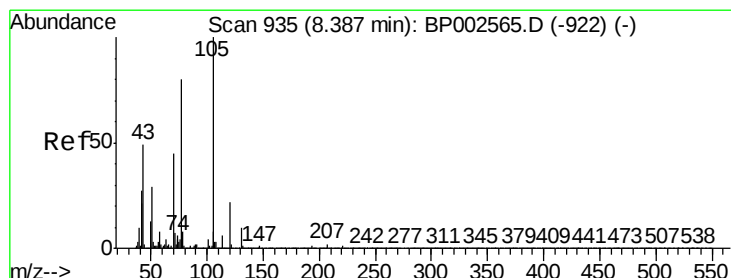
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



Time--> 10.20 10.30 10.40 10.50



#22

Acetophenone

Concen: 41.269 ng

RT: 8.39 min Scan# 935

Delta R.T. -0.00 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Tgt Ion:105 Resp: 809956

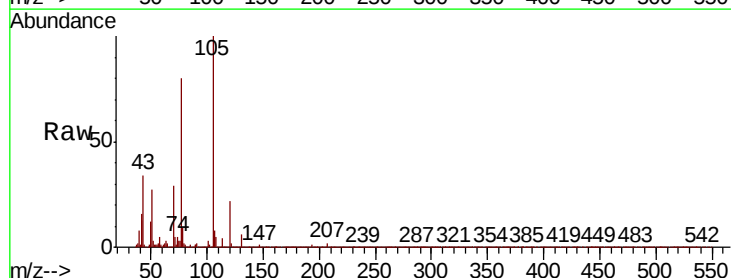
Ion Ratio Lower Upper

105 100

71 4.7 5.8 8.8#

51 26.8 23.3 34.9

120 22.4 17.4 26.0

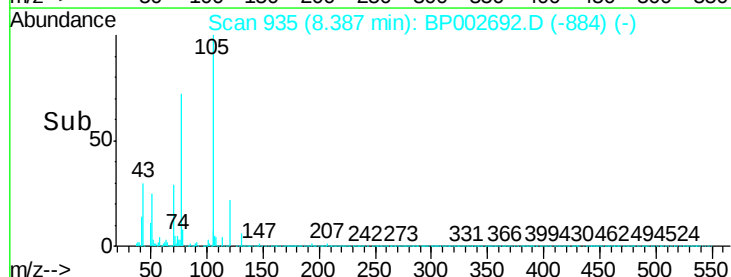


Abundance Ion 105.00 (104.70 to 105.70): E

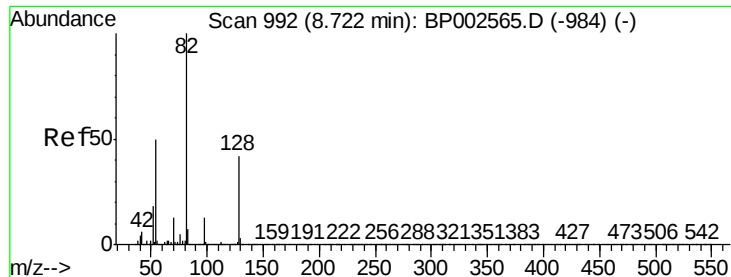
Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E



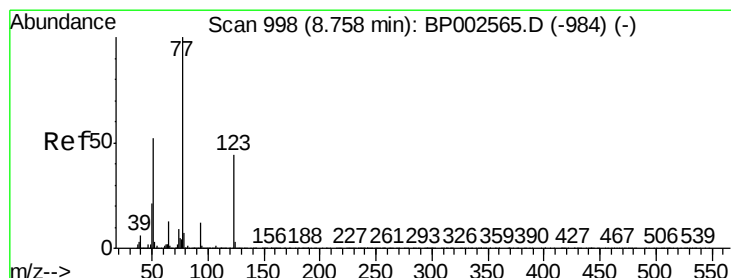
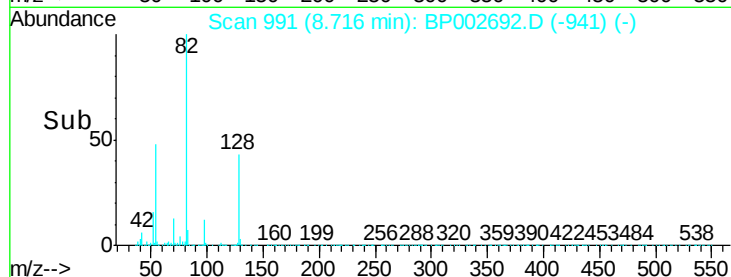
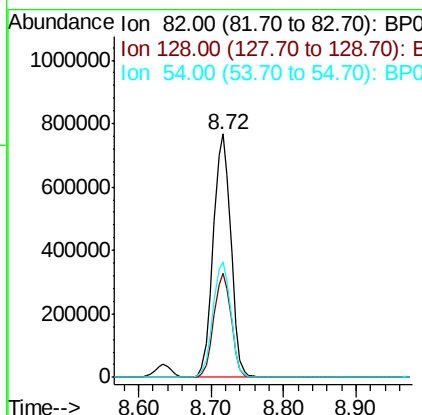
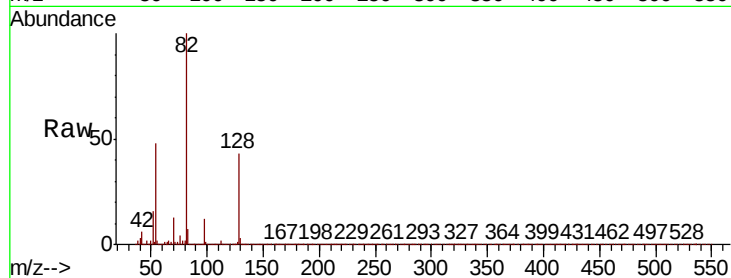
Time--> 8.30 8.40 8.50 8.60



#23
 Nitrobenzene-d5
 Concen: 85.931 ng
 RT: 8.72 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BP002692.D
 Acq: 09 Jul 2020 11:47

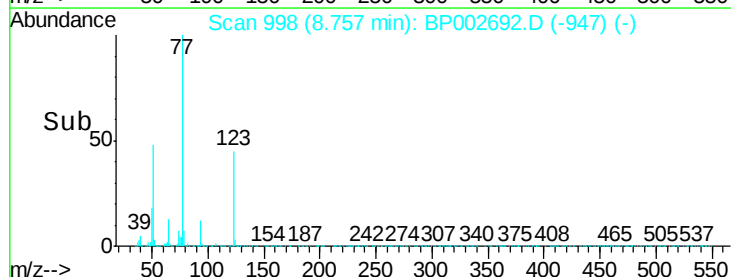
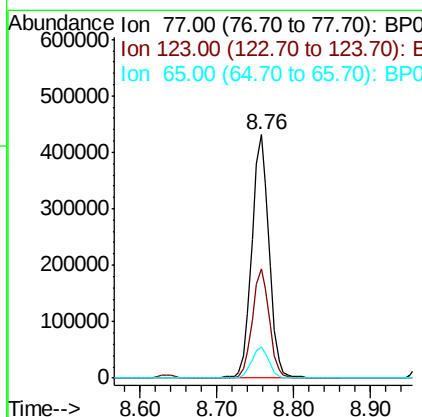
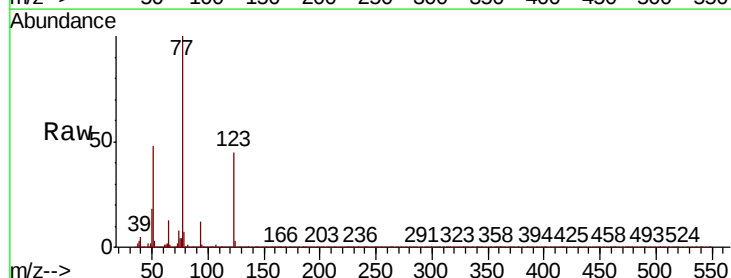
Instrument :
 BNA_P
 ClientSampleId :
 PB130021BS

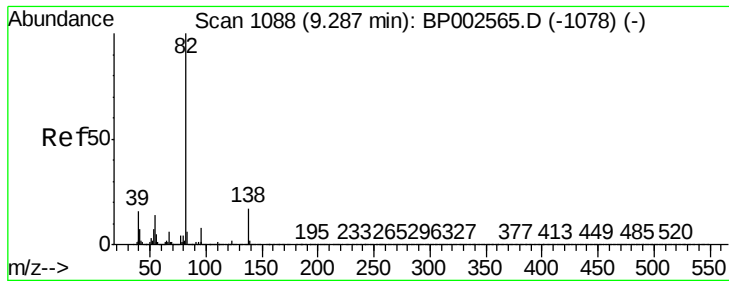
Tot Ion: 82 Resp: 1293193
 Ion Ratio Lower Upper
 82 100
 128 42.6 33.4 50.2
 54 47.6 40.1 60.1



#24
 Nitrobenzene
 Concen: 42.336 ng
 RT: 8.76 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BP002692.D
 Acq: 09 Jul 2020 11:47

Tgt Ion: 77 Resp: 674384
 Ion Ratio Lower Upper
 77 100
 123 44.8 35.3 52.9
 65 12.8 10.6 16.0

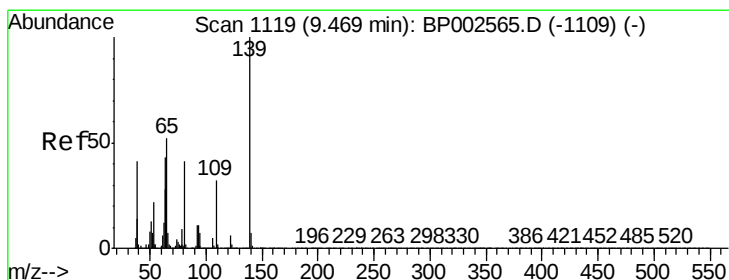
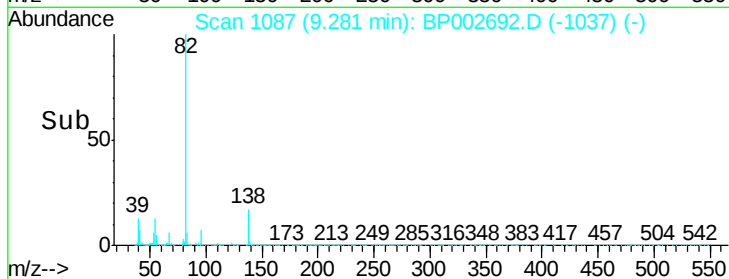
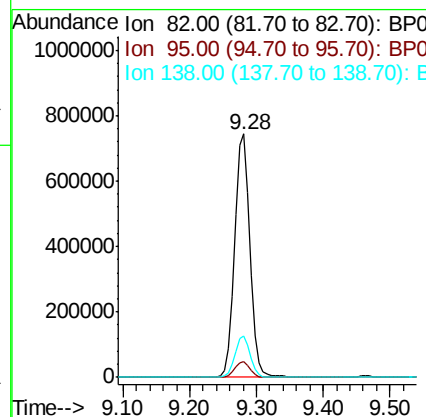
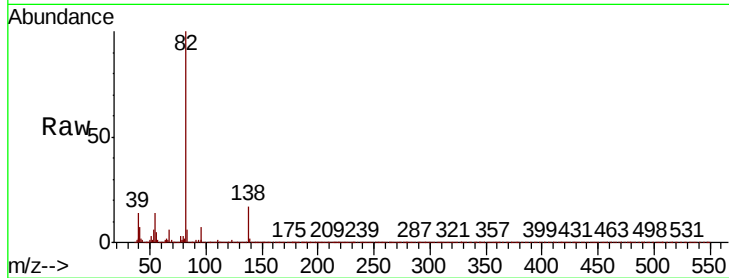




#25
Isophorone
Concen: 40.082 ng
RT: 9.28 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

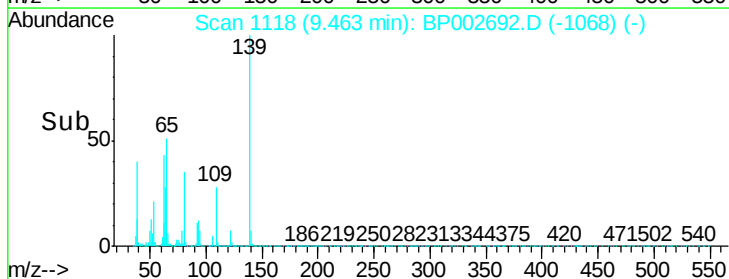
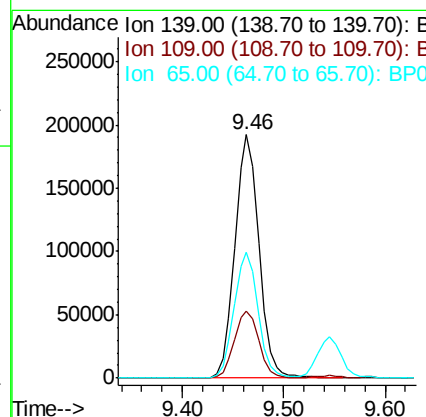
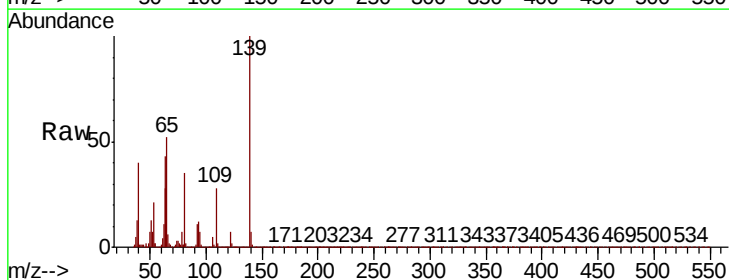
Instrument :
BNA_P
ClientSampleId :
PB130021BS

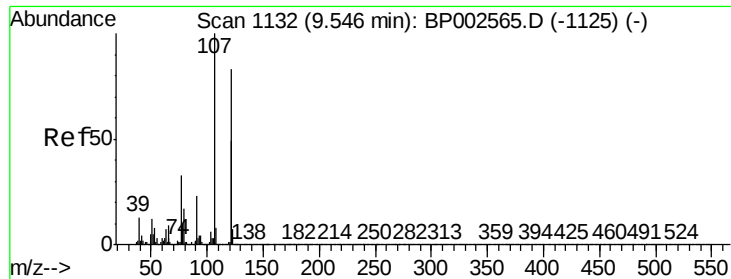
Tot Ion: 82 Resp: 1208975
Ion Ratio Lower Upper
82 100
95 6.7 6.0 9.0
138 17.2 13.8 20.8



#26
2-Nitrophenol
Concen: 43.655 ng
RT: 9.46 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion: 139 Resp: 317142
Ion Ratio Lower Upper
139 100
109 27.6 26.0 39.0
65 51.5 41.9 62.9

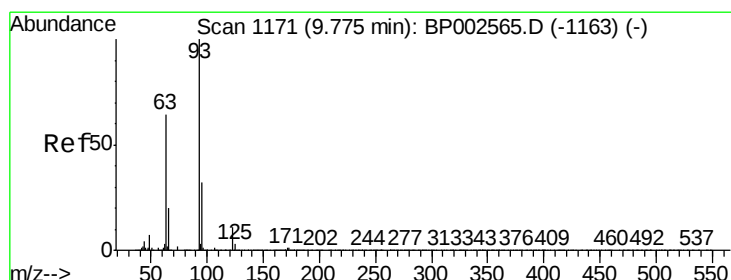
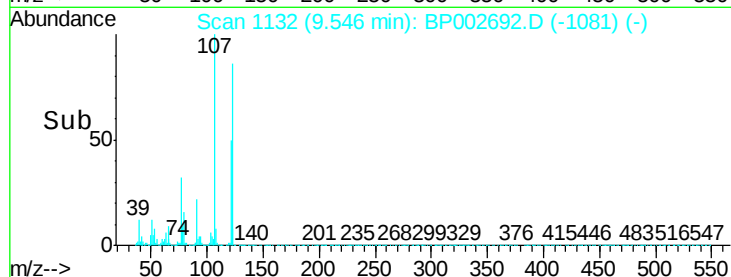
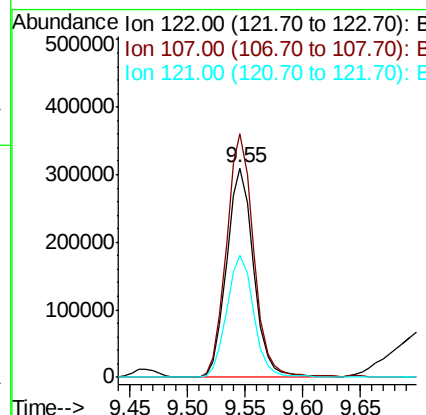
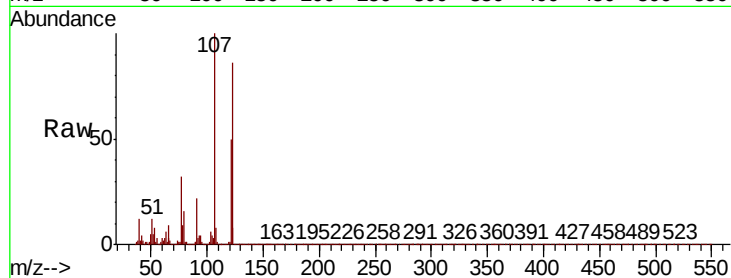




#27
2,4-Dimethylphenol
Concen: 45.748 ng
RT: 9.55 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

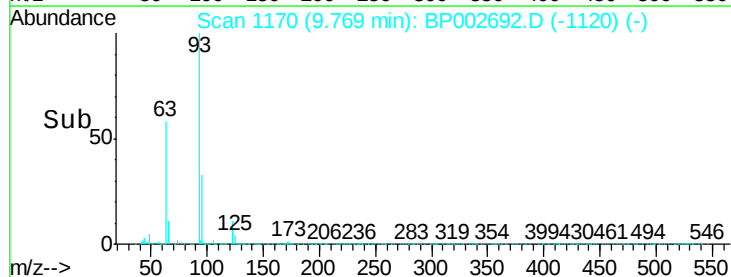
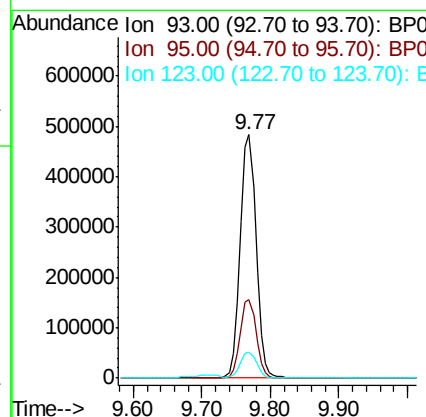
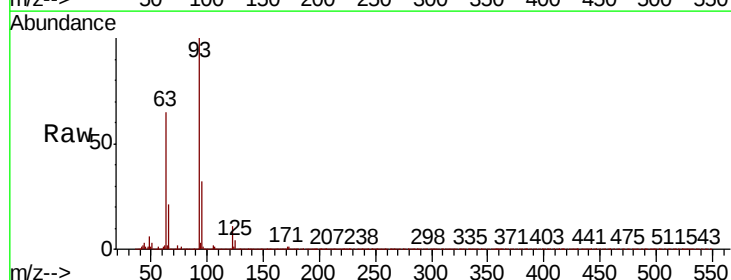
Instrument :
BNA_P
ClientSampleId :
PB130021BS

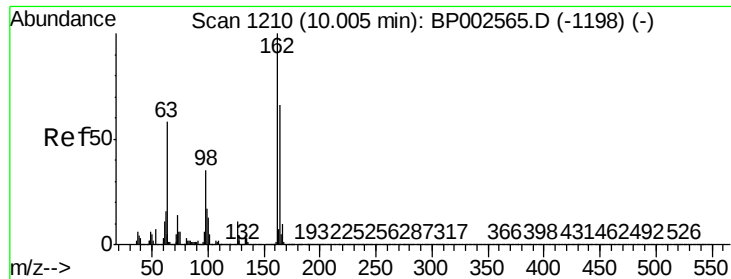
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.4	95.9	143.9
121	58.5	47.0	70.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.819 ng
RT: 9.77 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	10.9	8.7	13.1

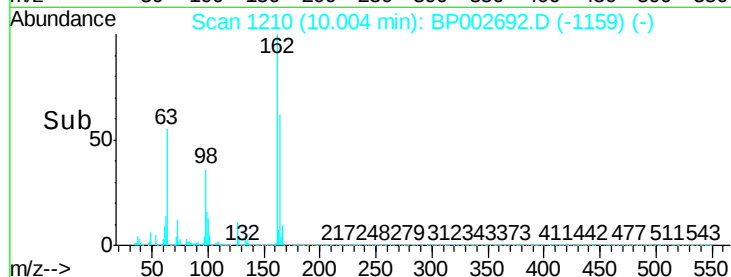
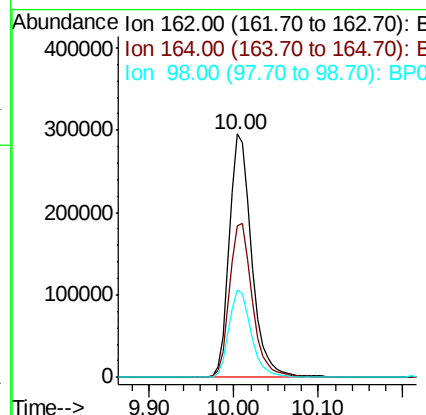
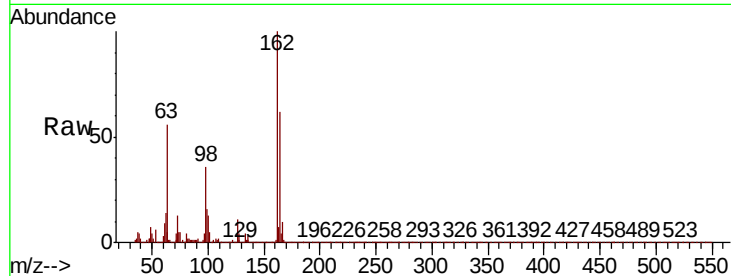




#29
 2,4-Dichlorophenol
 Concen: 42.590 ng
 RT: 10.00 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BP002692.D
 Acq: 09 Jul 2020 11:47

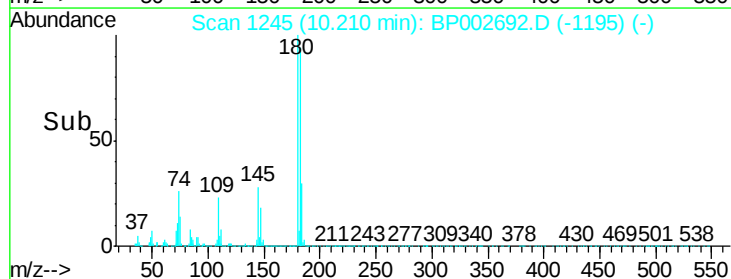
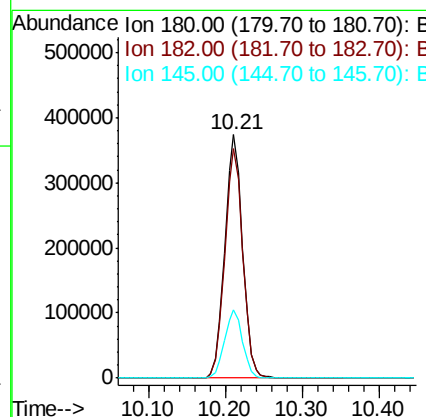
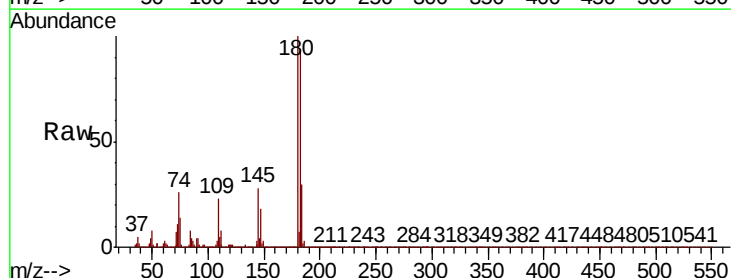
Instrument :
 BNA_P
 ClientSampleId :
 PB130021BS

