

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002605.D
 Acq On : 01 Jul 2020 15:35
 Operator : CG/JU
 Sample : PB129897BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129897BSD

Quant Time: Jul 01 16:56:00 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	256245	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1013811	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	586899	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1177659	20.00	ng	0.00
76) Chrysene-d12	21.09	240	906340	20.00	ng	0.00
86) Perylene-d12	23.29	264	789221	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	2064391	136.40	ng	0.00
7) Phenol-d6	6.77	99	2678376	126.79	ng	0.00
23) Nitrobenzene-d5	8.72	82	1700336	86.42	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	757939	106.18	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	3182243	79.80	ng	0.00
79) Terphenyl-d14	19.57	244	3837284	91.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	259029	39.933	ng	99
3) Pyridine	3.52	79	766521	39.871	ng	99
4) n-Nitrosodimethylamine	3.44	42	355966	43.620	ng	89
6) Aniline	6.90	93	1110348	41.842	ng	98
8) 2-Chlorophenol	7.15	128	815632	48.515	ng	98
9) Benzaldehyde	6.72	77	329111	27.852	ng	98
10) Phenol	6.80	94	1066016	50.042	ng	94
11) bis(2-Chloroethyl)ether	7.00	93	820847	46.948	ng	97
12) 1,3-Dichlorobenzene	7.46	146	854090	44.026	ng	99
13) 1,4-Dichlorobenzene	7.60	146	862417	43.636	ng	99
14) 1,2-Dichlorobenzene	7.92	146	811606	42.661	ng	99
15) Benzyl Alcohol	7.82	79	698034	43.977	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.11	45	1139052	46.759	ng	99
17) 2-Methylphenol	8.03	107	692424	43.426	ng	96
18) Hexachloroethane	8.64	117	313622	43.967	ng	98
19) n-Nitroso-di-n-propylamine	8.38	70	582943	42.060	ng	97
20) 3+4-Methylphenols	8.36	107	913265	42.484	ng	99
22) Acetophenone	8.39	105	1102269	42.956	ng	98
24) Nitrobenzene	8.76	77	914637	43.917	ng	100
25) Isophorone	9.29	82	1681272	42.633	ng	99
26) 2-Nitrophenol	9.46	139	444552	46.803	ng	98
27) 2,4-Dimethylphenol	9.55	122	714115	49.617	ng	97
28) bis(2-Chloroethoxy)methane	9.77	93	1068081	47.149	ng	99
29) 2,4-Dichlorophenol	10.00	162	762716	45.982	ng	97
30) 1,2,4-Trichlorobenzene	10.21	180	791094	42.363	ng	97
31) Naphthalene	10.39	128	2320456	43.237	ng	99
32) Benzoic acid	9.73	122	341200	33.412	ng	98
33) 4-Chloroaniline	10.50	127	505023	21.513	ng	100
34) Hexachlorobutadiene	10.69	225	455889	39.885	ng	97
35) Caprolactam	11.28	113	136589	24.497	ng	93
36) 4-Chloro-3-methylphenol	11.66	107	797999	43.894	ng	98
37) 2-Methylnaphthalene	12.02	142	1666333	42.583	ng	98
38) 1-Methylnaphthalene	12.24	142	1563294	42.418	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	776823	42.389	ng	99

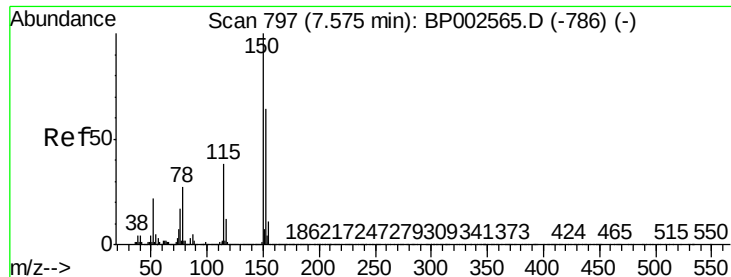
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 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	908166	94.115	ng	99
43) 2,4,6-Trichlorophenol	12.65	196	560817	45.228	ng	99
44) 2,4,5-Trichlorophenol	12.72	196	605239	42.401	ng	98
46) 1,1'-Biphenyl	13.05	154	1944210	43.794	ng	99
47) 2-Chloronaphthalene	13.09	162	1546930	42.806	ng	97
48) 2-Nitroaniline	13.29	65	514708	44.645	ng	98
49) Acenaphthylene	13.94	152	2458002	43.218	ng	99
50) Dimethylphthalate	13.69	163	1905881	41.346	ng	99
51) 2,6-Dinitrotoluene	13.80	165	434785	43.673	ng	98
52) Acenaphthene	14.29	154	1438436	42.867	ng	99
53) 3-Nitroaniline	14.13	138	282689	26.078	ng	99
54) 2,4-Dinitrophenol	14.35	184	489429	78.949	ng	93
55) Dibenzofuran	14.63	168	2272748	41.794	ng	99
56) 4-Nitrophenol	14.47	139	698328	81.558	ng	94
57) 2,4-Dinitrotoluene	14.60	165	579281	43.255	ng	99
58) Fluorene	15.28	166	1614672	38.987	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	513991	44.575	ng	98
60) Diethylphthalate	15.07	149	1842582	40.198	ng	99
61) 4-Chlorophenyl-phenylether	15.28	204	824642	37.129	ng	97
62) 4-Nitroaniline	15.30	138	433278	39.991	ng	92
63) Azobenzene	15.57	77	1955076	44.112	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	345926	45.771	ng	98
66) n-Nitrosodiphenylamine	15.50	169	1564664	45.513	ng	100
67) 4-Bromophenyl-phenylether	16.18	248	570801	43.132	ng	96
68) Hexachlorobenzene	16.30	284	618162	43.601	ng	99
69) Atrazine	16.46	200	514049	46.600	ng	99
70) Pentachlorophenol	16.65	266	689839	84.969	ng	98
71) Phenanthrene	17.03	178	2717631	42.890	ng	98
72) Anthracene	17.12	178	2785177	44.172	ng	98
73) Carbazole	17.39	167	2526117	41.455	ng	100
74) Di-n-butylphthalate	17.97	149	3050847	42.512	ng	99
75) Fluoranthene	19.01	202	3149787	41.068	ng	98
77) Benzidine	19.19	184	1548231	Below Cal		100
78) Pyrene	19.36	202	3110988	50.428	ng	99
80) Butylbenzylphthalate	20.26	149	1280486	47.544	ng	99
81) Benzo(a)anthracene	21.07	228	2638280	44.525	ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	718409	33.117	ng	95
83) Chrysene	21.13	228	2517314	44.304	ng	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	1798530	46.505	ng	99
85) Di-n-octyl phthalate	21.89	149	2925202	42.824	ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	2595549	45.676	ng	98
88) Benzo(b)fluoranthene	22.63	252	2490516	49.455	ng	99
89) Benzo(k)fluoranthene	22.67	252	2482180	52.835	ng	98
90) Benzo(a)pyrene	23.19	252	2231216	48.281	ng	98
91) Dibenzo(a,h)anthracene	25.51	278	2142762	46.146	ng	99
92) Benzo(g,h,i)perylene	26.17	276	2144917	46.188	ng	98