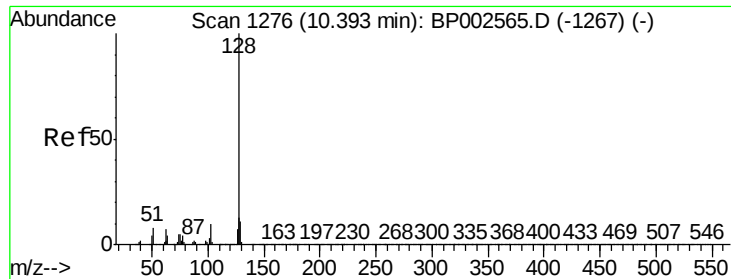
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	46.1	86.1
98	35.7	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.683 ng
 RT: 10.21 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BP002692.D
 Acq: 09 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	78.2	117.2
145	28.3	22.6	34.0

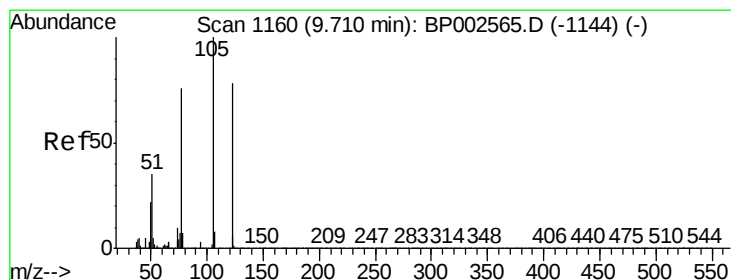
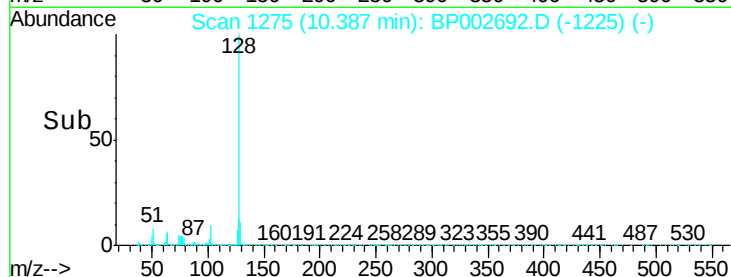
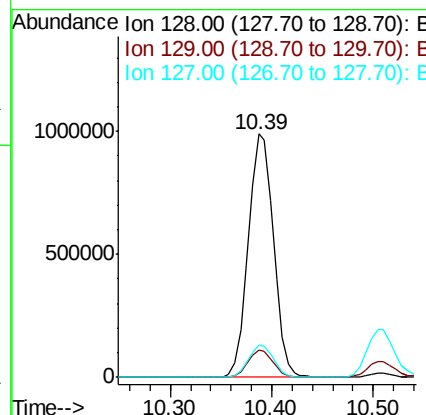
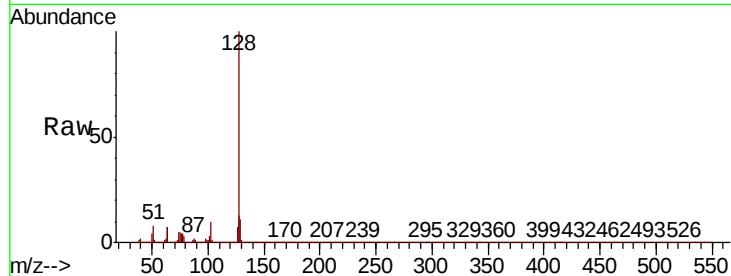




#31
Naphthalene
Concen: 41.577 ng
RT: 10.39 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

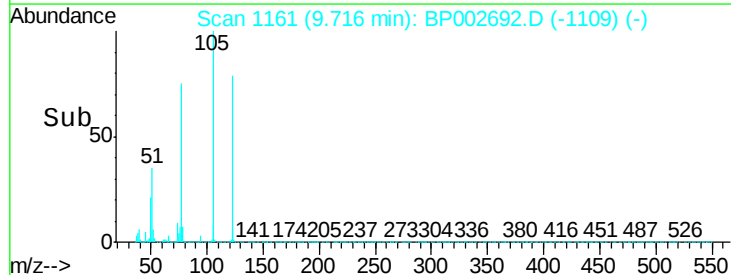
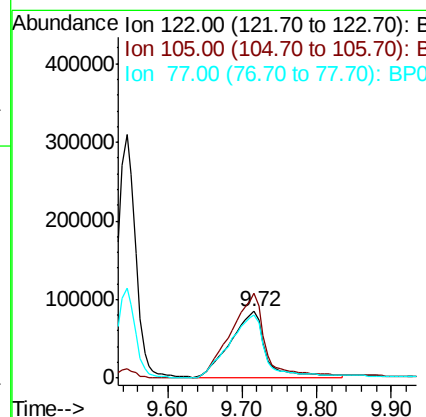
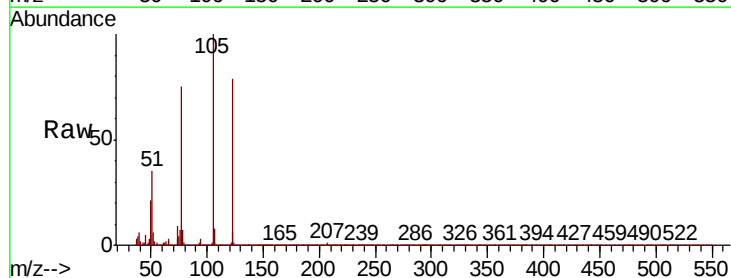
Instrument :
BNA_P
ClientSampleId :
PB130021BS

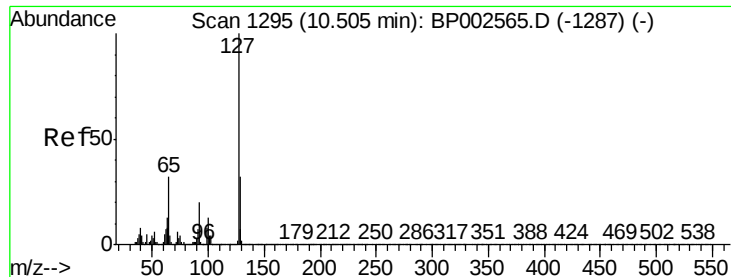
Tot Ion:128 Resp: 1706685
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.3 10.3 15.5



#32
Benzoic acid
Concen: 34.501 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion:122 Resp: 272466
Ion Ratio Lower Upper
122 100
105 126.8 106.6 146.6
77 95.2 76.5 116.5

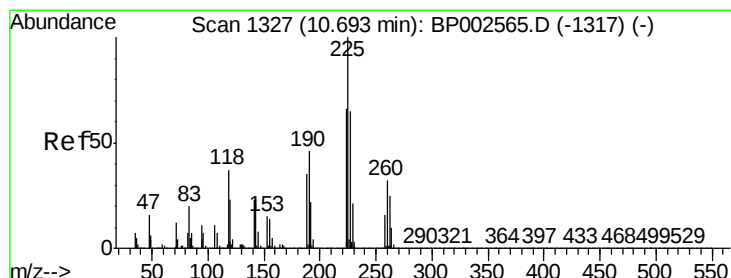
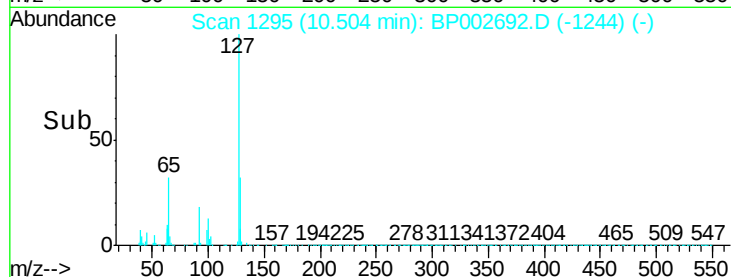
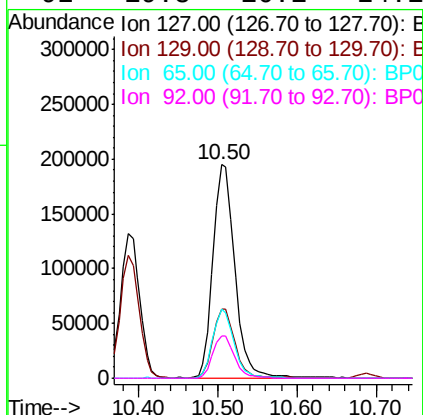
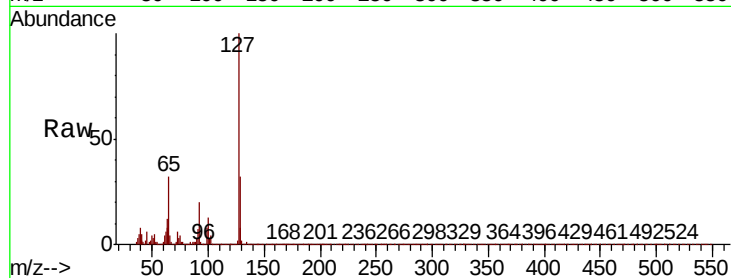




#33
4-Chloroaniline
Concen: 20.884 ng
RT: 10.50 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

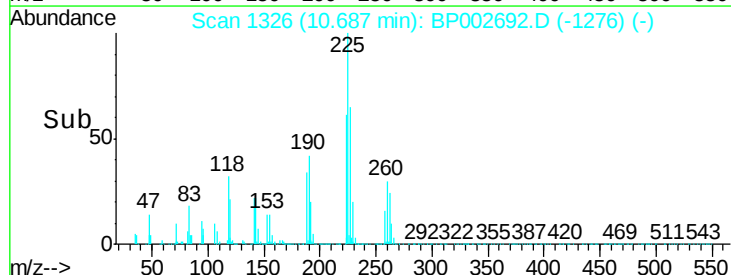
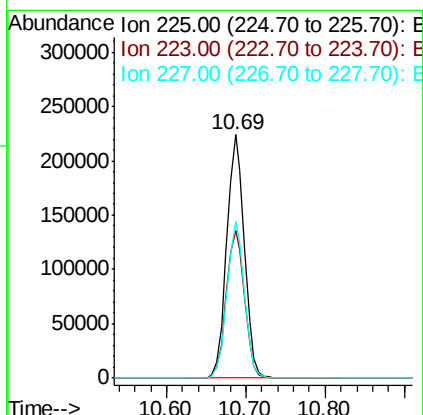
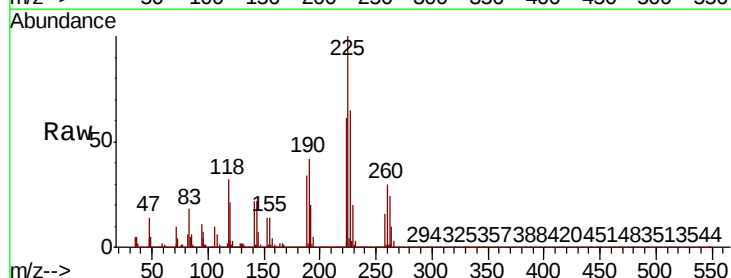
Instrument :
BNA_P
ClientSampleId :
PB130021BS

Tot Ion:	127	Resp:	374974
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	32.5	25.7	38.5
92	19.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.393 ng
RT: 10.69 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion:	225	Resp:	344381
Ion	Ratio	Lower	Upper
225	100		
223	60.8	52.6	78.8
227	64.6	52.1	78.1





#35

Caprolactam

Concen: 38.764 ng

RT: 11.27 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

BNA_P

ClientSampleId :

PB130021BS

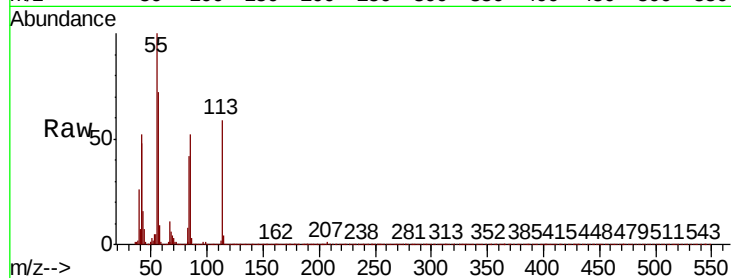
Tot Ion:113 Resp: 165314

Ion Ratio Lower Upper

113 100

55 170.5 143.7 183.7

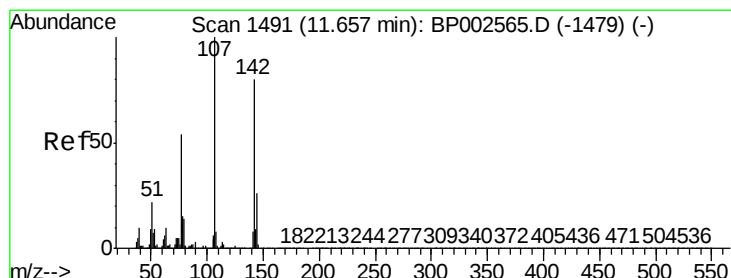
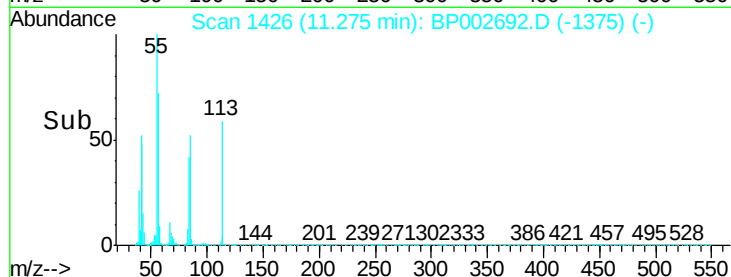
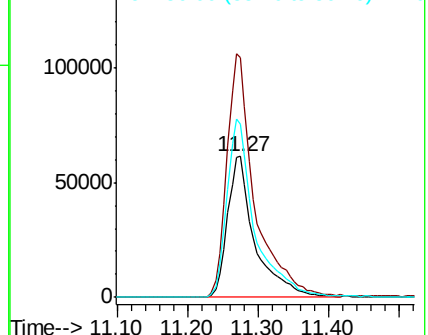
56 123.1 105.2 145.2



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: 39.626 ng

RT: 11.66 min Scan# 1492

Delta R.T. 0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

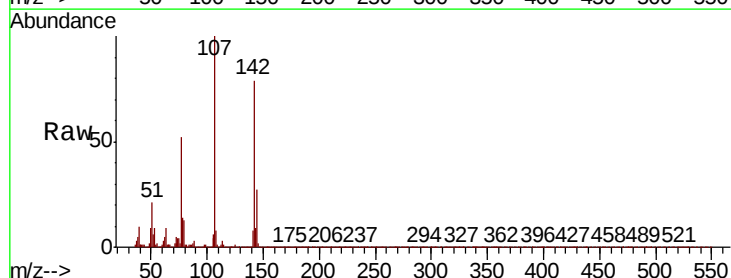
Tgt Ion:107 Resp: 550996

Ion Ratio Lower Upper

107 100

144 26.6 21.0 31.6

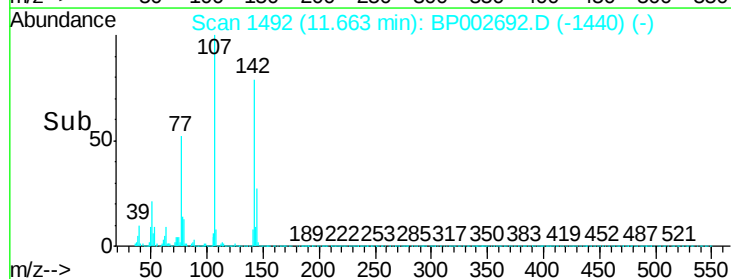
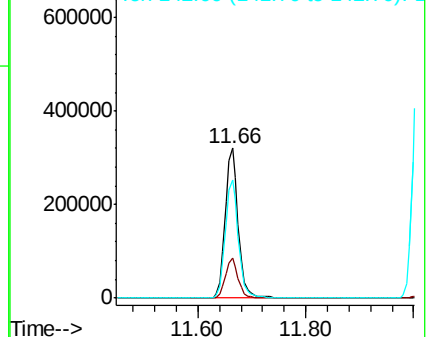
142 79.1 63.9 95.9

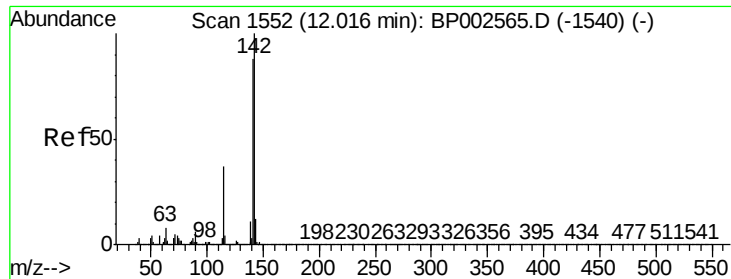


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

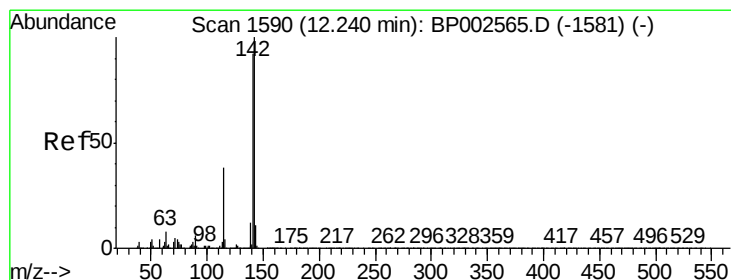
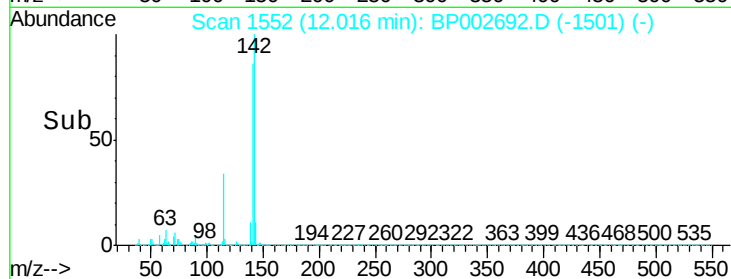
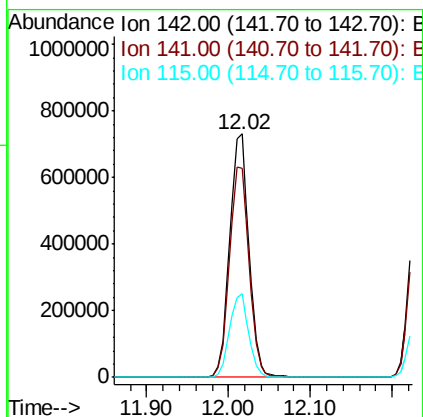
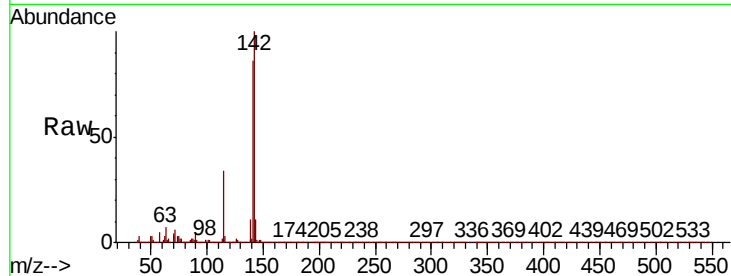




#37
2-Methylnaphthalene
Concen: 40.135 ng
RT: 12.02 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

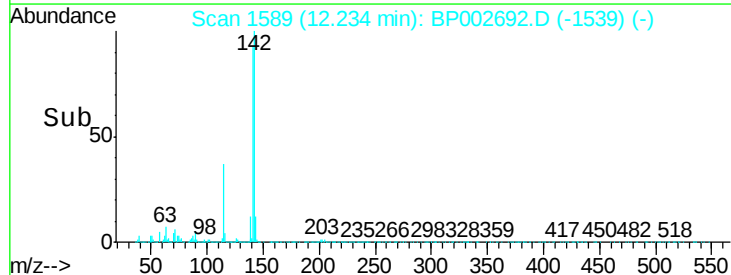
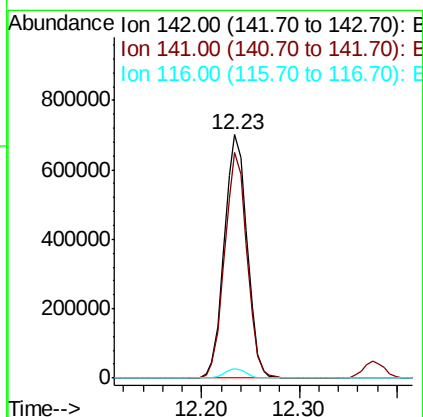
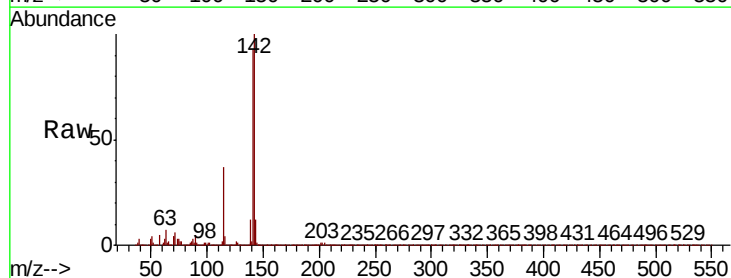
Instrument :
BNA_P
ClientSampleId :
PB130021BS

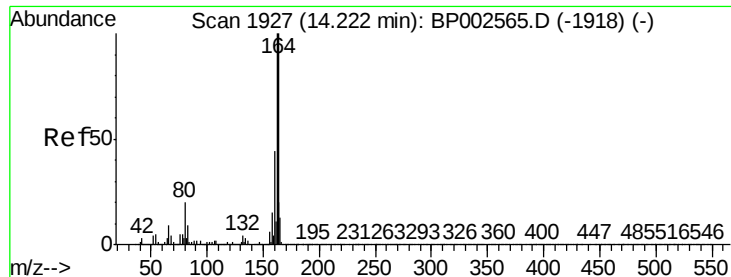
Tot Ion:142 Resp: 1201235
Ion Ratio Lower Upper
142 100
141 85.9 70.7 106.1
115 34.2 29.7 44.5



#38
1-Methylnaphthalene
Concen: 40.195 ng
RT: 12.23 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion:142 Resp: 1133027
Ion Ratio Lower Upper
142 100
141 92.6 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: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

BNA_P

ClientSampleId :