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

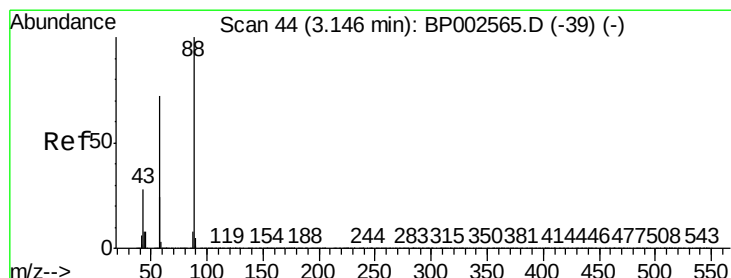
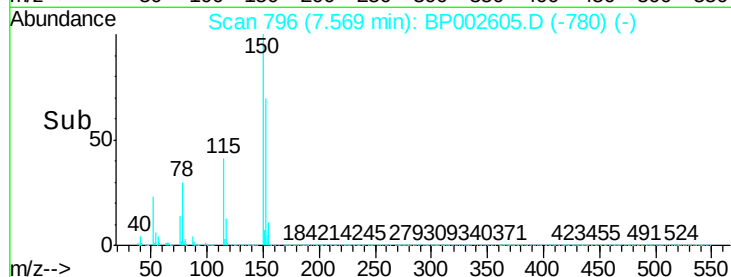
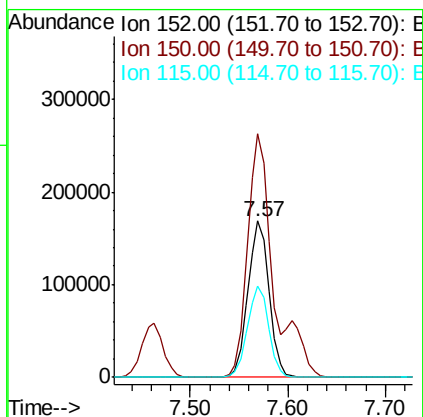
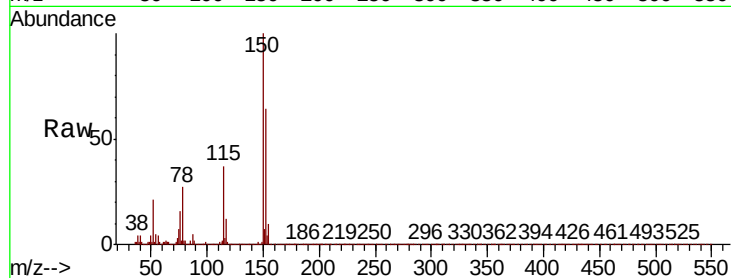


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Instrument :
BNA_P
ClientSampleId :
PB129897BSD

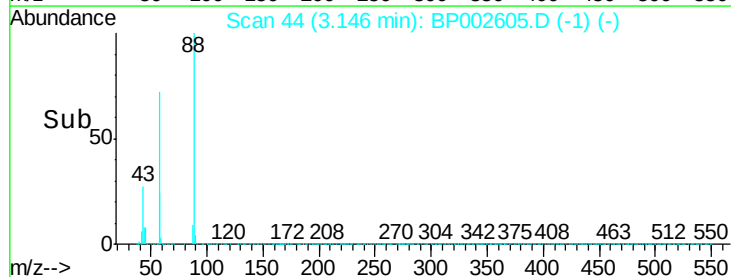
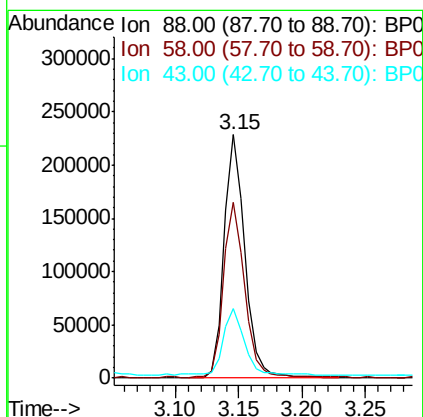
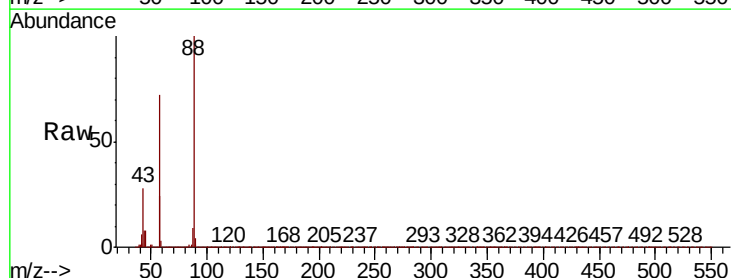
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.2	186.2
115	58.2	47.1	70.7