PB130021BS

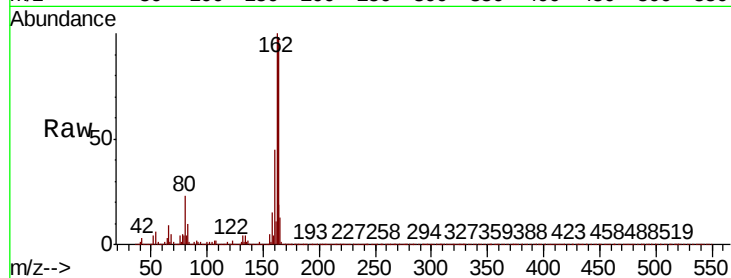
Tot Ion:164 Resp: 436327

Ion Ratio Lower Upper

164 100

162 101.8 80.3 120.5

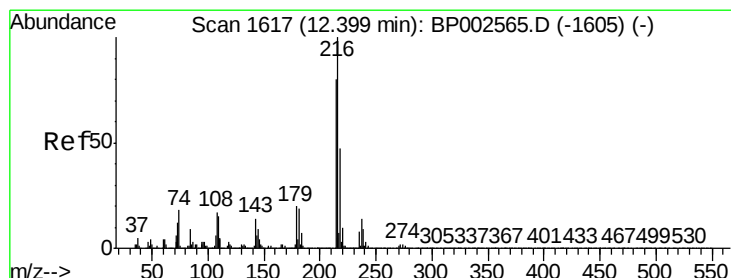
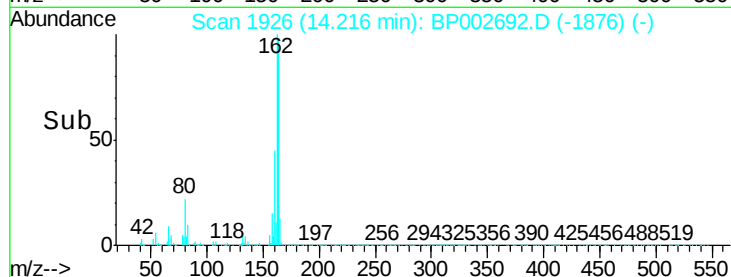
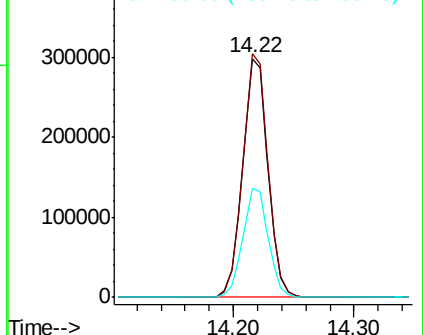
160 45.5 35.0 52.6



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: 43.627 ng

RT: 12.40 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Tgt Ion:216 Resp: 594392

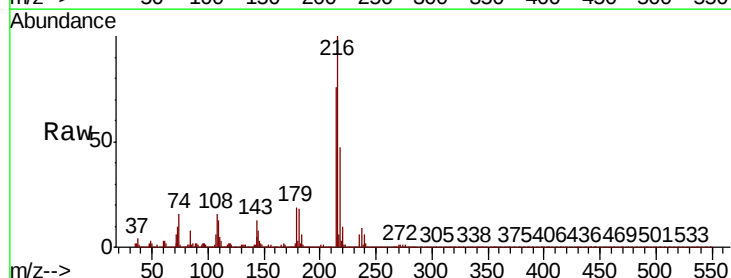
Ion Ratio Lower Upper

216 100

214 78.1 63.2 94.8

179 20.0 16.6 24.8

108 20.1 14.9 22.3

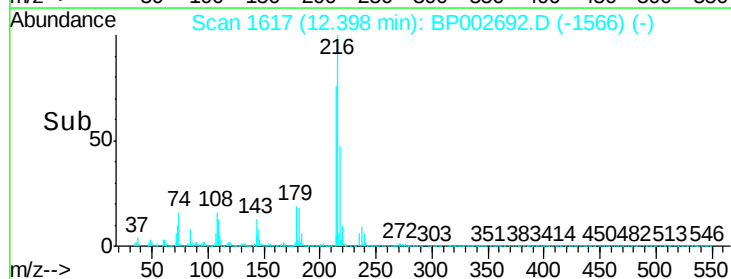
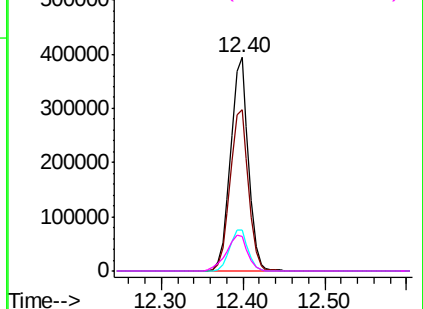


Abundance Ion 216.00 (215.70 to 216.70): E

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

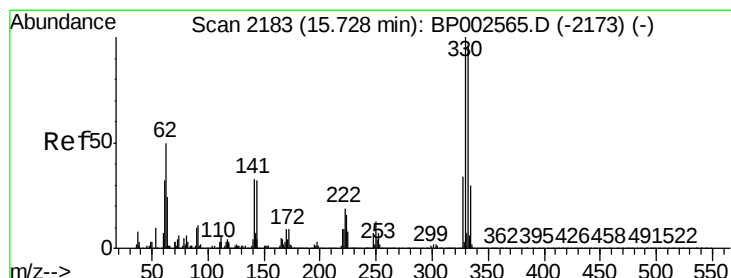
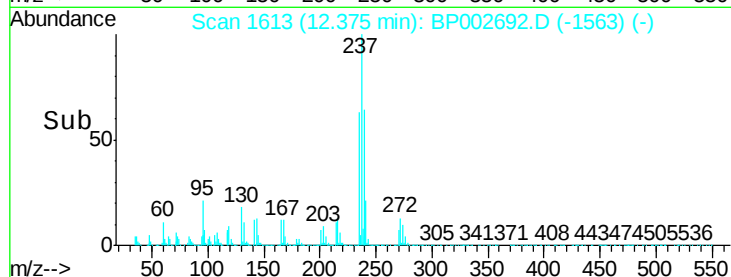
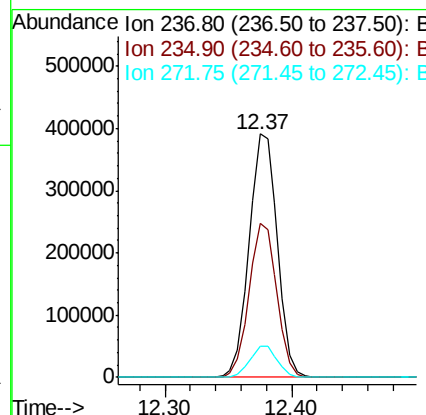
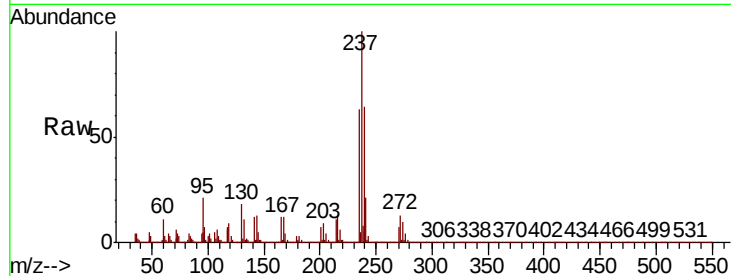




#41
Hexachlorocyclopentadiene
Concen: 84.764 ng
RT: 12.37 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

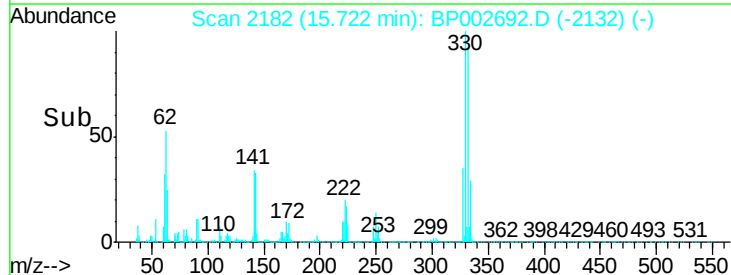
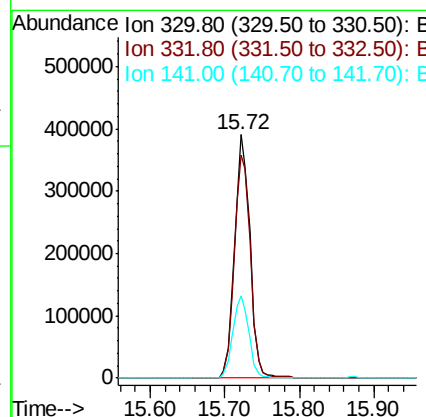
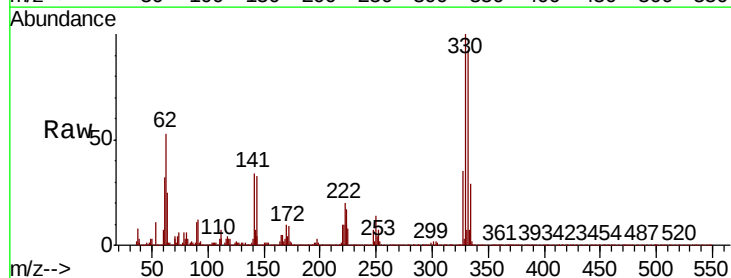
Instrument :
BNA_P
ClientSampleId :
PB130021BS

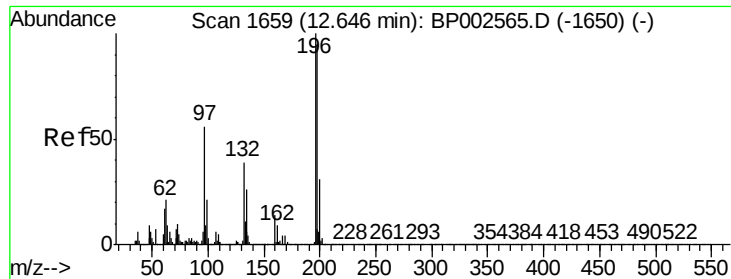
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.1	45.4	85.4
272	12.6	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 107.229 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.7	116.5
141	35.2	29.0	43.6

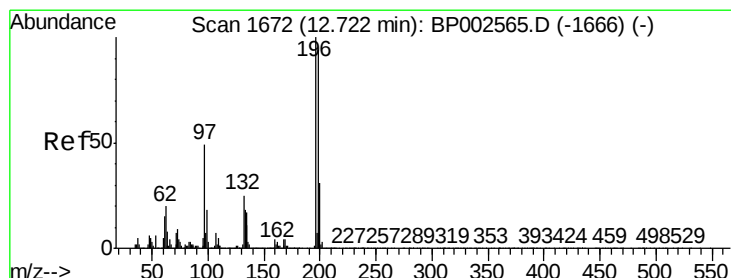
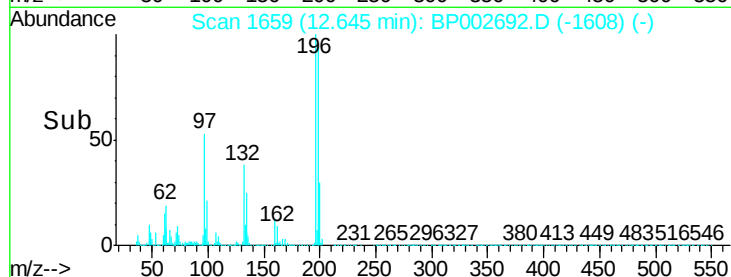
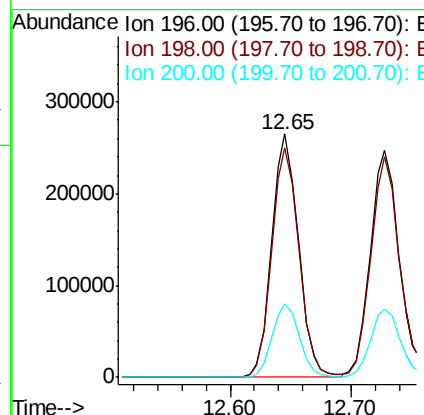
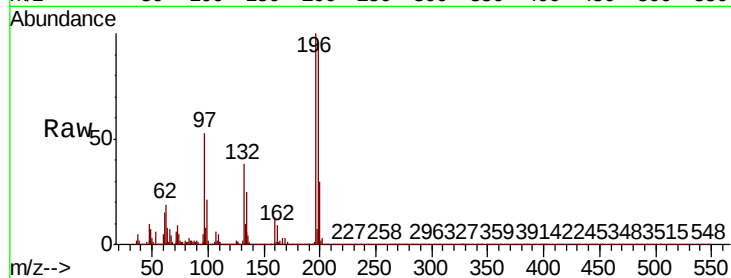




#43
 2,4,6-Trichlorophenol
 Concen: 43.933 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BP002692.D
 Acq: 09 Jul 2020 11:47

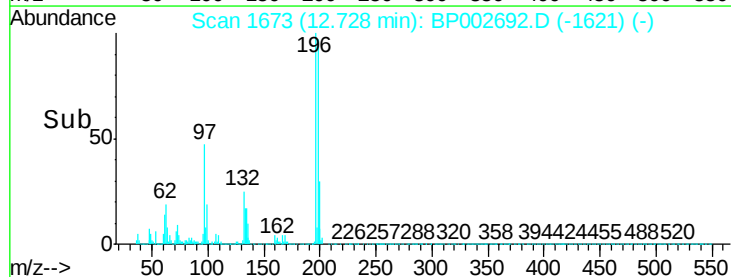
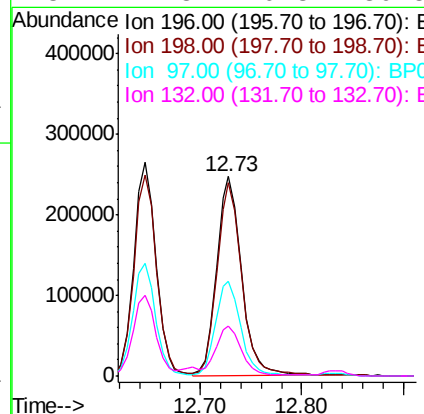
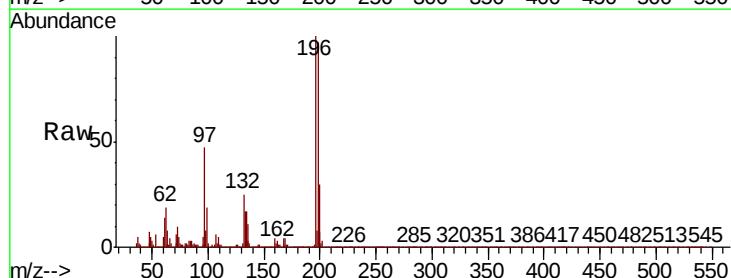
Instrument :
 BNA_P
 ClientSampleId :
 PB130021BS

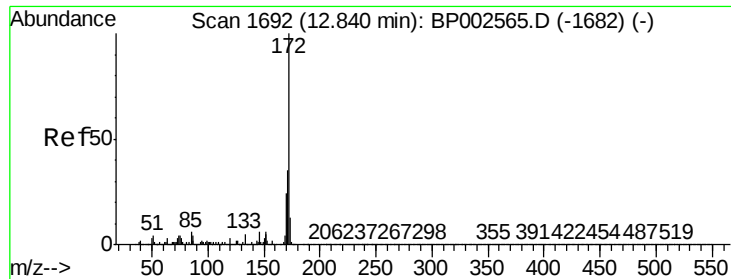
Tot Ion:196 Resp: 405004
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.3 112.9
 200 30.2 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 39.658 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. 0.01 min
 Lab File: BP002692.D
 Acq: 09 Jul 2020 11:47

Tgt Ion:196 Resp: 420860
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.4 113.0
 97 47.4 39.3 58.9
 132 24.8 20.3 30.5

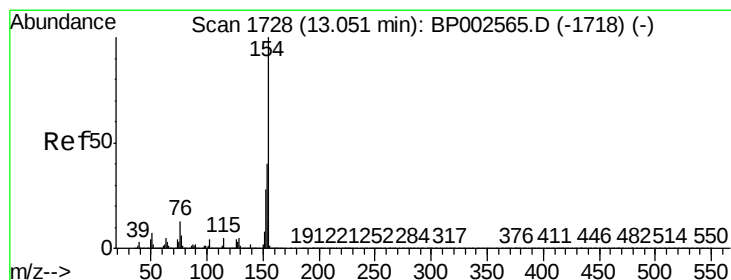
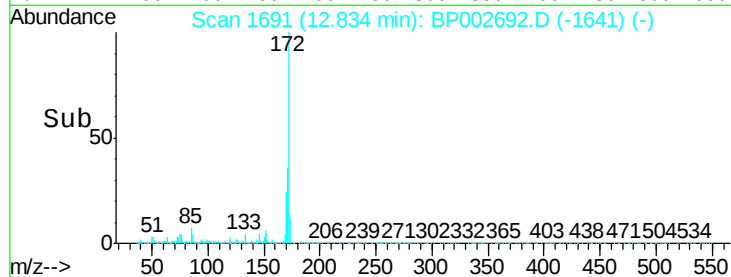
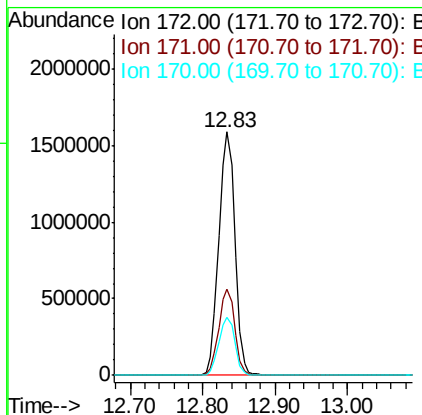
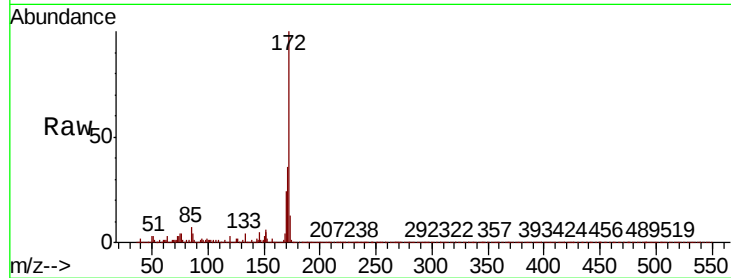




#45
2-Fluorobiphenyl
Concen: 83.449 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

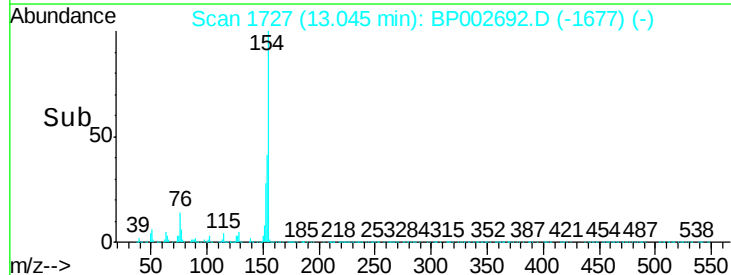
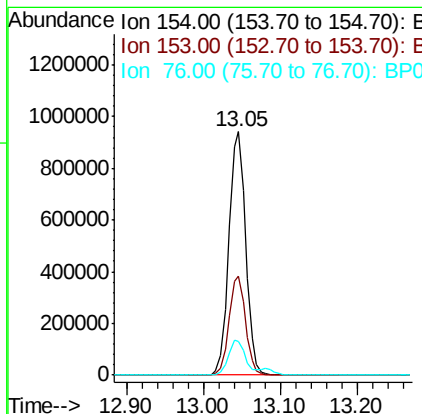
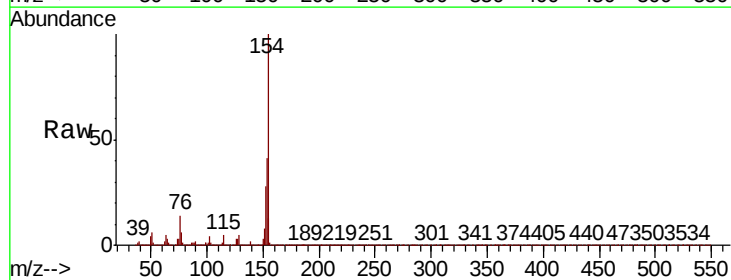
Instrument :
BNA_P
ClientSampleId :
PB130021BS

Tot Ion:172 Resp: 2473863
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.286 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion:154 Resp: 1428671
Ion Ratio Lower Upper
154 100
153 40.6 20.0 60.0
76 14.1 0.0 33.0

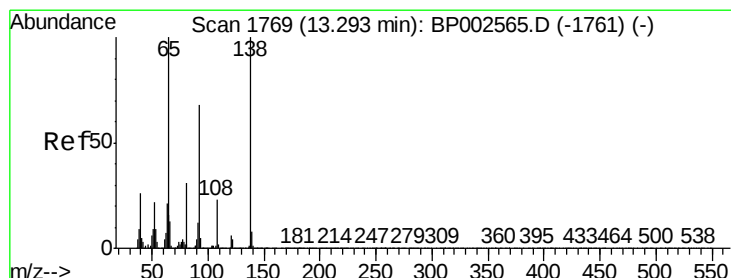
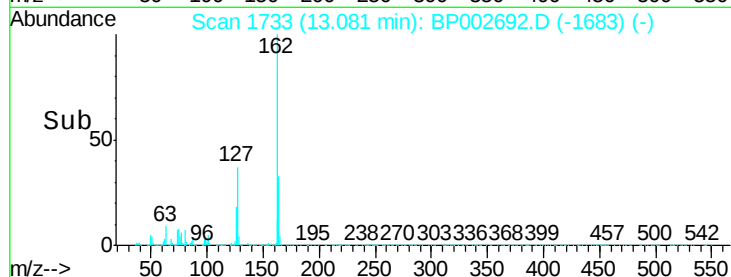
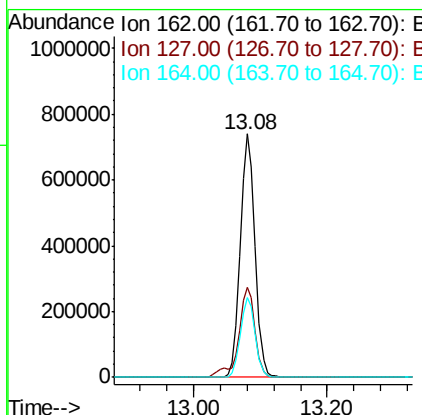
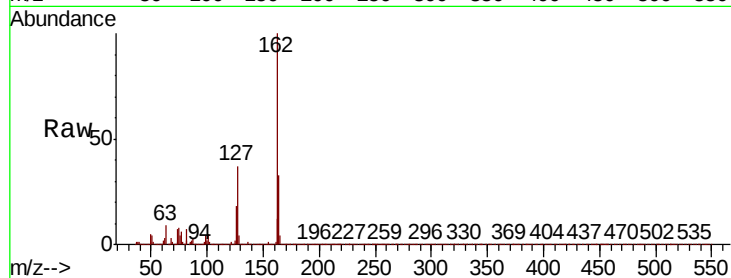




#47
2-Chloronaphthalene
Concen: 42.233 ng
RT: 13.08 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

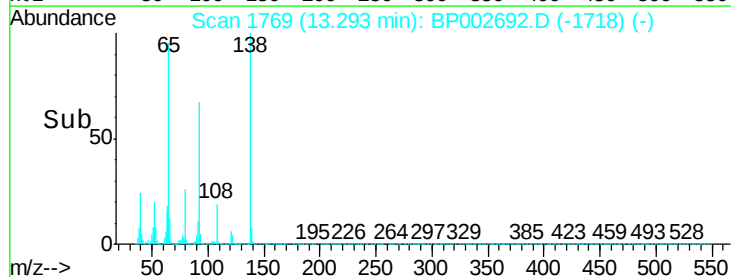
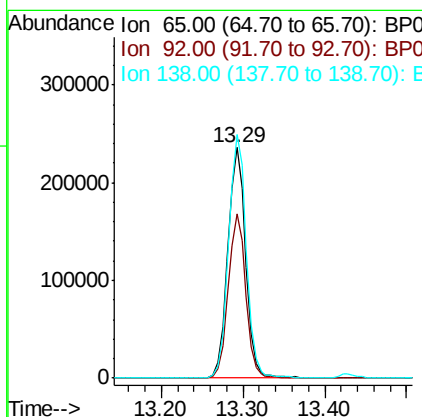
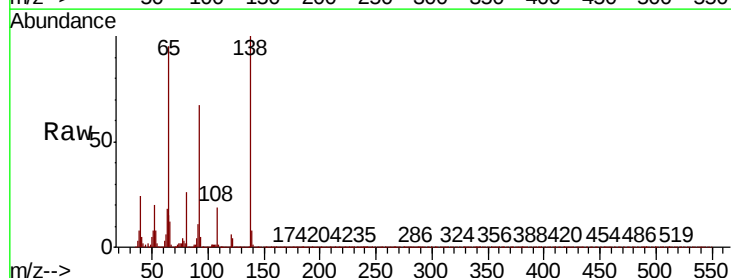
Instrument :
BNA_P
ClientSampleId :
PB130021BS