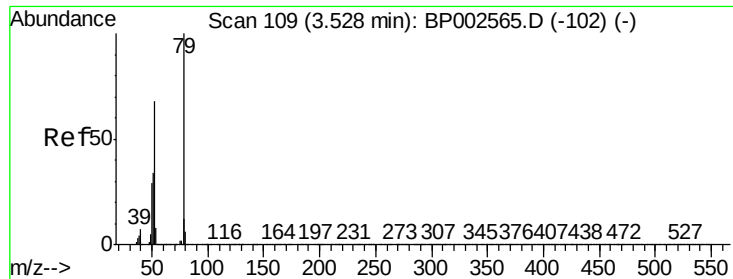


#2

1,4-Dioxane
Concen: 39.933 ng
RT: 3.15 min Scan# 44
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	58.1	87.1
43	27.9	23.2	34.8

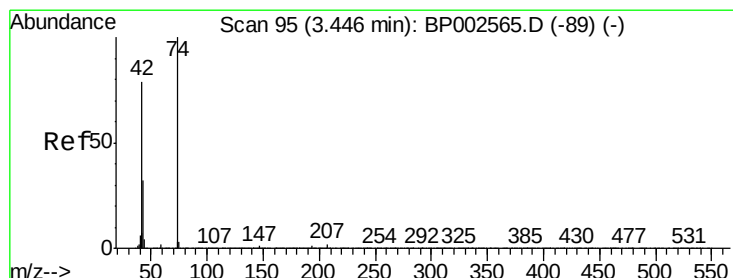
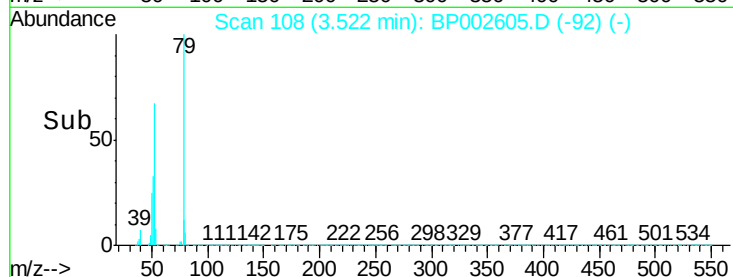
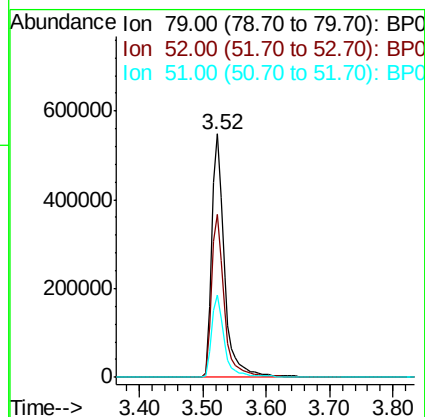
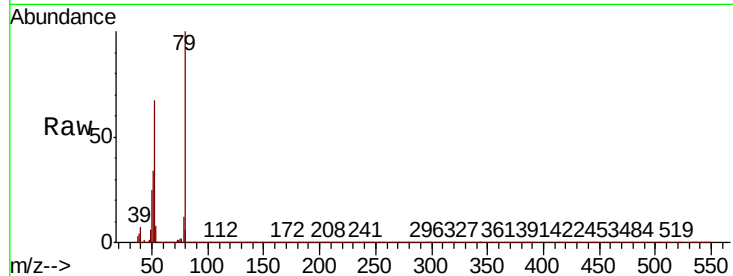




#3
 Pvridine
 Concen: 39.871 ng
 RT: 3.52 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BP002605.D
 Acq: 01 Jul 2020 15:35

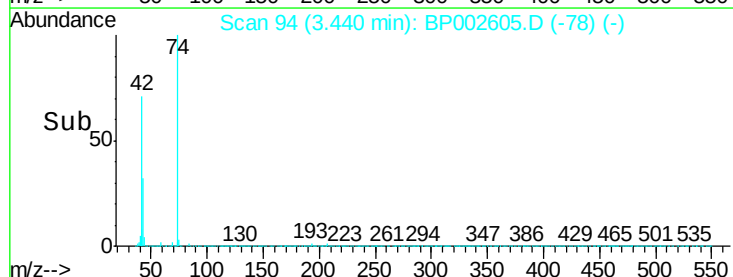
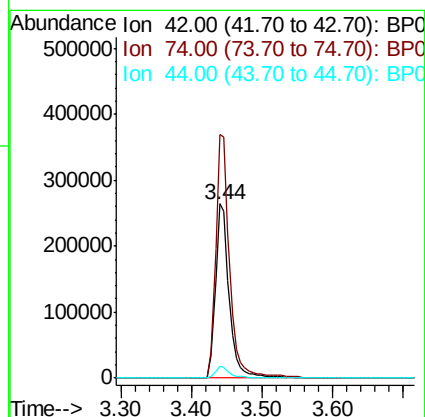
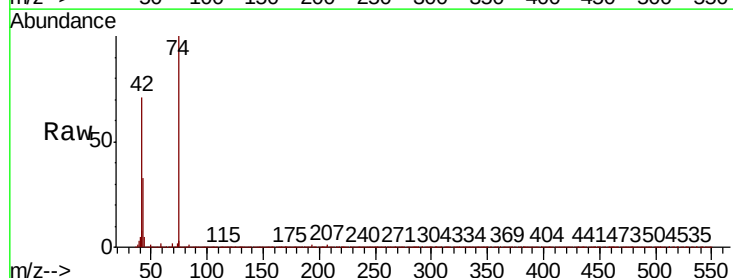
Instrument :
 BNA_P
 ClientSampleId :
 PB129897BSD

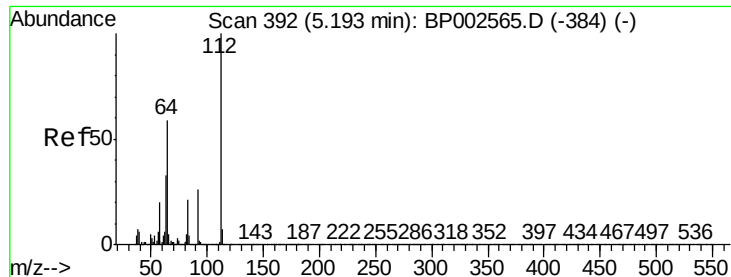
Tot Ion: 79 Resp: 766521
 Ion Ratio Lower Upper
 79 100
 52 67.1 54.5 81.7
 51 33.6 27.8 41.6



#4
 n-Nitrosodimethylamine
 Concen: 43.620 ng
 RT: 3.44 min Scan# 94
 Delta R.T. -0.01 min
 Lab File: BP002605.D
 Acq: 01 Jul 2020 15:35

Tgt Ion: 42 Resp: 355966
 Ion Ratio Lower Upper
 42 100
 74 139.9 101.7 152.5
 44 6.5 4.9 7.3





#5

2-Fluorophenol

Concen: 136.403 ng

RT: 5.19 min Scan# 392

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

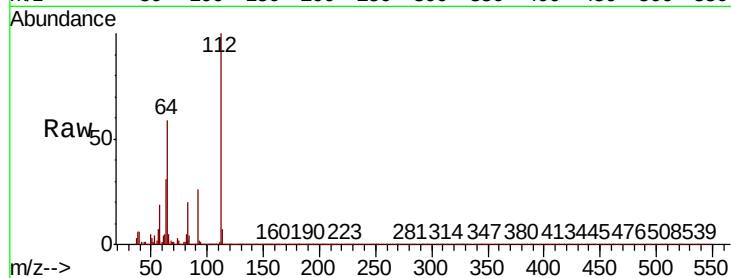
BNA_P

ClientSampleId :