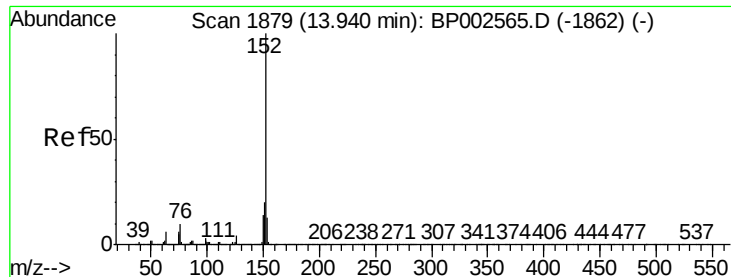
Tot Ion:162 Resp: 1134673
Ion Ratio Lower Upper
162 100
127 37.1 31.7 47.5
164 32.6 27.3 40.9



#48
2-Nitroaniline
Concen: 41.797 ng
RT: 13.29 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion: 65 Resp: 358241
Ion Ratio Lower Upper
65 100
92 71.3 54.2 81.4
138 105.7 79.8 119.8





#49

Acenaphthylene

Concen: 42.733 ng

RT: 13.93 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

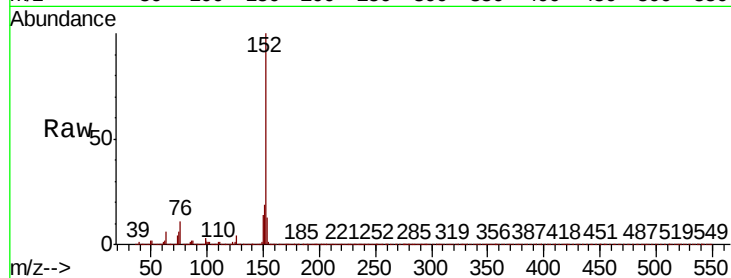
BNA_P

ClientSampleId :

PB130021BS

Tot Ion:152 Resp: 1806880

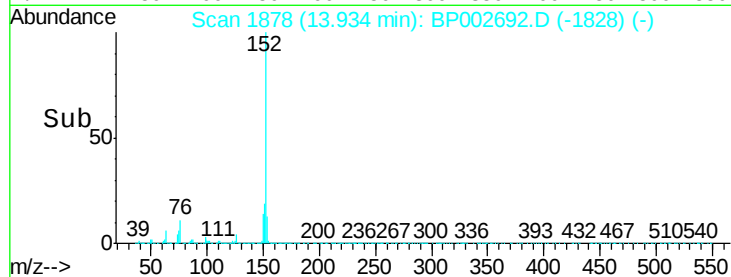
Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	12.9	10.2	15.2



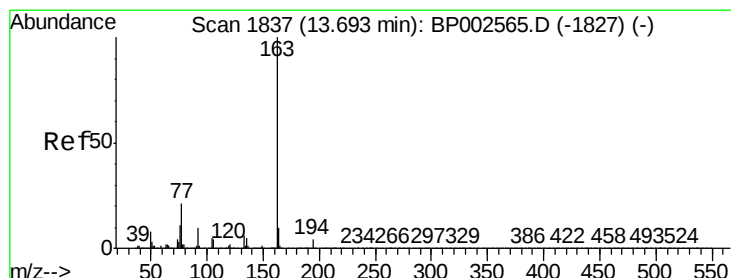
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 39.616 ng

RT: 13.69 min Scan# 1836

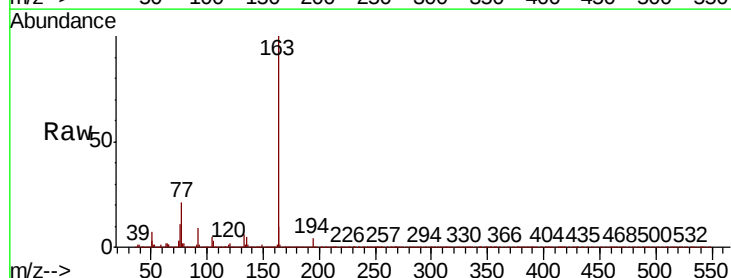
Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Tgt Ion:163 Resp: 1357633

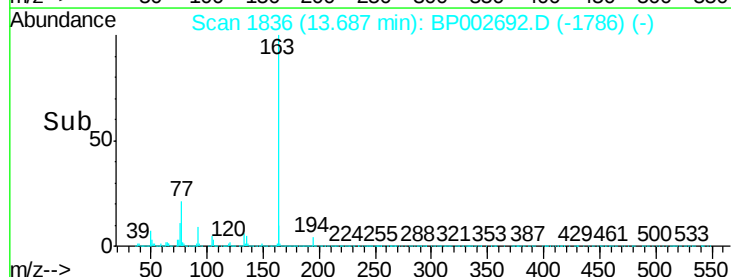
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.2	12.4



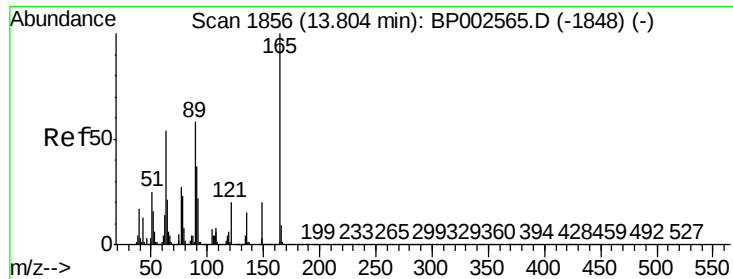
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



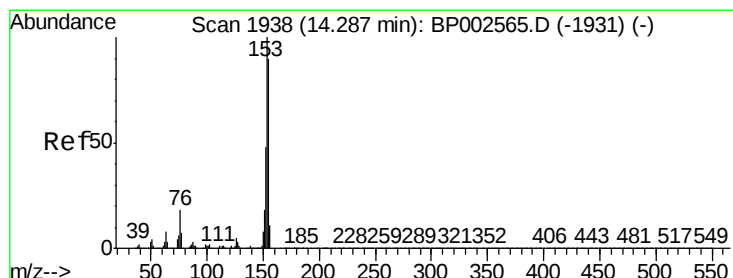
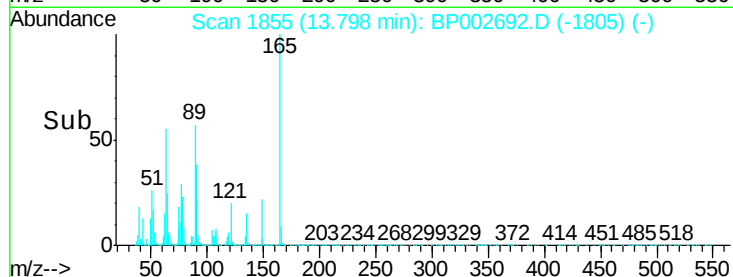
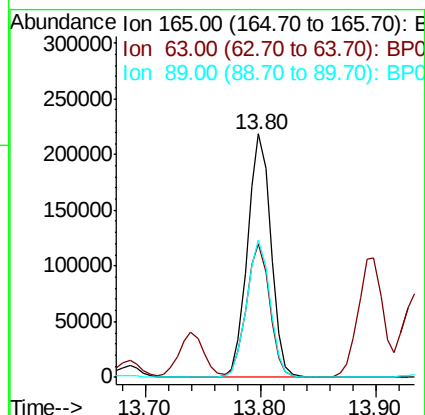
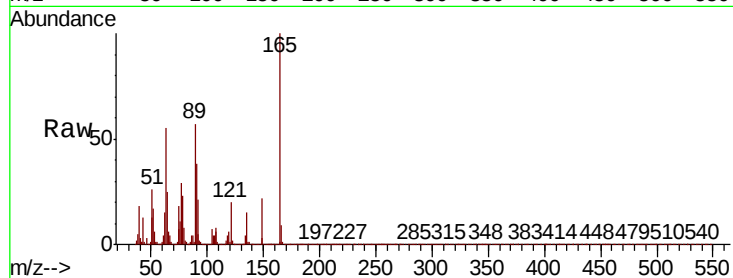
Time-->



#51
2,6-Dinitrotoluene
Concen: 41.565 ng
RT: 13.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

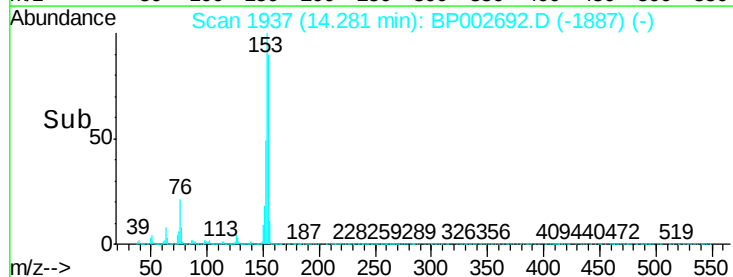
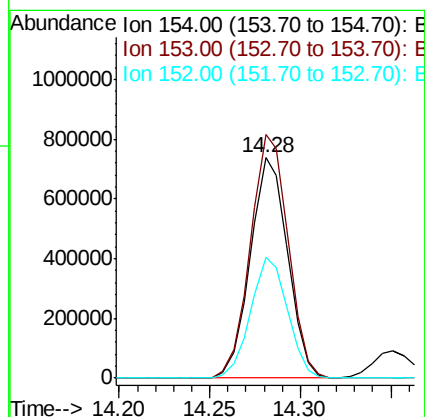
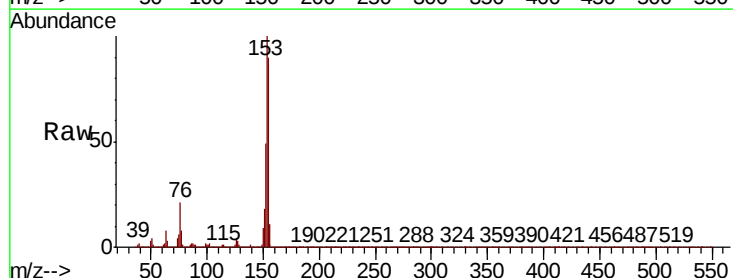
Instrument :
BNA_P
ClientSampleId :
PB130021BS

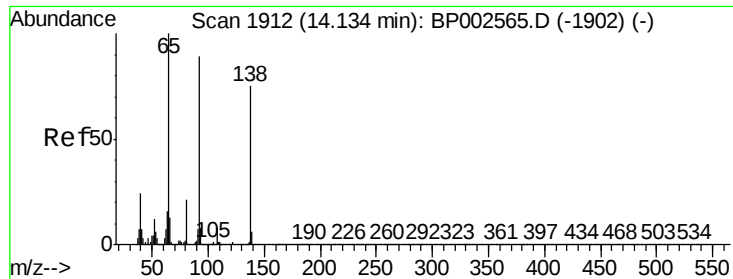
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.8	46.6	69.8
89	56.6	46.3	69.5



#52
Acenaphthene
Concen: 42.447 ng
RT: 14.28 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.1	133.7
152	54.7	43.2	64.8

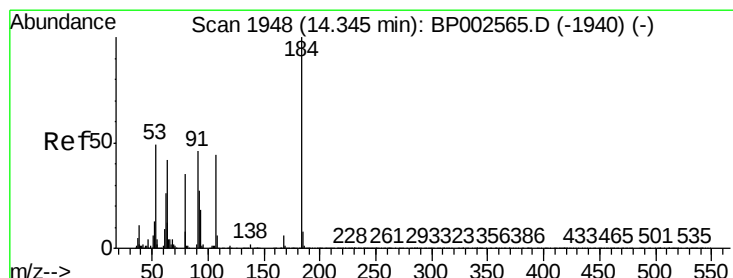
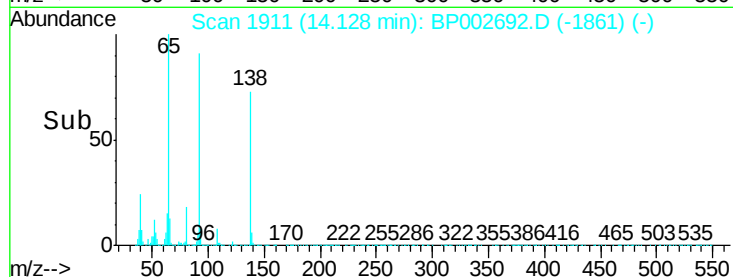
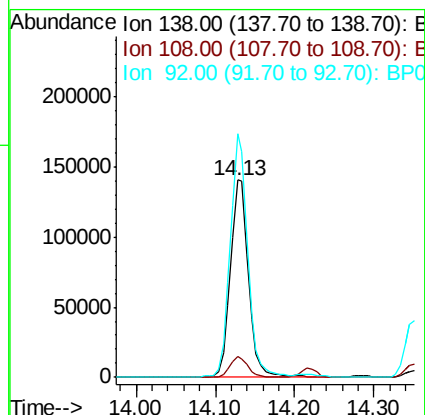
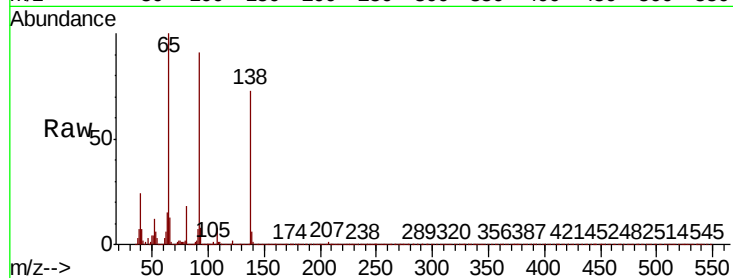




#53
3-Nitroaniline
Concen: 27.510 ng
RT: 14.13 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

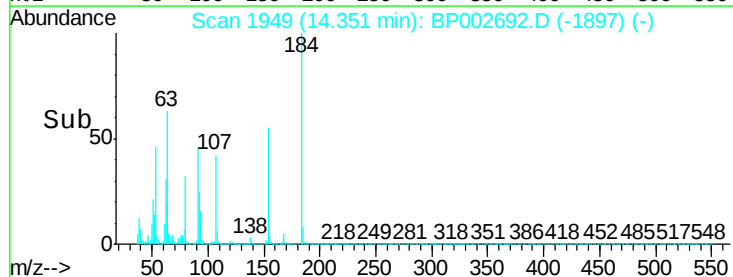
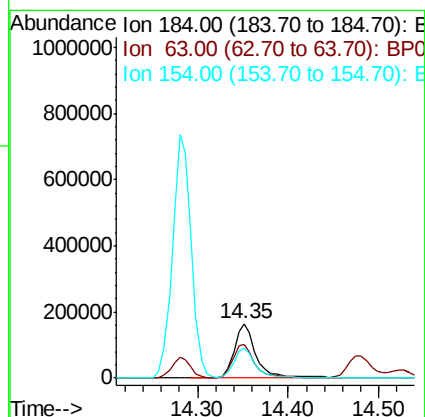
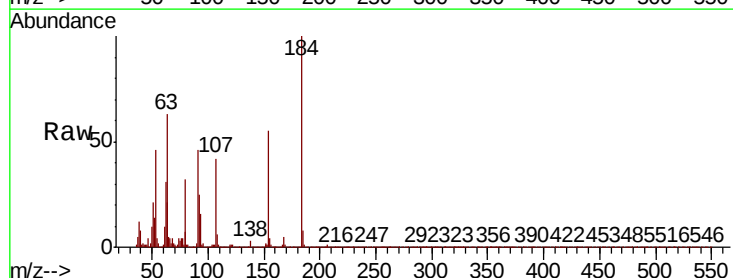
Instrument :
BNA_P
ClientSampleId :
PB130021BS

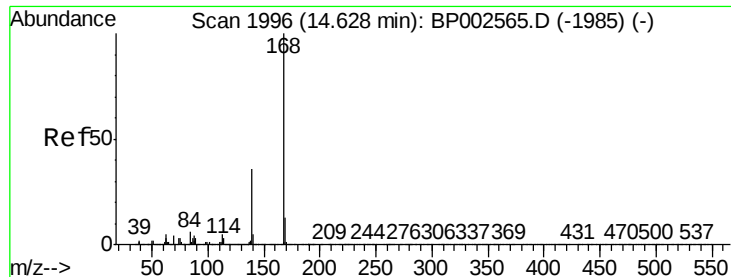
Tot Ion:138 Resp: 221704
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 123.6 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 61.170 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion:184 Resp: 275170
Ion Ratio Lower Upper
184 100
63 63.0 56.2 84.2
154 55.4 50.9 76.3





#55

Dibenzenofuran

Concen: 41.188 ng

RT: 14.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

BNA_P

ClientSampleId :

PB130021BS

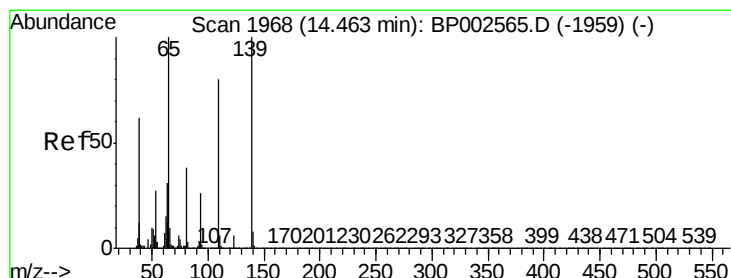
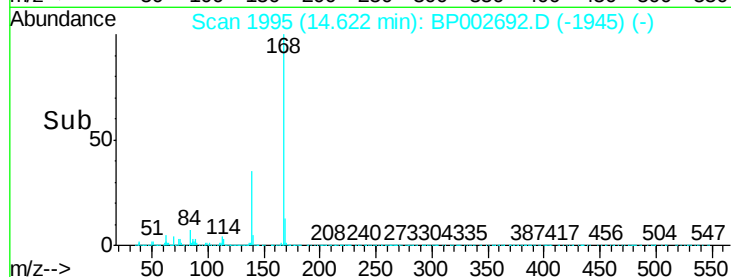
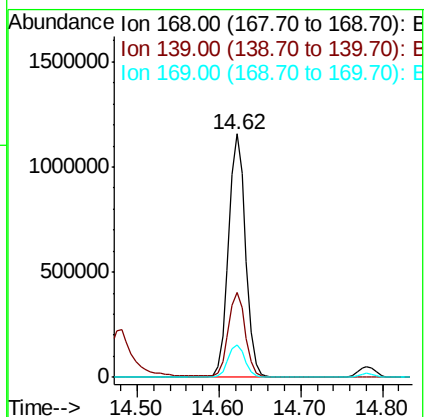
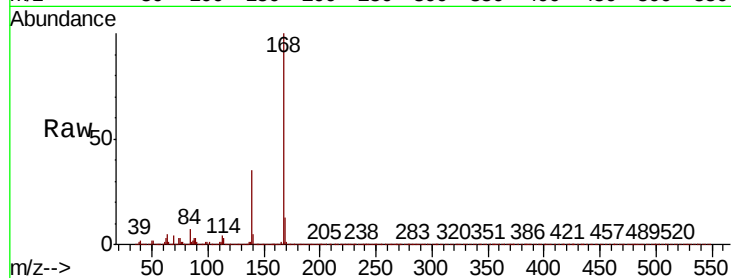
Tot Ion:168 Resp: 1665164

Ion	Ratio	Lower	Upper
168	100		
139	34.8	29.3	43.9
169	13.2	10.6	15.8

168 100

139 34.8 29.3 43.9

169 13.2 10.6 15.8



#56

4-Nitrophenol

Concen: 72.636 ng

RT: 14.48 min Scan# 1971

Delta R.T. 0.02 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

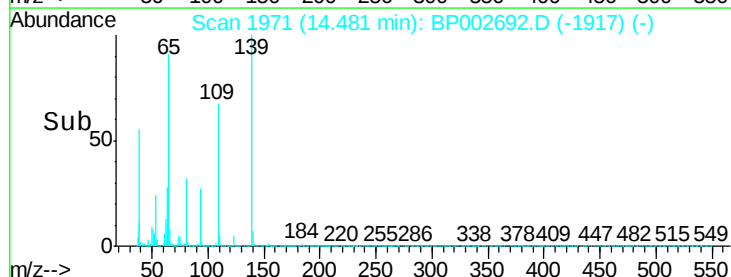
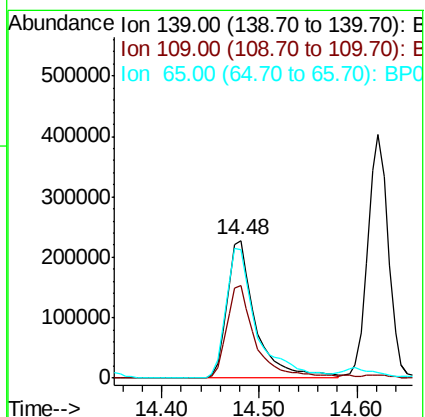
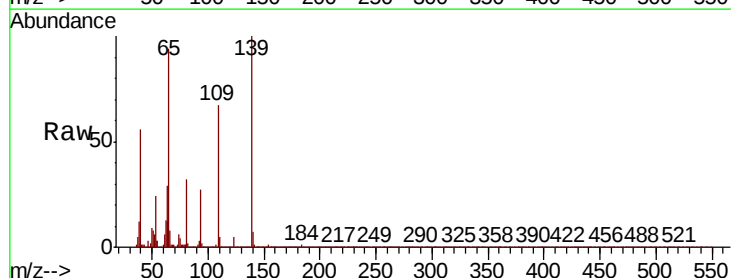
Tgt Ion:139 Resp: 460629

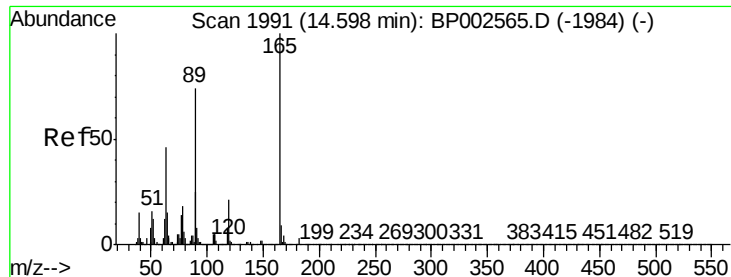
Ion	Ratio	Lower	Upper
139	100		
109	67.4	60.1	100.1
65	93.6	80.3	120.3