PB129897BSD

Tot Ion:112 Resp: 2064391

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.0	70.6
63	31.2	26.1	39.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

5.19

1500000

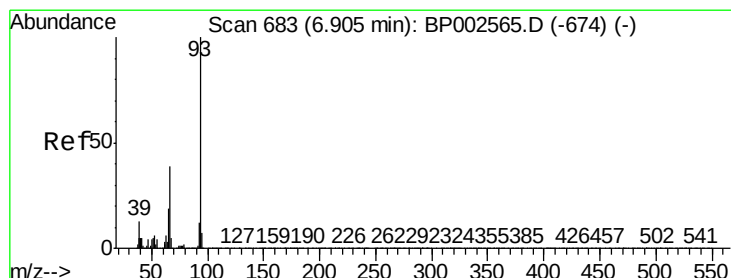
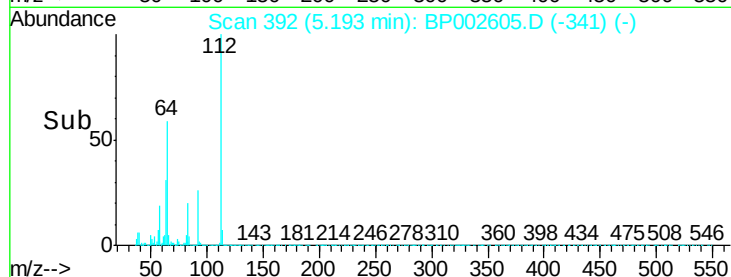
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500000

0

Time-->

5.10 5.20 5.30 5.40



#6

Aniline

Concen: 41.842 ng

RT: 6.90 min Scan# 683

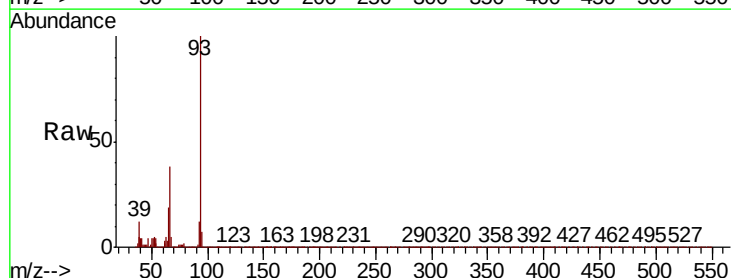
Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Tgt Ion: 93 Resp: 1110348

Ion	Ratio	Lower	Upper
93	100		
66	38.1	31.6	47.4
65	19.4	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

6.90

800000

600000

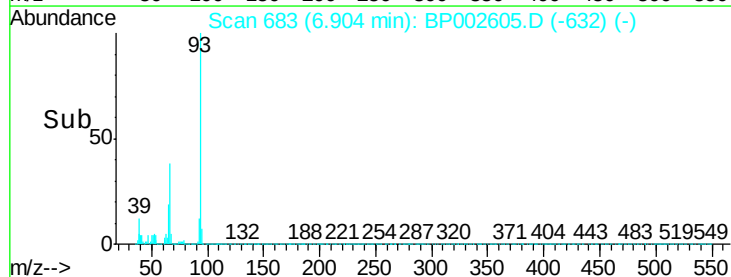
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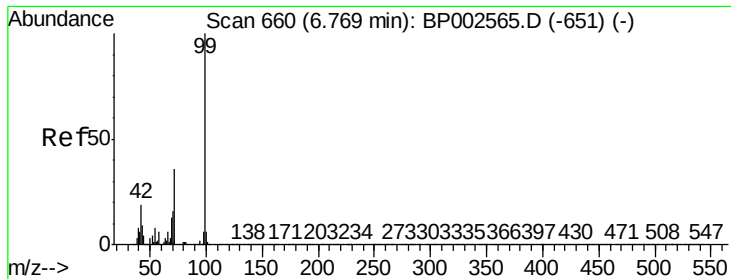
200000