139 100

109 67.4 60.1 100.1

65 93.6 80.3 120.3

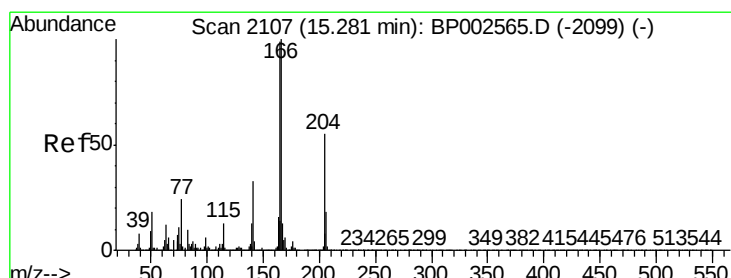
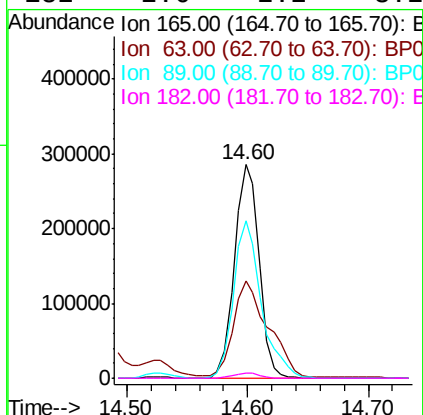
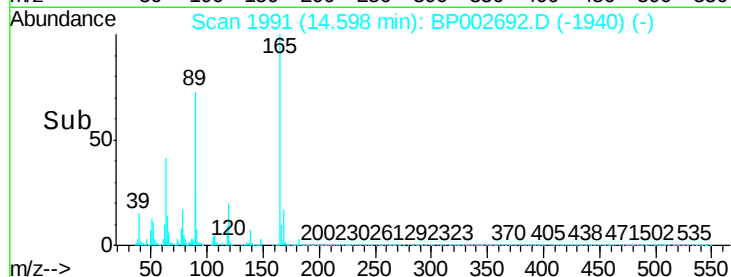
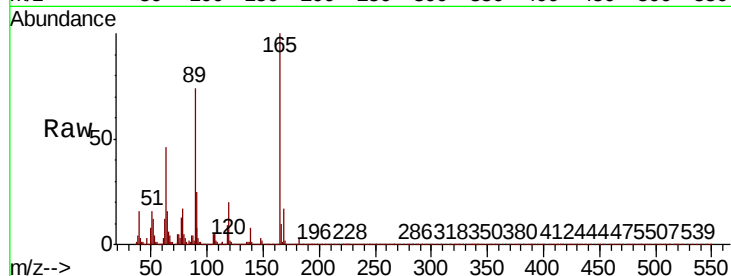




#57
2,4-Dinitrotoluene
Concen: 40.678 ng
RT: 14.60 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

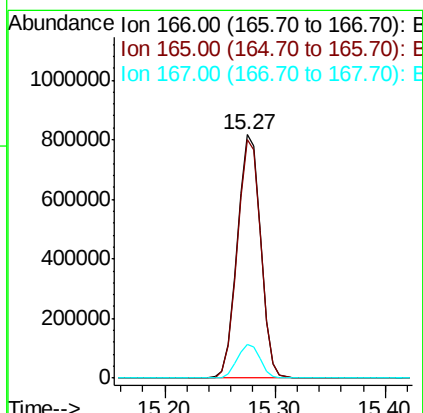
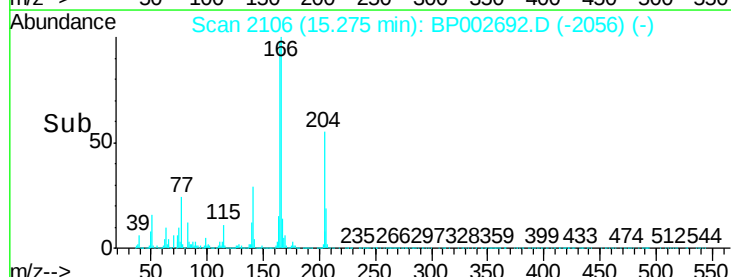
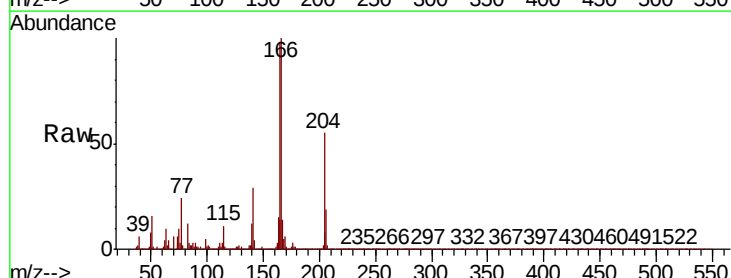
Instrument :
BNA_P
ClientSampleId :
PB130021BS

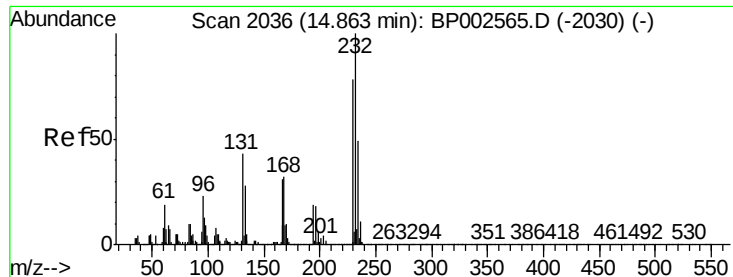
Tot Ion:165 Resp: 405009
Ion Ratio Lower Upper
165 100
63 45.7 37.3 55.9
89 73.9 59.4 89.0
182 2.6 2.2 3.2



#58
Fluorene
Concen: 39.641 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion:166 Resp: 1220550
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 13.9 10.8 16.2

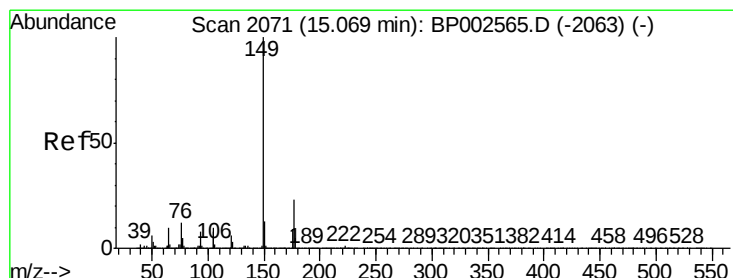
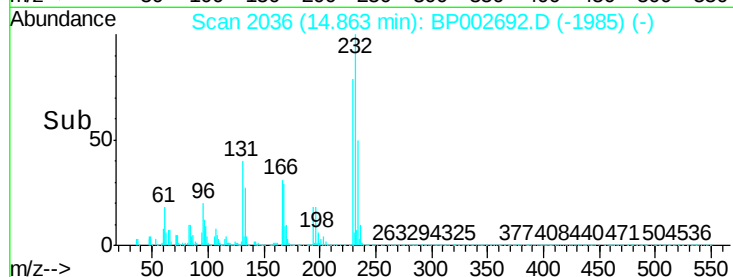
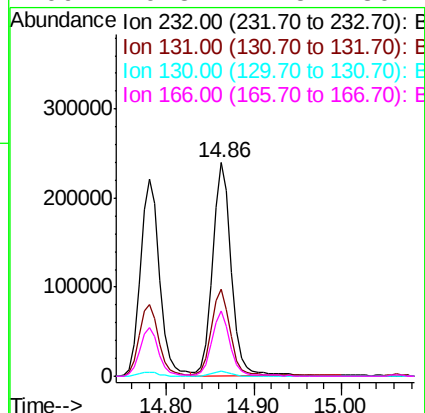
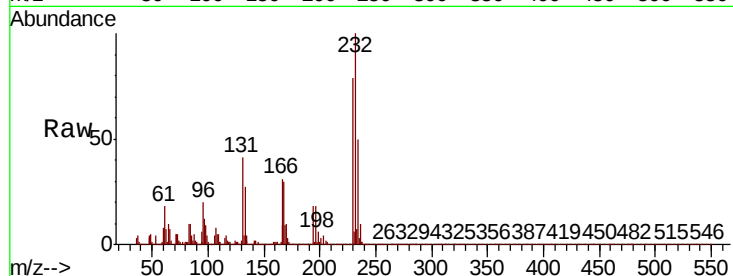




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.595 ng
 RT: 14.86 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BP002692.D
 Acq: 09 Jul 2020 11:47

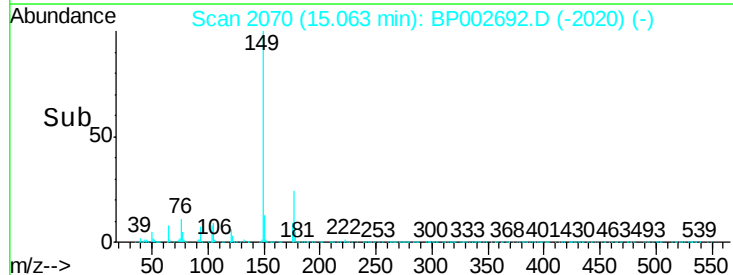
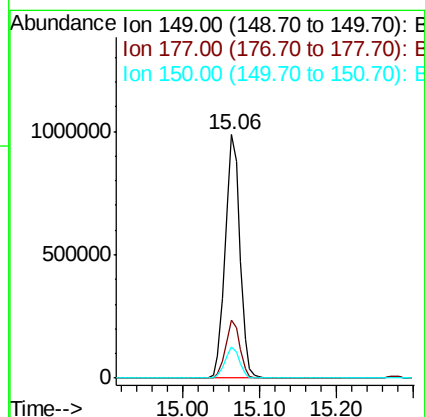
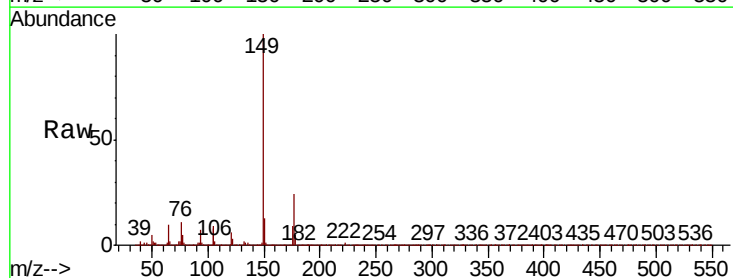
Instrument :
 BNA_P
 ClientSampleId :
 PB130021BS

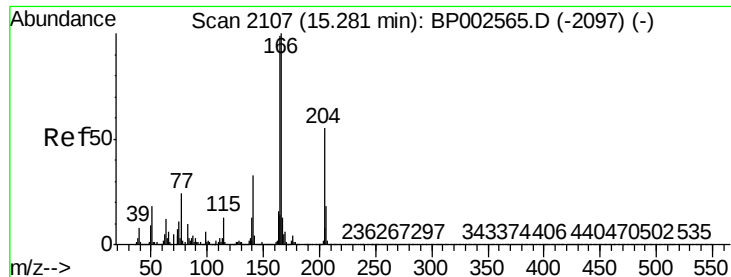
Tot Ion:232	Resp:	356583	
Ion Ratio	Lower	Upper	
232 100			
131 41.5	34.4	51.6	
130 2.2	1.8	2.6	
166 29.8	24.5	36.7	



#60
 Diethylphthalate
 Concen: 38.535 ng
 RT: 15.06 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BP002692.D
 Acq: 09 Jul 2020 11:47

Tgt Ion:149	Resp: 1313178
Ion Ratio	Lower Upper
149 100	
177 23.7	18.6 27.8
150 12.6	10.2 15.2

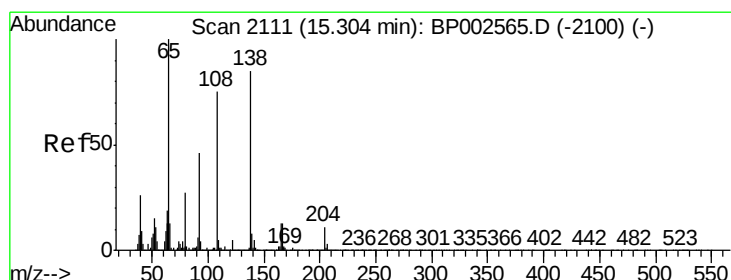
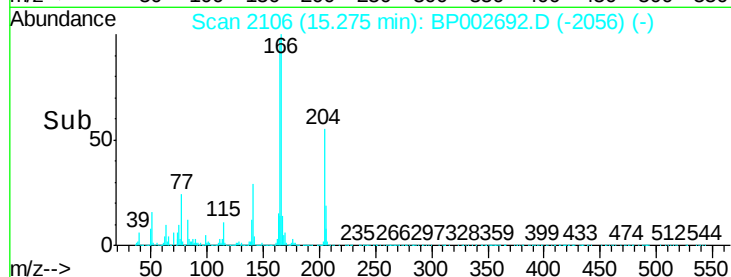
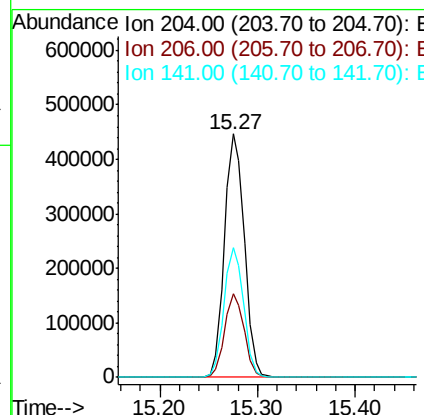
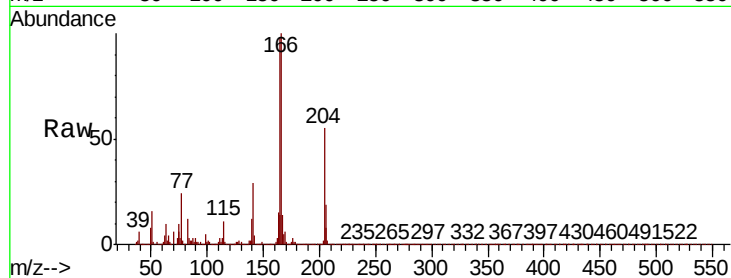




#61
4-Chlorophenyl-phenylether
Concen: 38.061 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

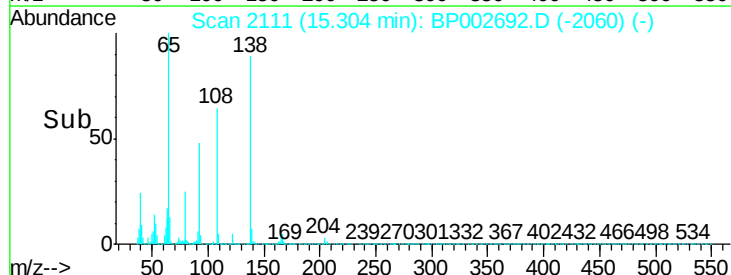
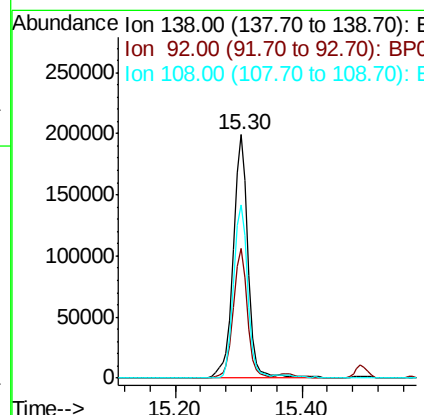
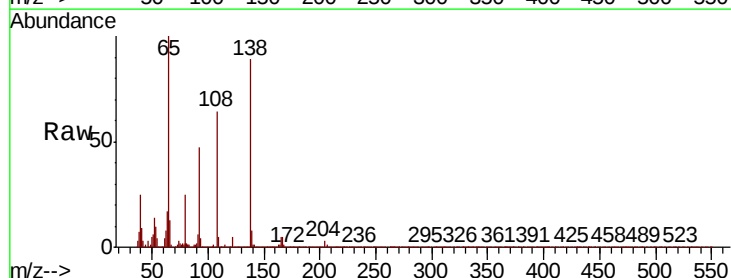
Instrument :
BNA_P
ClientSampleId :
PB130021BS

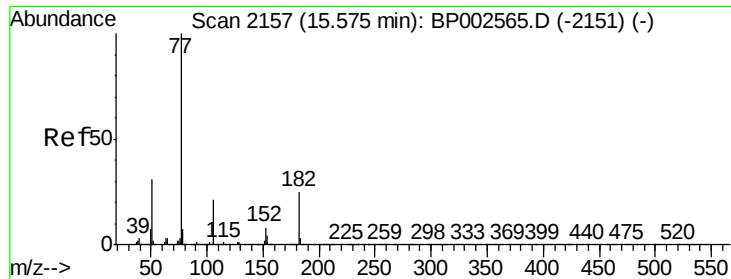
Tot Ion:204 Resp: 628460
Ion Ratio Lower Upper
204 100
206 34.4 26.6 39.8
141 53.2 47.7 71.5



#62
4-Nitroaniline
Concen: 39.268 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion:138 Resp: 316294
Ion Ratio Lower Upper
138 100
92 53.2 33.9 73.9
108 71.3 67.8 107.8

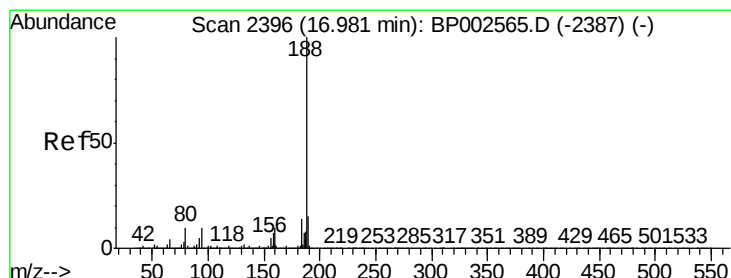
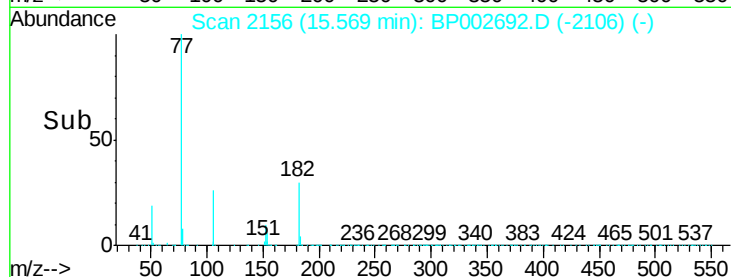
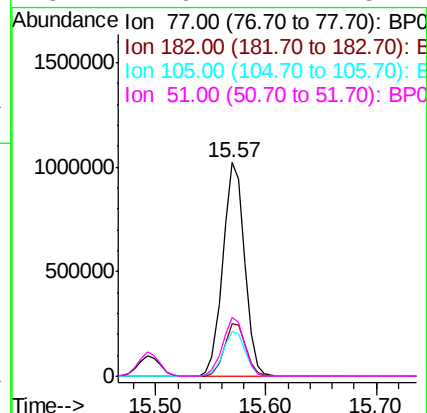
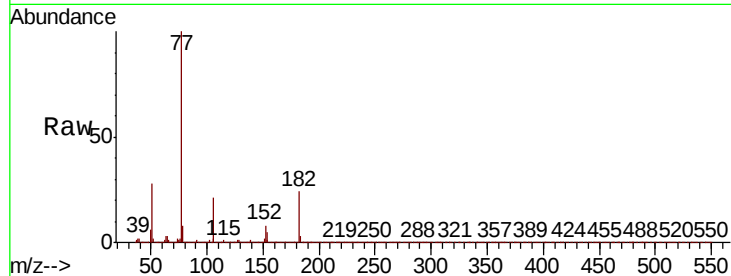




#63
Azobenzene
Concen: 42.505 ng
RT: 15.57 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

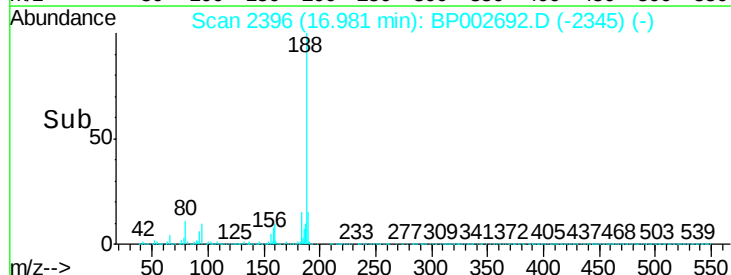
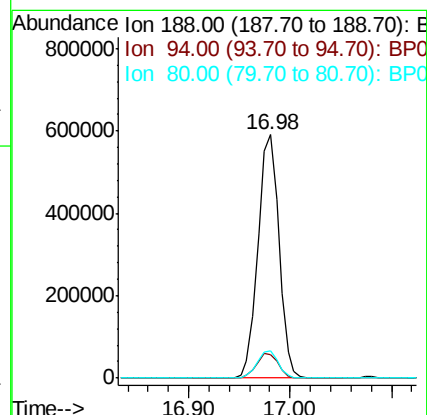
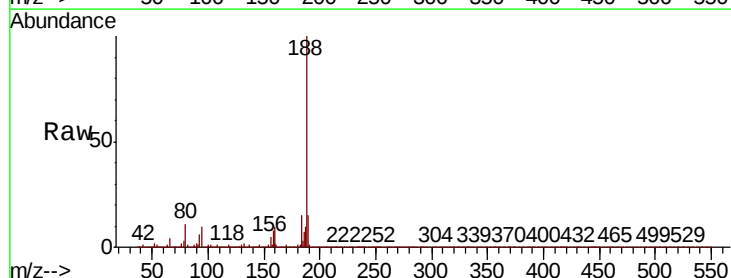
Instrument :
BNA_P
ClientSampleId :
PB130021BS

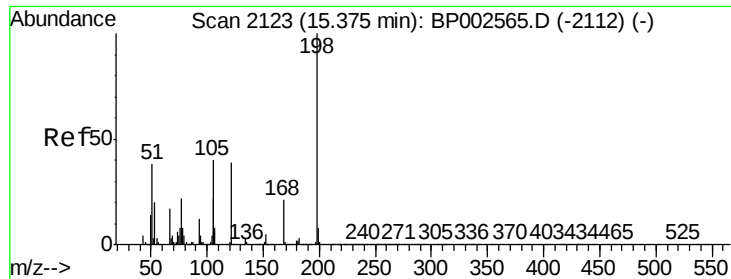
Tot Ion:	77	Resp:	1400551
Ion	Ratio	Lower	Upper
77	100		
182	24.4	4.7	44.7
105	21.0	0.6	40.6
51	27.9	11.2	51.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion:	188	Resp:	854729
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	11.1	8.2	12.4

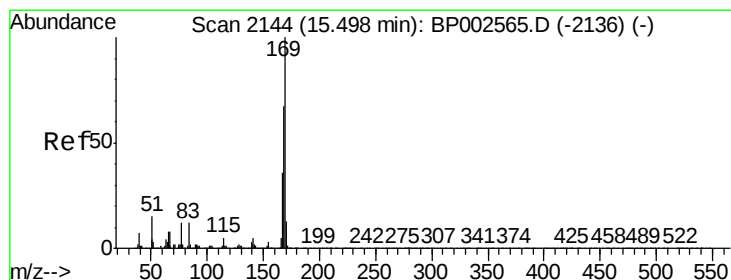
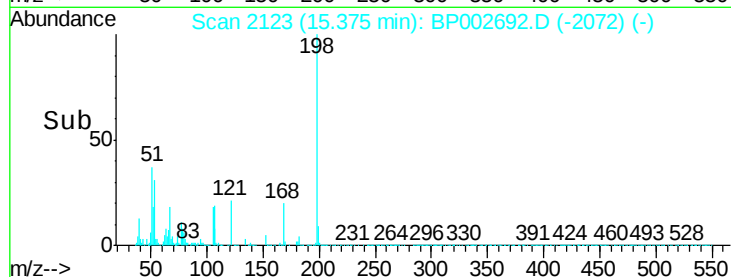
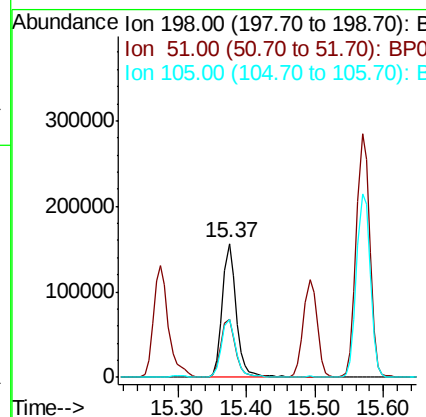
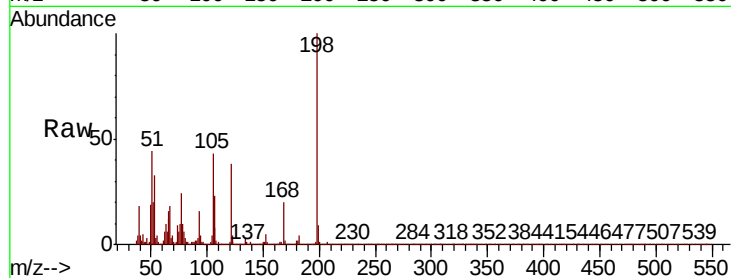




#65
4,6-Dinitro-2-methylphenol
Concen: 40.515 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

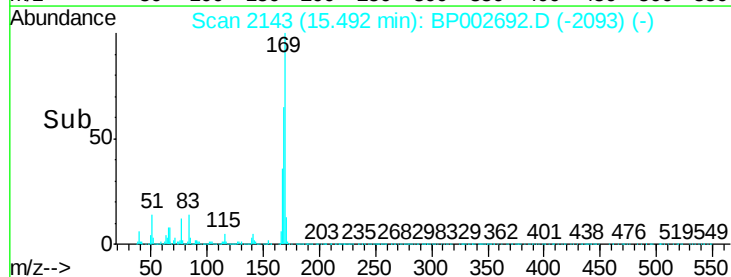
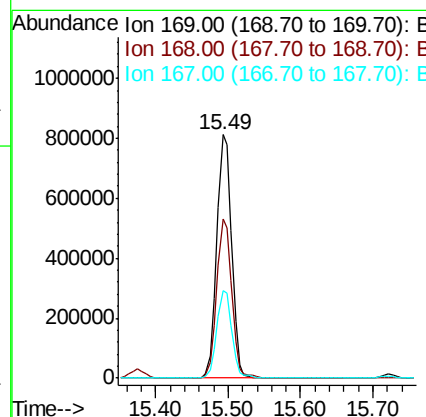
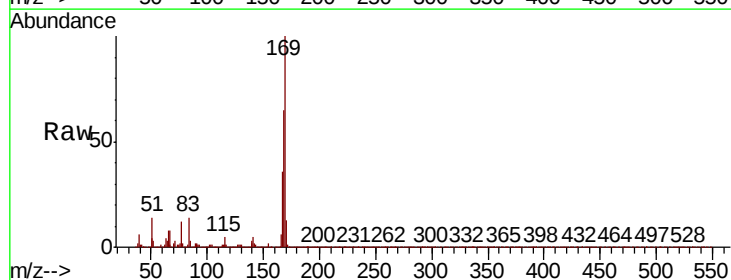
Instrument :
BNA_P
ClientSampleId :
PB130021BS

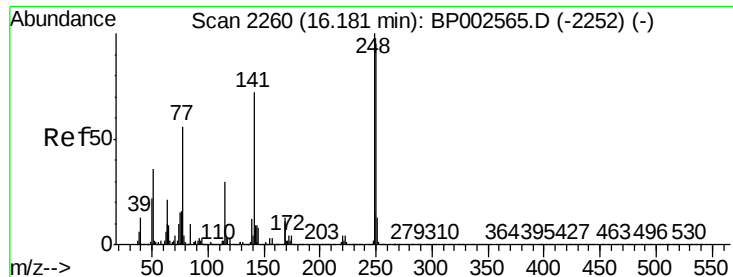
Tot Ion:198 Resp: 220423
Ion Ratio Lower Upper
198 100
51 43.8 24.2 64.2
105 43.5 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 46.248 ng
RT: 15.49 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion:169 Resp: 1153962
Ion Ratio Lower Upper
169 100
168 65.4 53.5 80.3
167 35.8 29.1 43.7

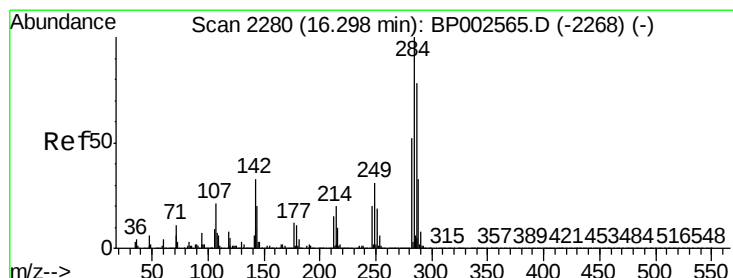
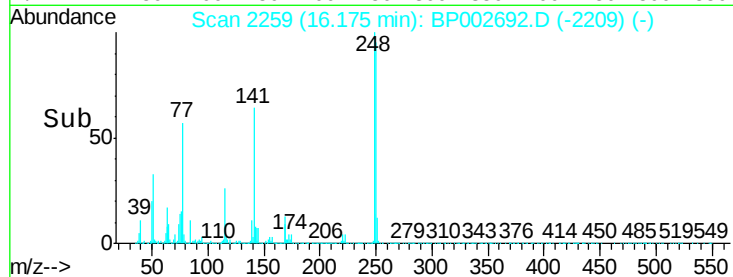
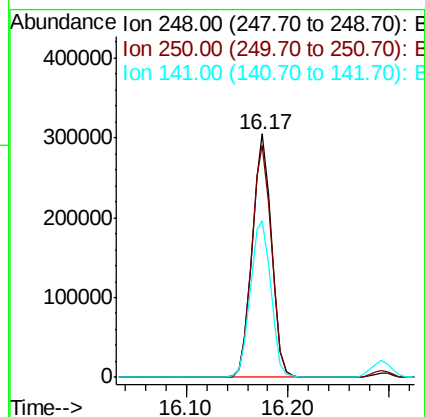
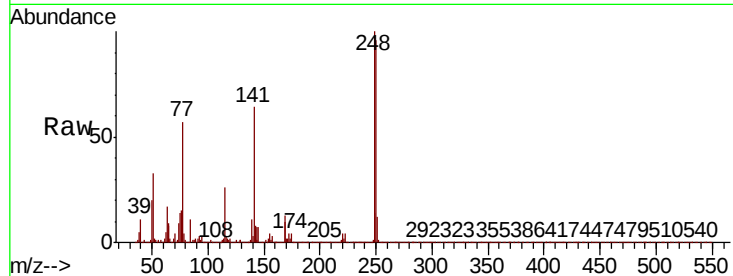




#67
4-Bromophenyl-phenylether
Concen: 41.722 ng
RT: 16.17 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

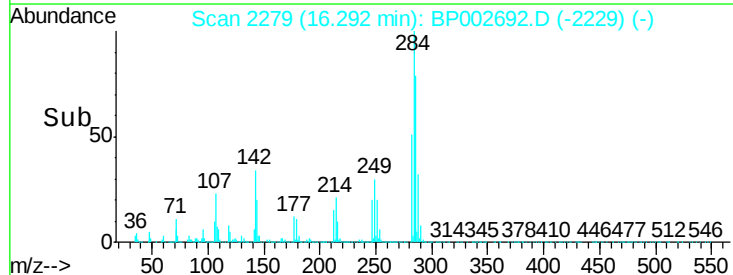
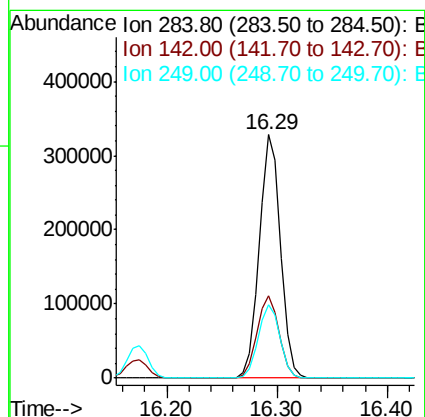
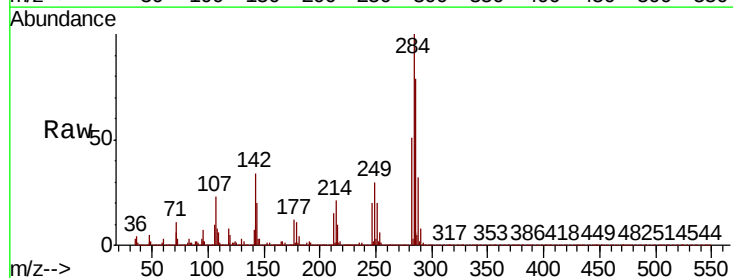
Instrument :
BNA_P
ClientSampleId :
PB130021BS

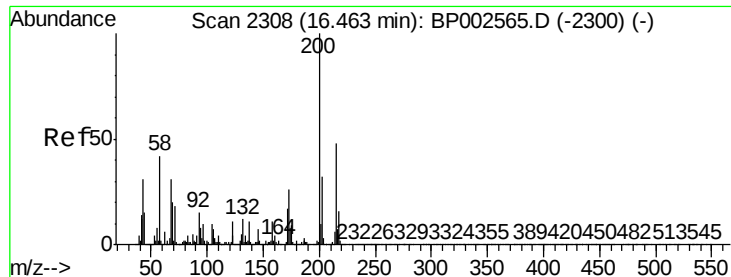
Tot Ion:248 Resp: 400742
Ion Ratio Lower Upper
248 100
250 95.6 76.1 114.1
141 64.3 57.8 86.6



#68
Hexachlorobenzene
Concen: 42.996 ng
RT: 16.29 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion:284 Resp: 442426
Ion Ratio Lower Upper
284 100
142 33.8 26.6 40.0
249 30.4 25.1 37.7





#69

Atrazine

Concen: 45.281 ng

RT: 16.46 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

BNA_P

ClientSampleId :

PB130021BS

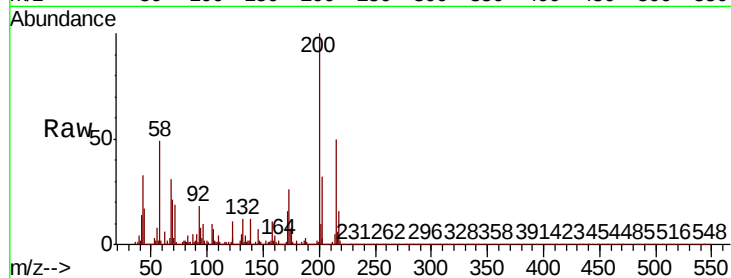
Tot Ion:200 Resp: 362531

Ion Ratio Lower Upper

200 100

173 26.0 6.3 46.3

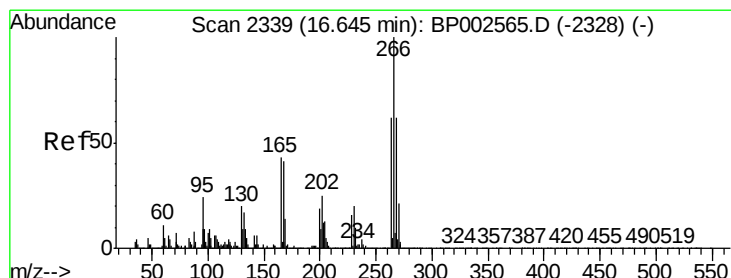
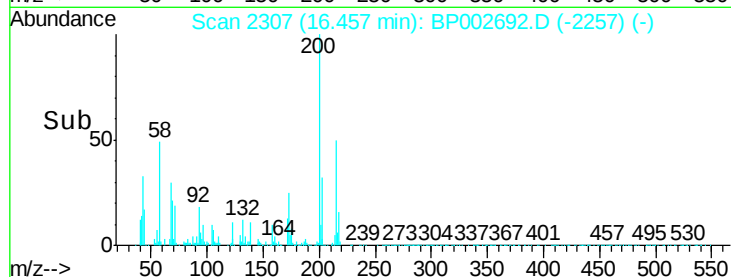
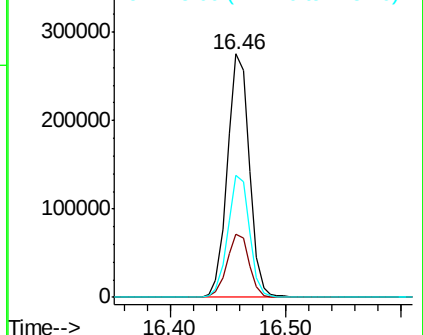
215 50.1 28.3 68.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 73.414 ng

RT: 16.65 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

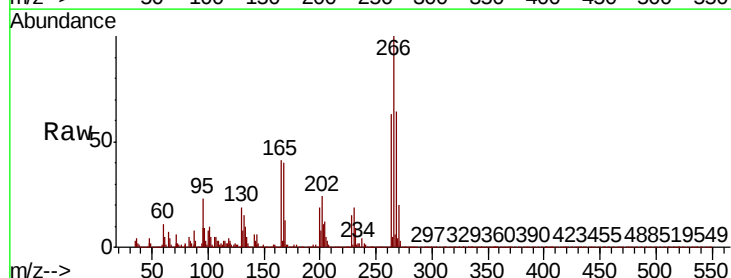
Tgt Ion:266 Resp: 430385

Ion Ratio Lower Upper

266 100

268 64.0 49.7 74.5

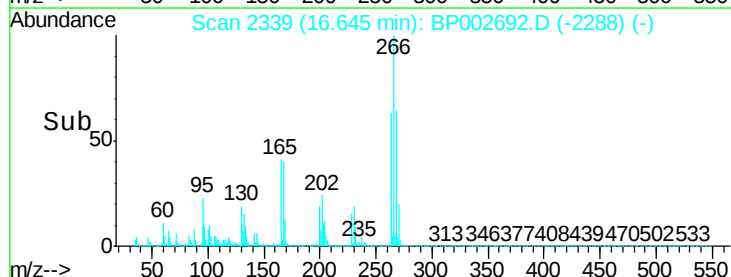
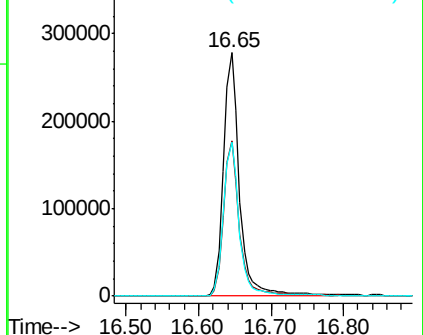
264 63.0 49.3 73.9

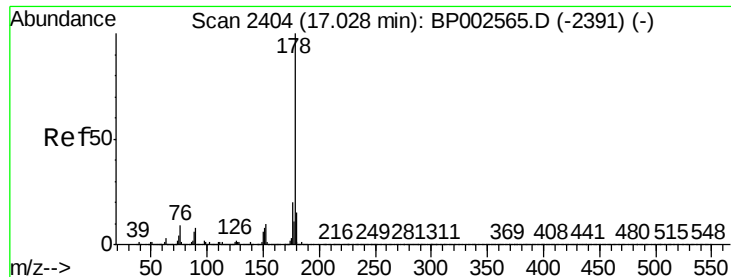


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

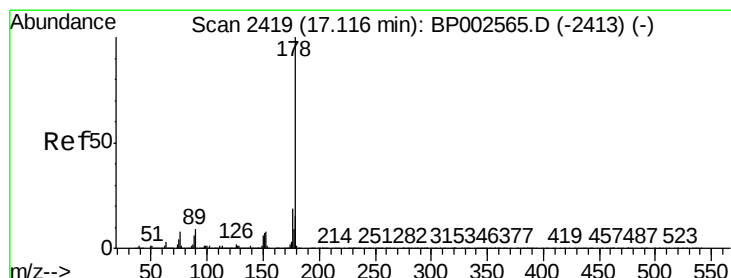
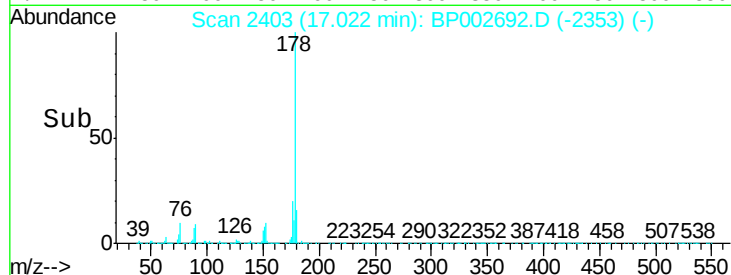
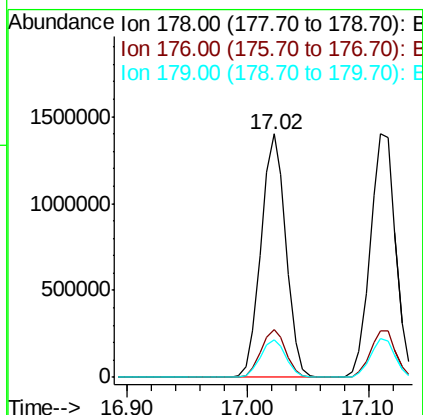
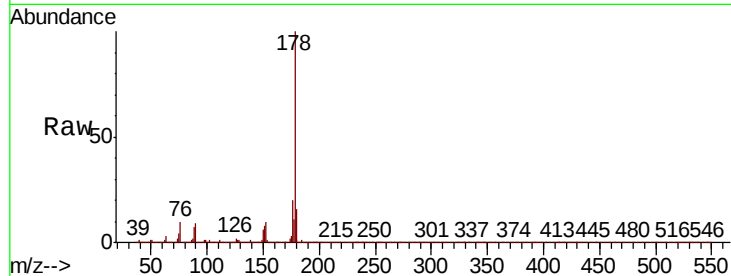




#71
Phenanthrene
Concen: 43.389 ng
RT: 17.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

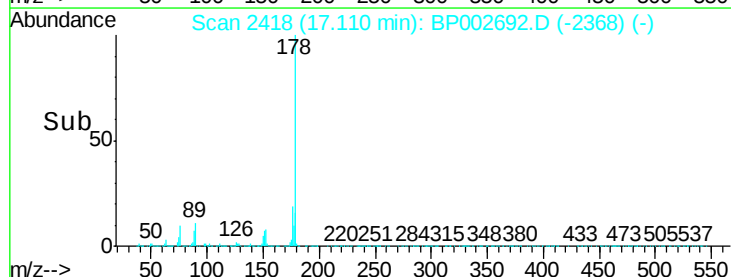
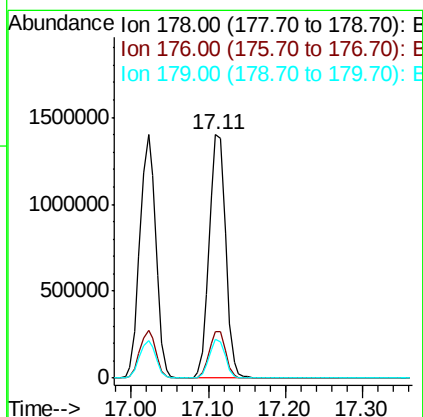
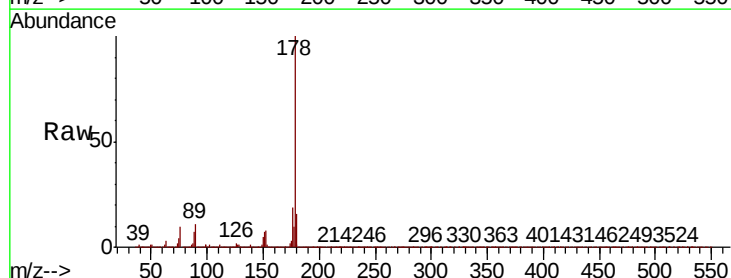
Instrument :
BNA_P
ClientSampleId :
PB130021BS

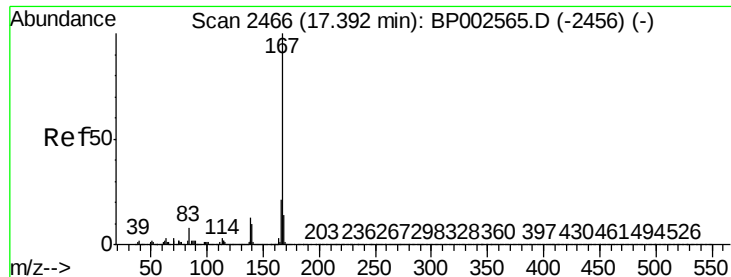
Tot Ion:178 Resp: 1995388
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.6 12.1 18.1



#72
Anthracene
Concen: 44.763 ng
RT: 17.11 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion:178 Resp: 2048466
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 16.2 12.2 18.2

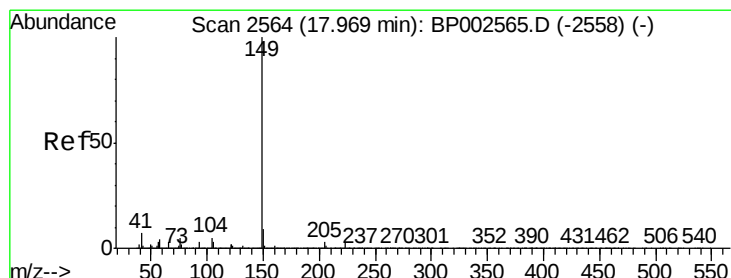
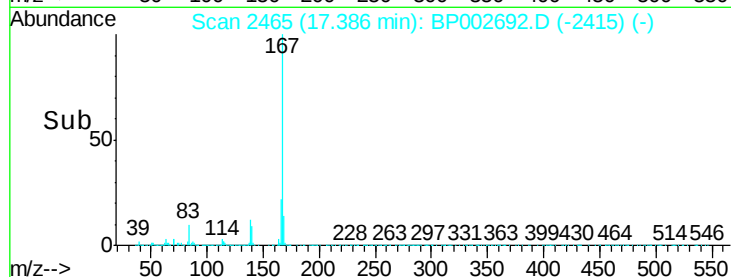
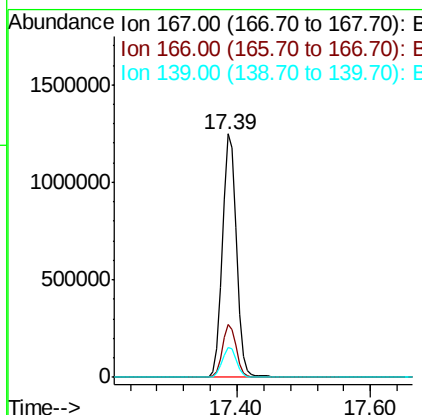
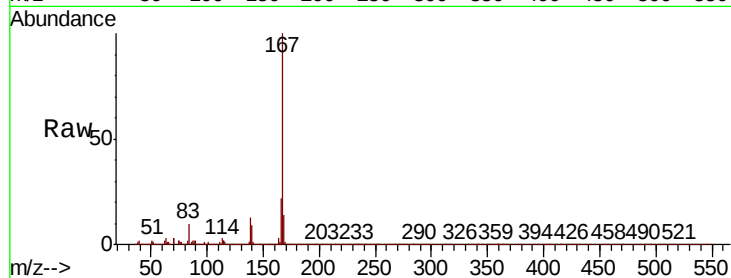




#73
 Carbazole
 Concen: 42.245 ng
 RT: 17.39 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BP002692.D
 Acq: 09 Jul 2020 11:47