0

Time-->

6.80 6.85 6.90 6.95 7.00





#7

Phenol-d6

Concen: 126.793 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

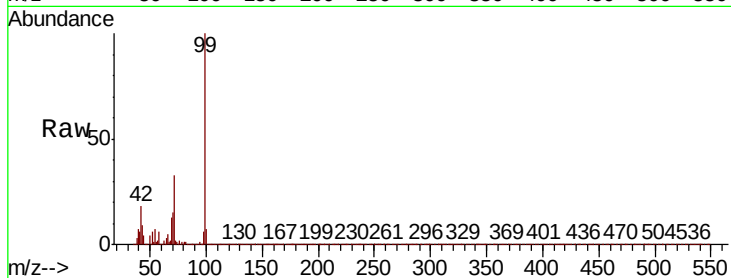
BNA_P

ClientSampleId :

PB129897BSD

Tot Ion: 99 Resp: 2678376

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.5	23.3
71	33.4	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

2000000

1500000

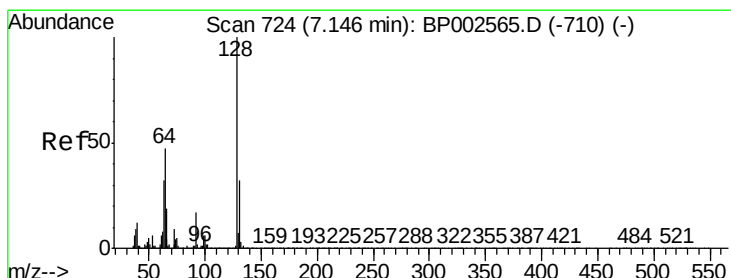
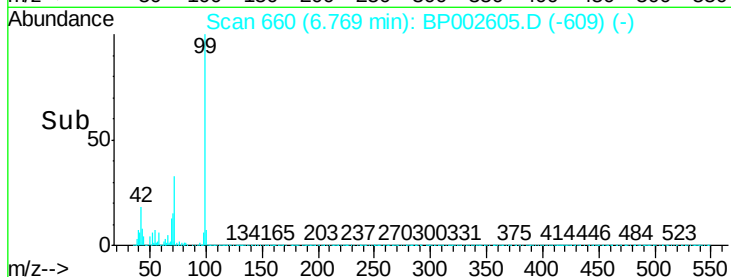
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500000

0

6.77

Time-->



#8

2-Chlorophenol

Concen: 48.515 ng

RT: 7.15 min Scan# 724

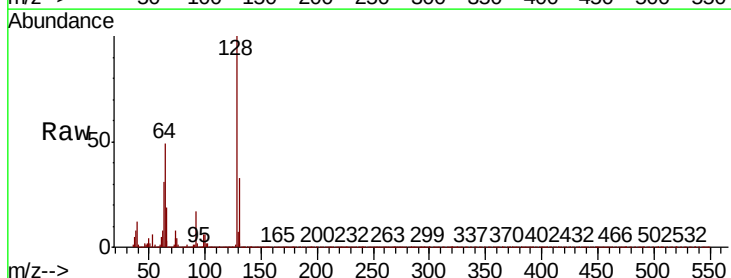
Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Tgt Ion: 128 Resp: 815632

Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.8	51.8
64	48.8	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