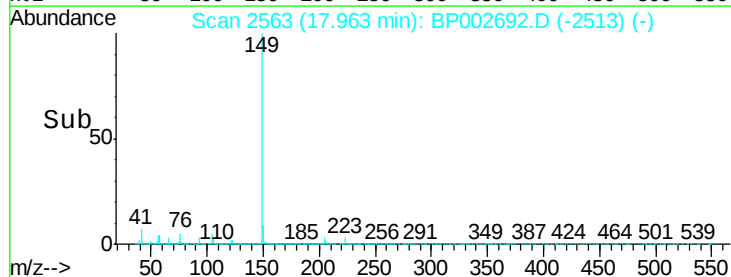
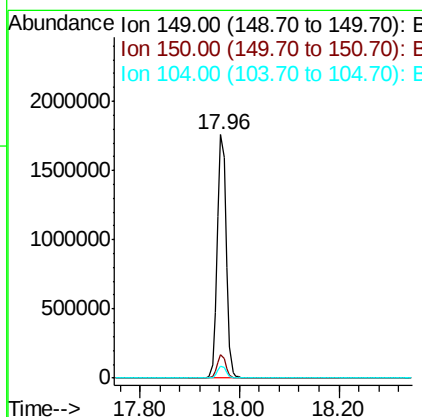
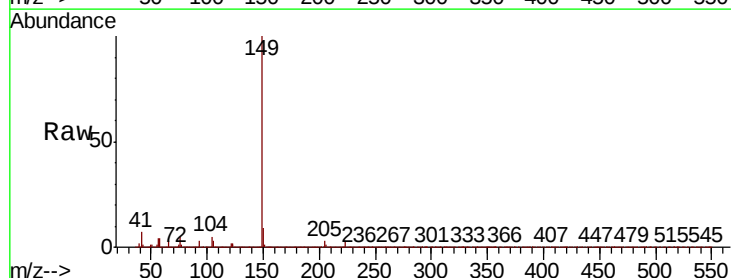
Instrument :
 BNA_P
 ClientSampleId :
 PB130021BS

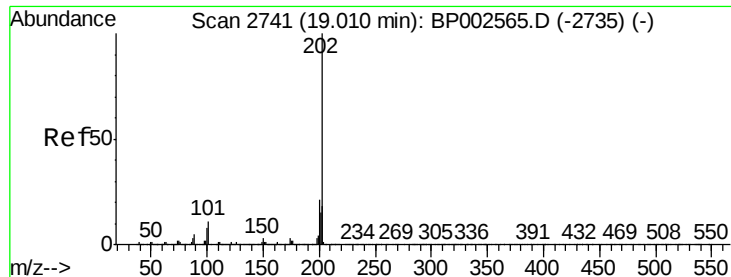
Tot Ion:167 Resp: 1868394
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 12.5 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 42.153 ng
 RT: 17.96 min Scan# 2563
 Delta R.T. -0.01 min
 Lab File: BP002692.D
 Acq: 09 Jul 2020 11:47

Tgt Ion:149 Resp: 2195574
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 4.9 4.2 6.4





#75

Fluoranthene

Concen: 41.106 ng

RT: 19.01 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

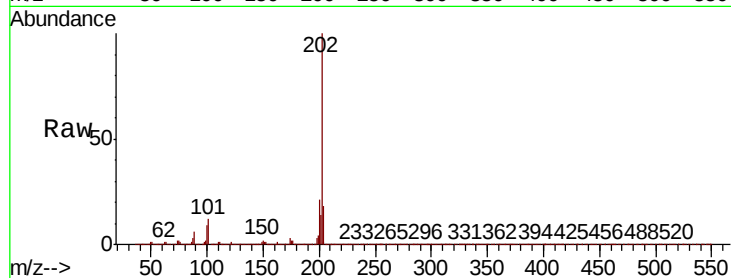
BNA_P

ClientSampleId :

PB130021BS

Tot Ion:202 Resp: 2288192

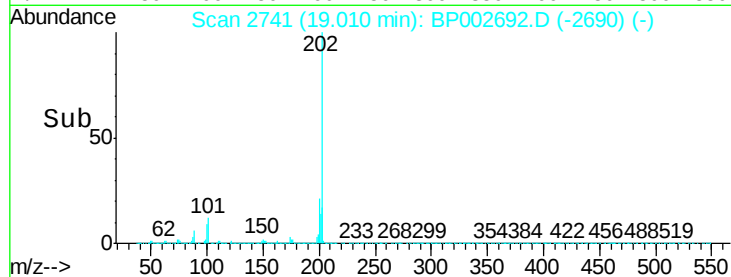
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.6
203	17.5	0.0	37.7



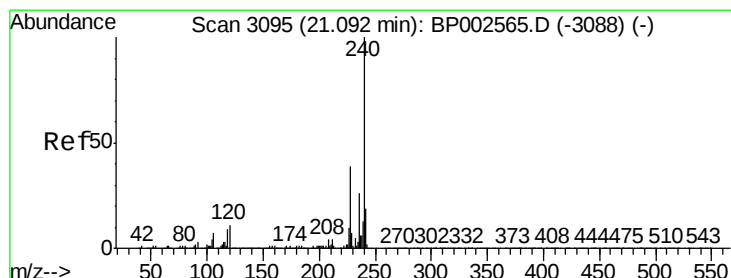
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 18.90 19.00 19.10



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

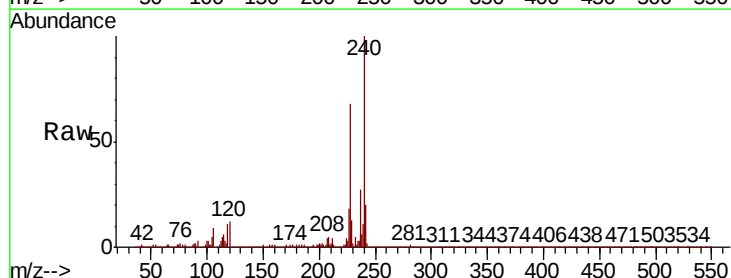
Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Tgt Ion:240 Resp: 739767

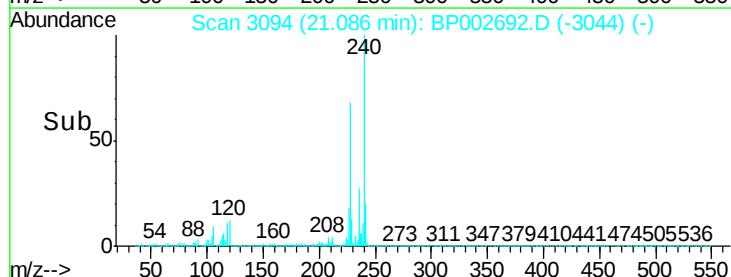
Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.6	13.0
236	26.7	20.8	31.2



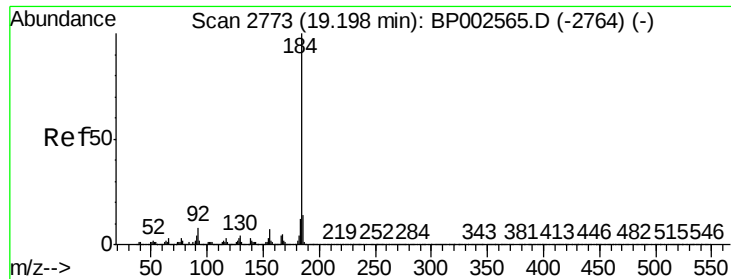
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.00 21.10 21.20



#77

Benzidine

Concen: 59.418 ng

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

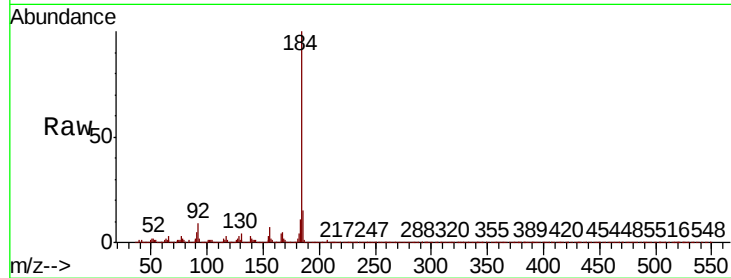
BNA_P

ClientSampleId :

PB130021BS

Tot Ion:184 Resp: 1028365

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.4	17.2
183	11.3	9.2	13.8

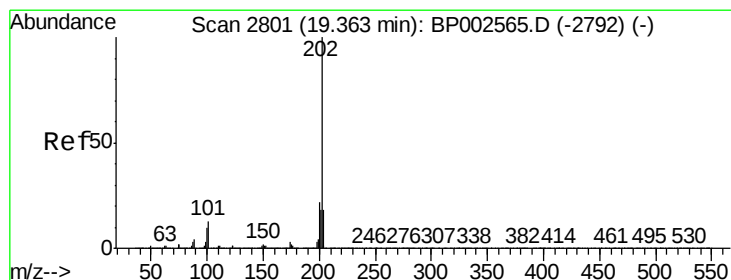
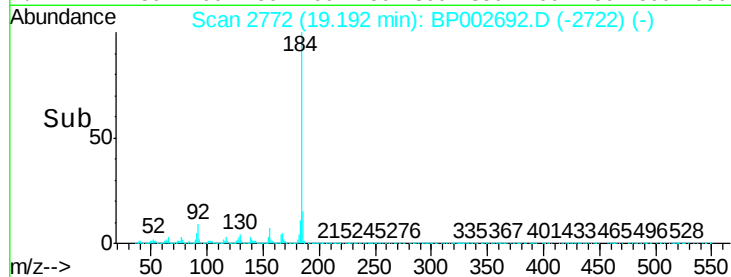
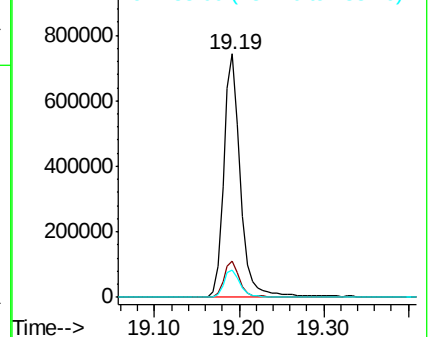


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.904 ng

RT: 19.36 min Scan# 2800

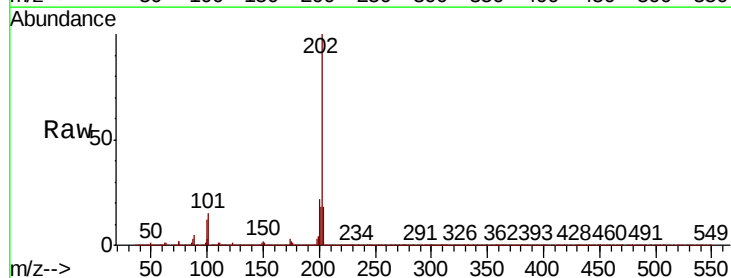
Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Tgt Ion:202 Resp: 2311420

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	18.4	14.4	21.6

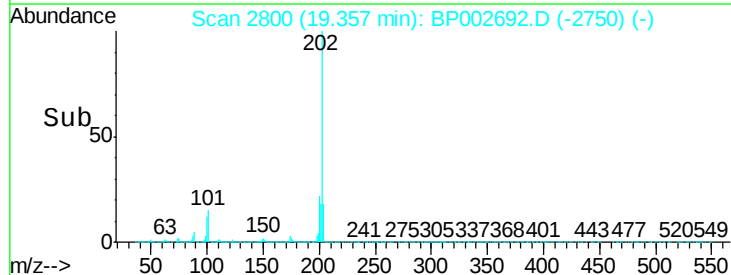
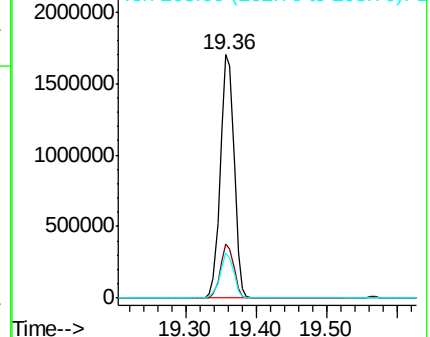


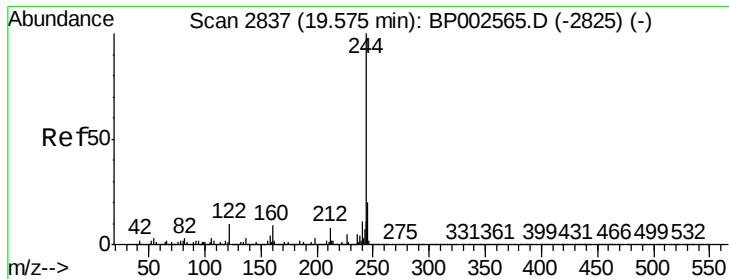
Abundance

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: 89.363 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

BNA_P

ClientSampleId :

PB130021BS

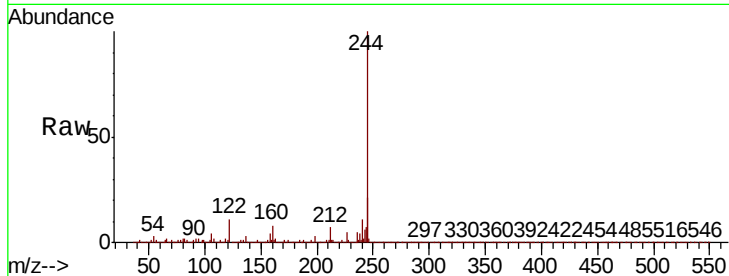
Tot Ion:244 Resp: 3062693

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

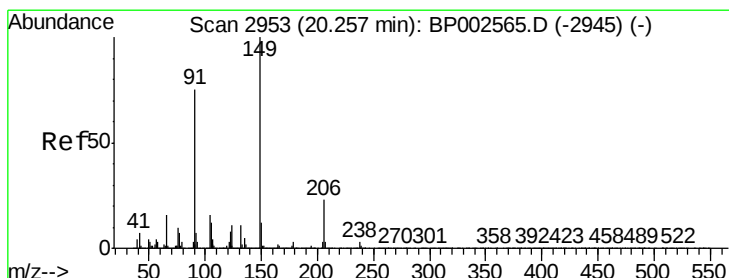
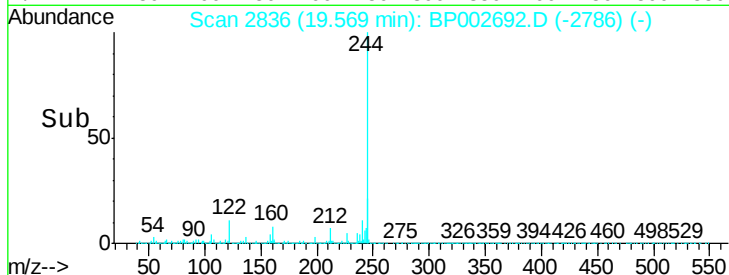
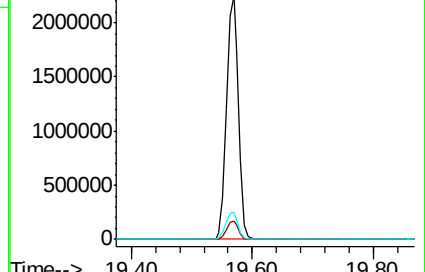
122 11.0 7.9 11.9



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: 43.703 ng

RT: 20.25 min Scan# 2952

Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

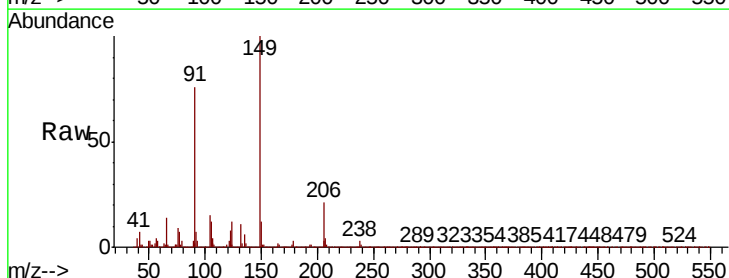
Tgt Ion:149 Resp: 960711

Ion Ratio Lower Upper

149 100

91 75.5 59.8 89.6

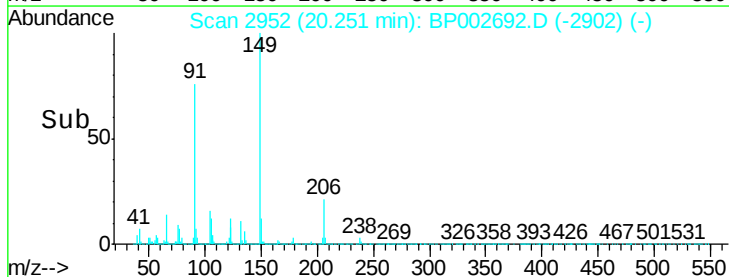
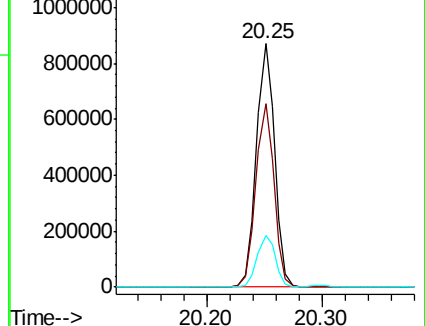
206 21.4 18.2 27.4

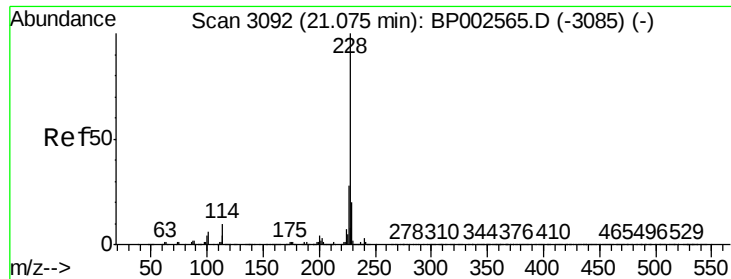


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.170 ng

RT: 21.07 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

BNA_P

ClientSampleId :

PB130021BS

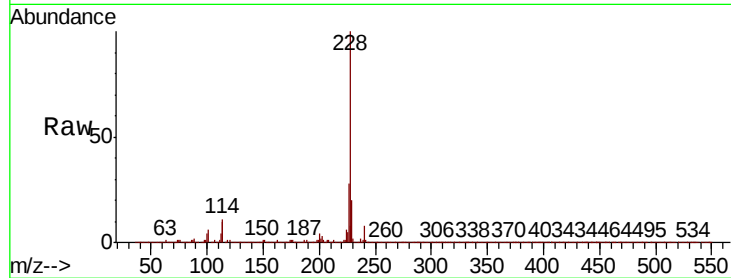
Tot Ion:228 Resp: 2087848

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

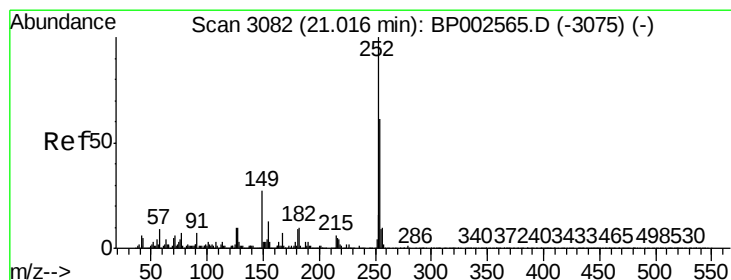
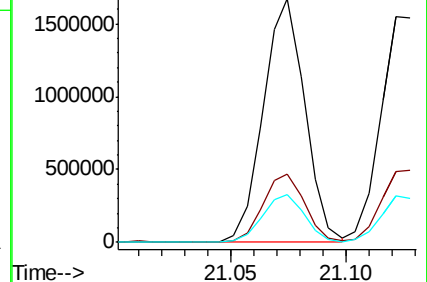
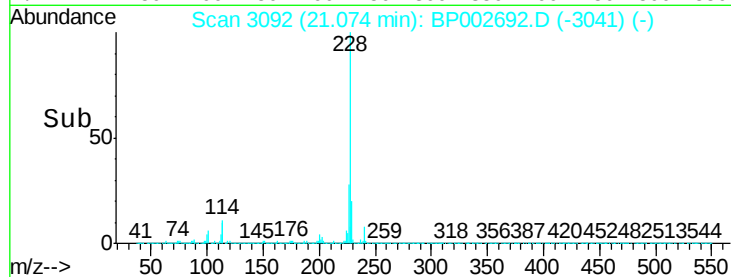
229 19.6 16.4 24.6



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: 34.634 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

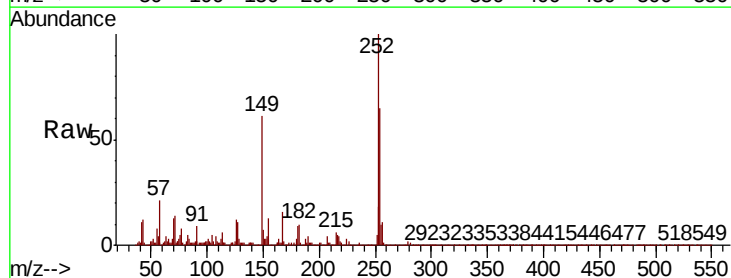
Tgt Ion:252 Resp: 613244

Ion Ratio Lower Upper

252 100

254 65.1 49.0 73.6

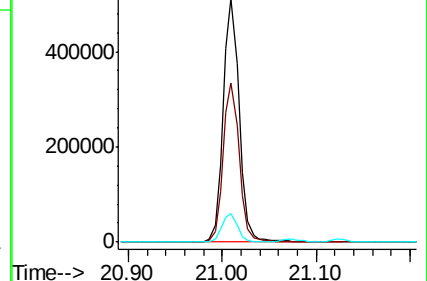
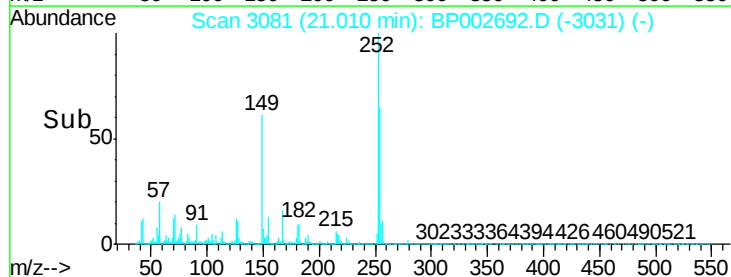
126 11.5 7.9 11.9

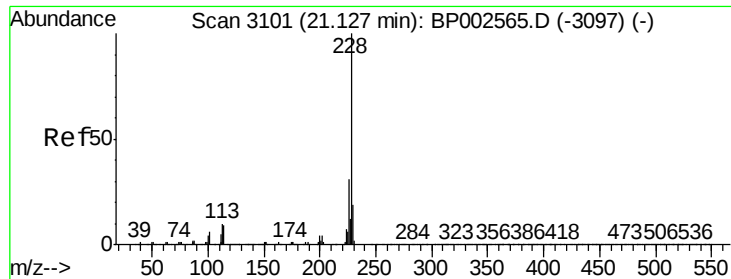


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.923 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

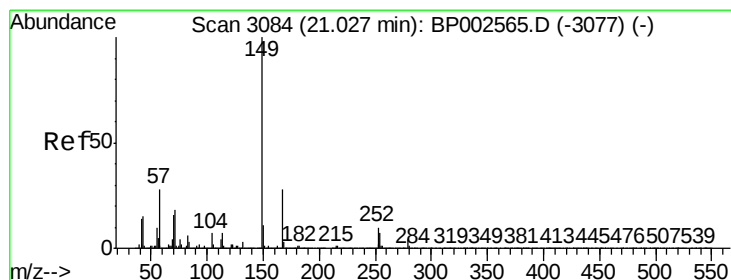
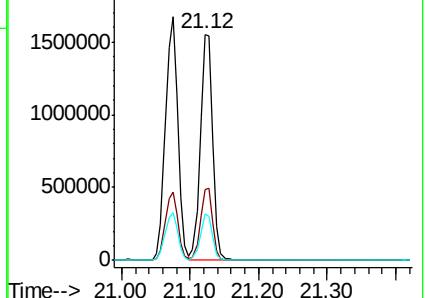
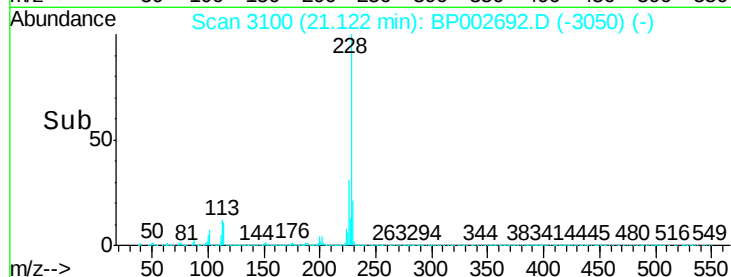
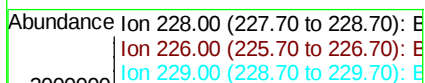
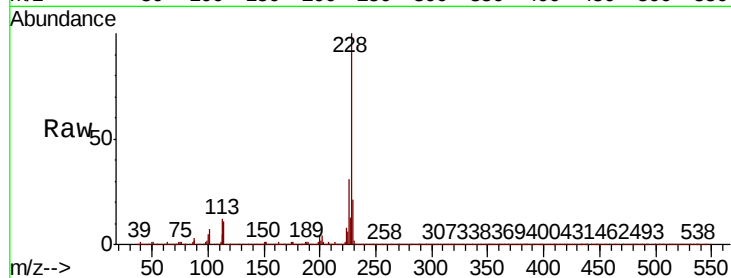
BNA_P

ClientSampleId :

PB130021BS

Tot Ion:228 Resp: 1990617

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	37.0
229	20.8	15.6	23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.619 ng

RT: 21.02 min Scan# 3083

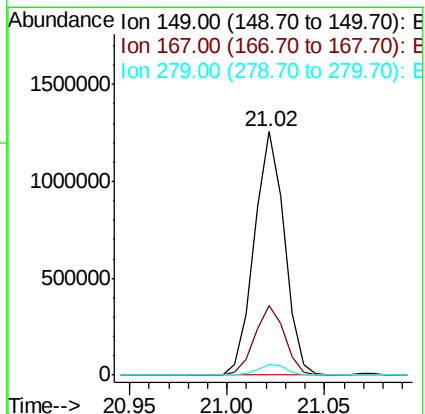
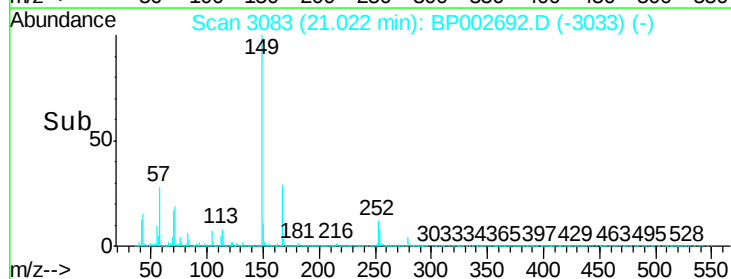
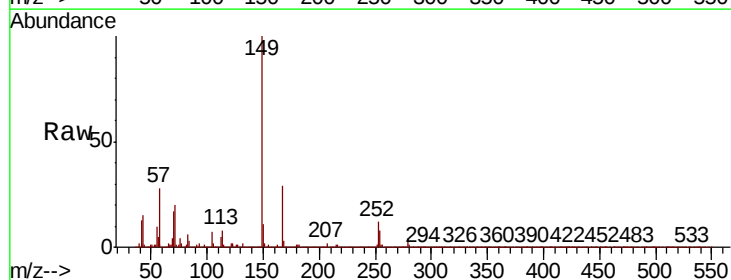
Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Tgt Ion:149 Resp: 1345336

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.1	33.1
279	4.5	3.4	5.0

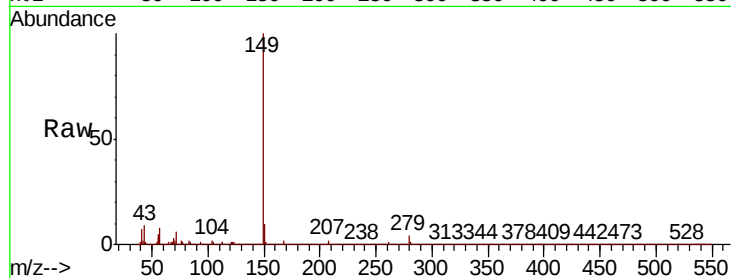




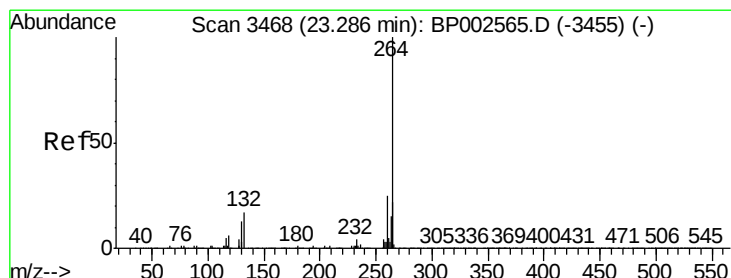
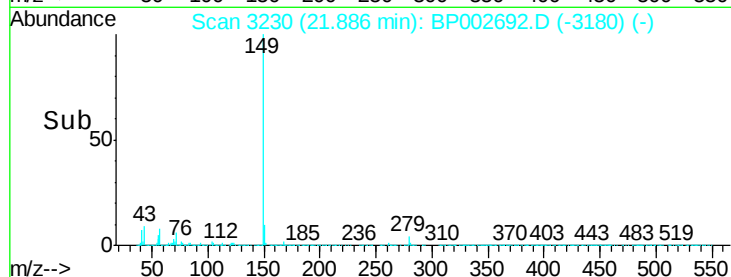
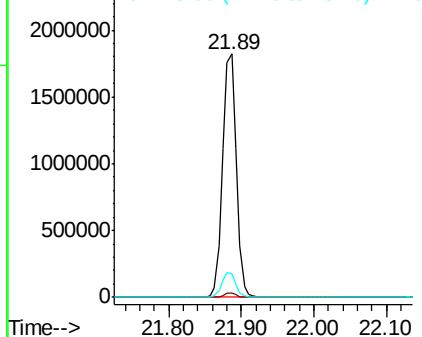
#85
Di-n-octyl phthalate
Concen: 42.952 ng
RT: 21.89 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Instrument :
BNA_P
ClientSampleId :
PB130021BS

Tot Ion:149 Resp: 2394758
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 7.6 11.4

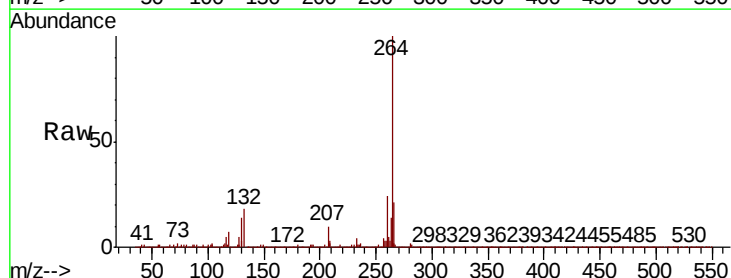


Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BP0

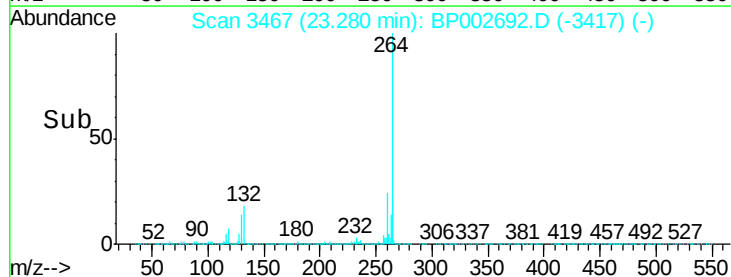
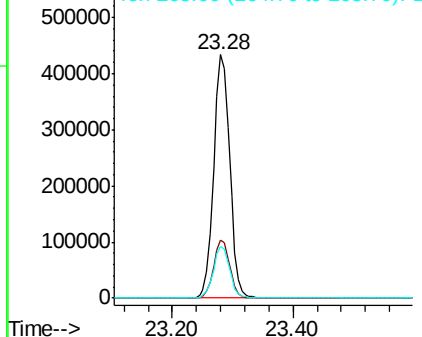


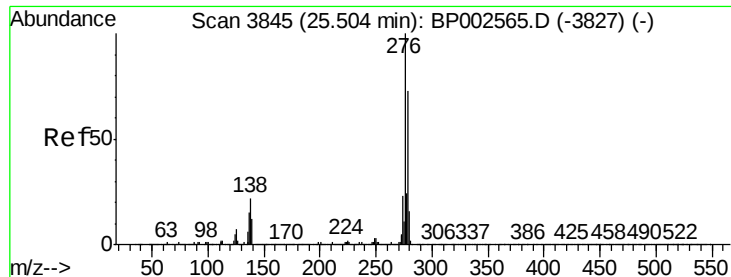
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion:264 Resp: 795616
Ion Ratio Lower Upper
264 100
260 23.9 19.7 29.5
265 21.2 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
600000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.259 ng

RT: 25.50 min Scan# 3845

Delta R.T. -0.00 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

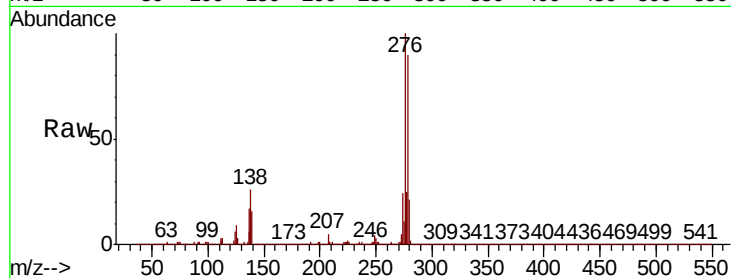
BNA_P

ClientSampleId :

PB130021BS

Tot Ion:276 Resp: 2764549

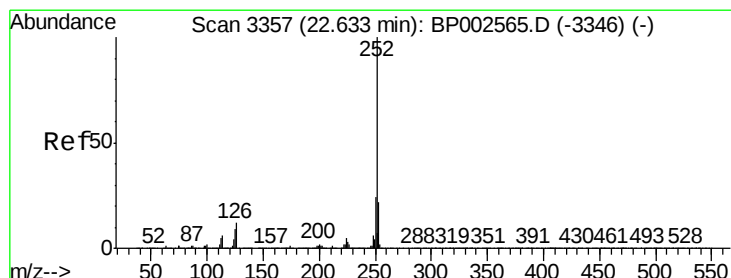
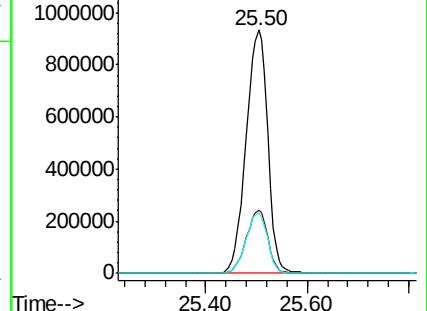
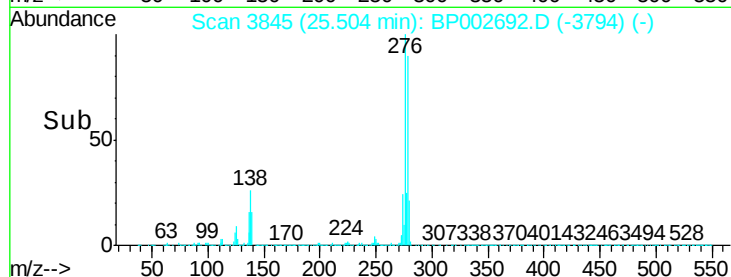
Ion	Ratio	Lower	Upper
276	100		
138	25.9	18.6	27.8
277	24.9	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 44.478 ng

RT: 22.63 min Scan# 3356

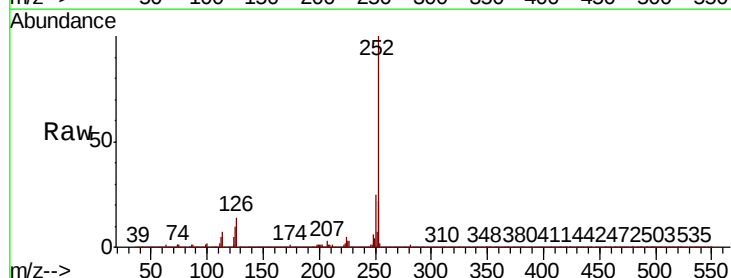
Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Tgt Ion:252 Resp: 2258054

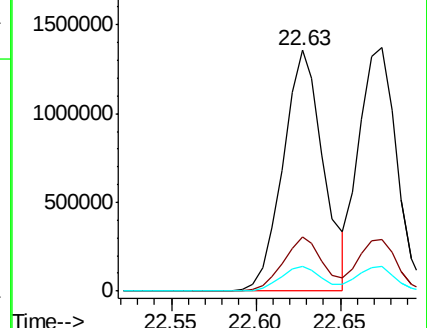
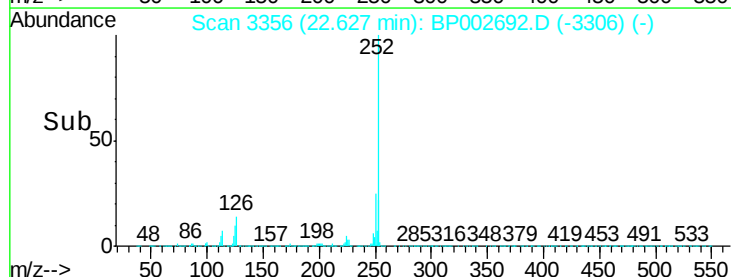
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.1	7.4	11.2

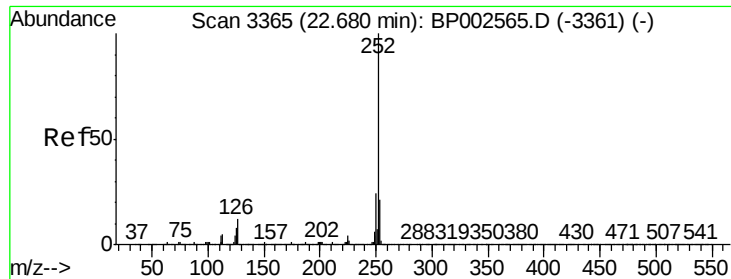


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

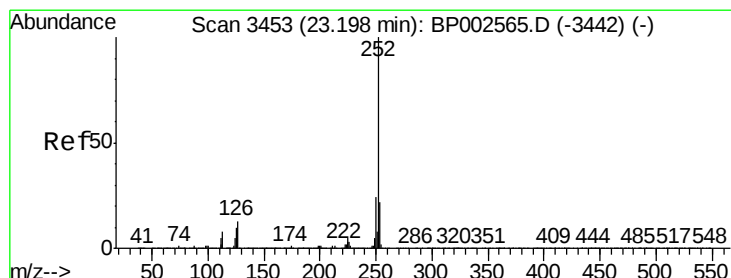
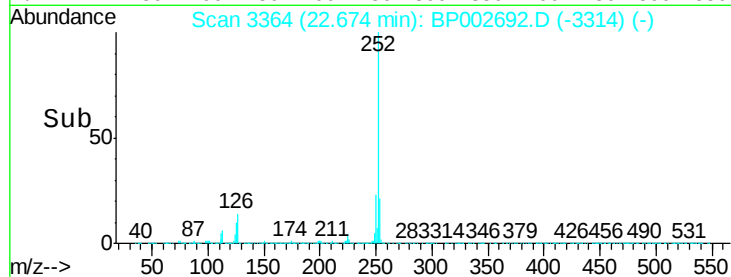
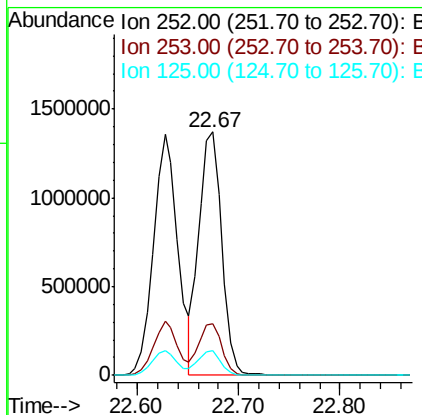
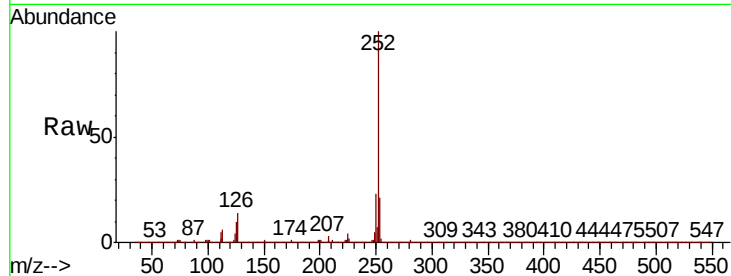




#89
Benzo(k)fluoranthene
Concen: 44.997 ng
RT: 22.67 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

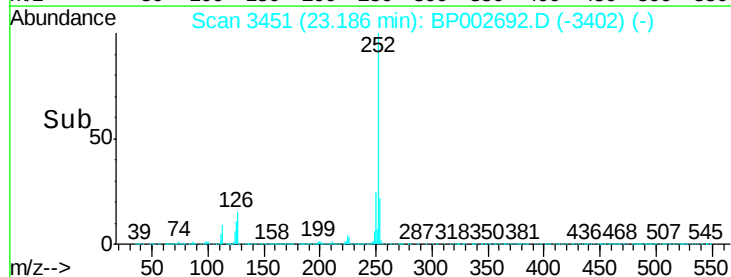
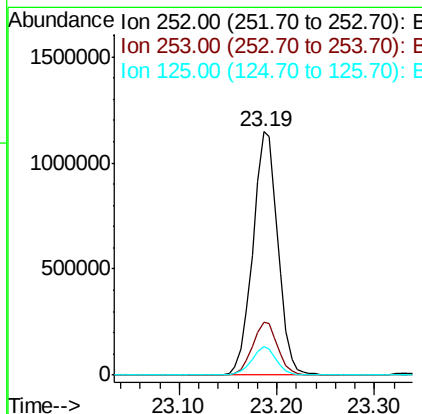
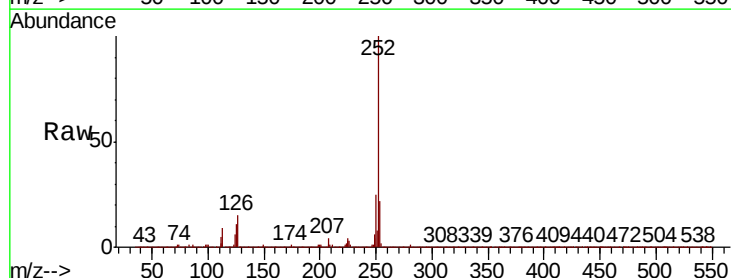
Instrument :
BNA_P
ClientSampleId :
PB130021BS

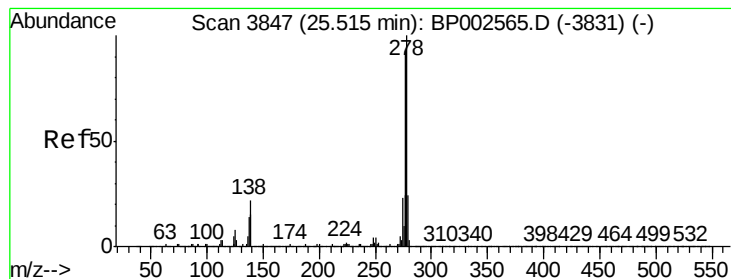
Tot Ion:252 Resp: 2131099
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 9.9 6.9 10.3



#90
Benzo(a)pyrene
Concen: 44.597 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002692.D
Acq: 09 Jul 2020 11:47

Tgt Ion:252 Resp: 2077657
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 11.5 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 48.813 ng

RT: 25.51 min Scan# 3846

Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Instrument :

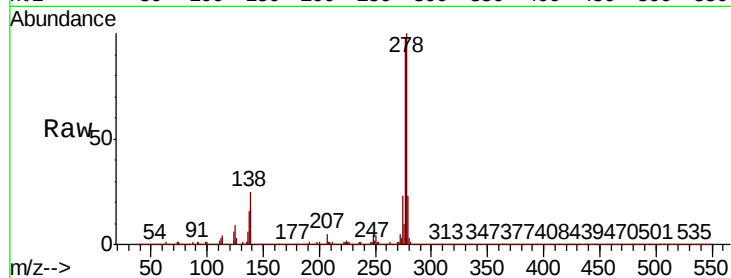
BNA_P

ClientSampleId :

PB130021BS

Tot Ion:278 Resp: 2284952

Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.2	18.2
279	23.2	19.0	28.6

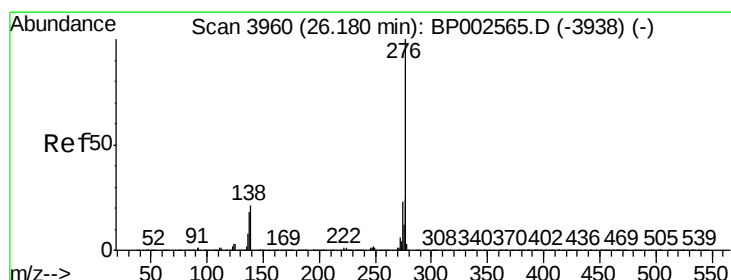
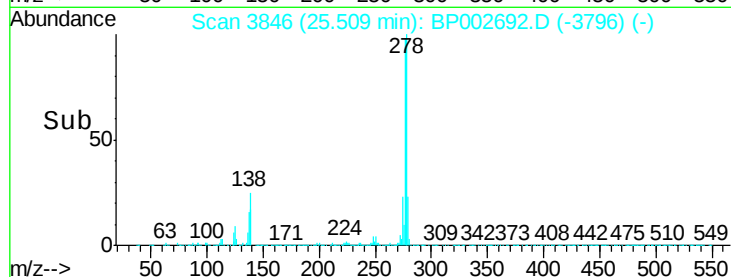
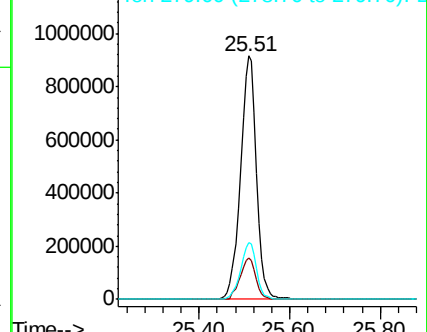


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.971 ng

RT: 26.17 min Scan# 3959

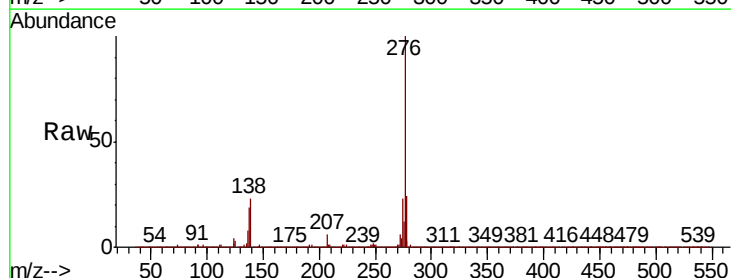
Delta R.T. -0.01 min

Lab File: BP002692.D

Acq: 09 Jul 2020 11:47

Tgt Ion:276 Resp: 2292581

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	23.5	16.9	25.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