600000

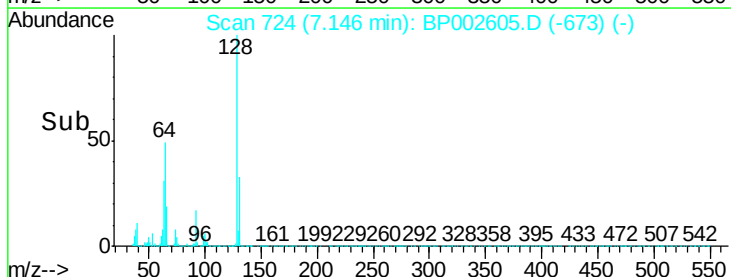
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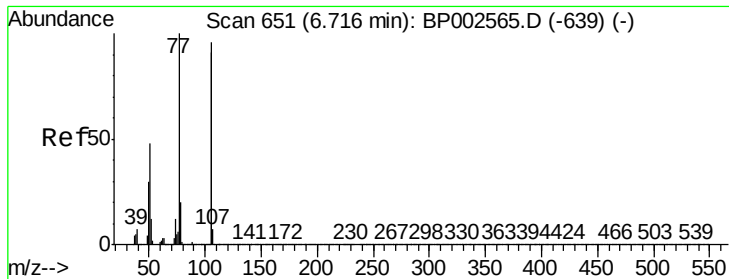
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0

7.15

Time-->





#9

Benzaldehyde

Concen: 27.852 ng

RT: 6.72 min Scan# 651

Delta R.T. 0.00 min

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BNA_P

ClientSampleID :

PB129897BSD

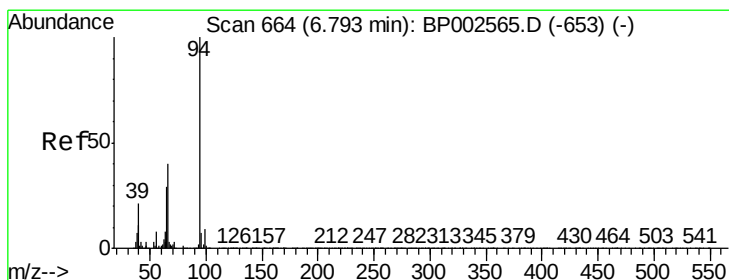
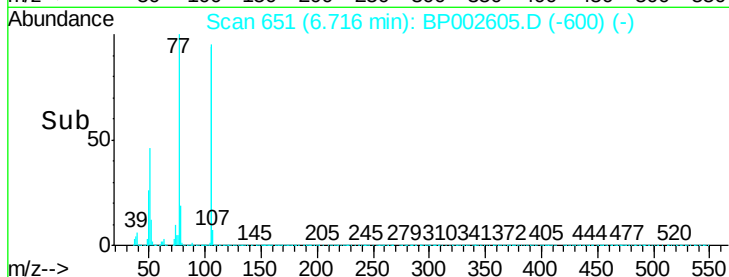
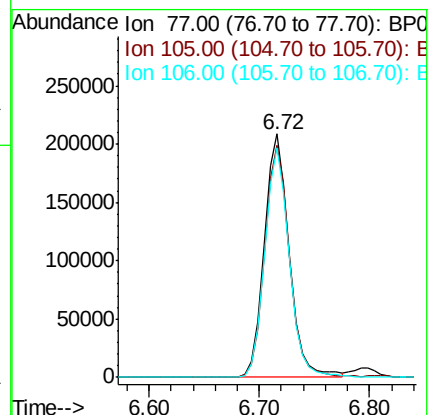
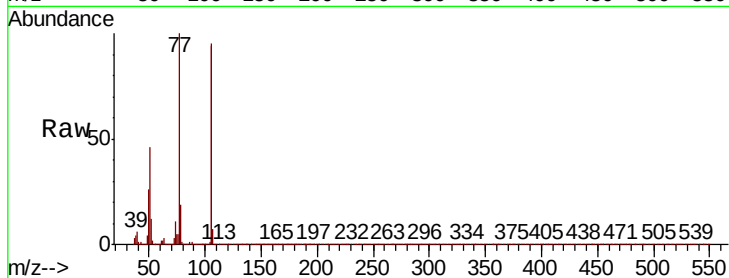
Tot Ion: 77 Resp: 329111

Ion Ratio Lower Upper

77 100

105 95.4 76.5 116.5

106 94.0 70.9 110.9



#10

Phenol

Concen: 50.042 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

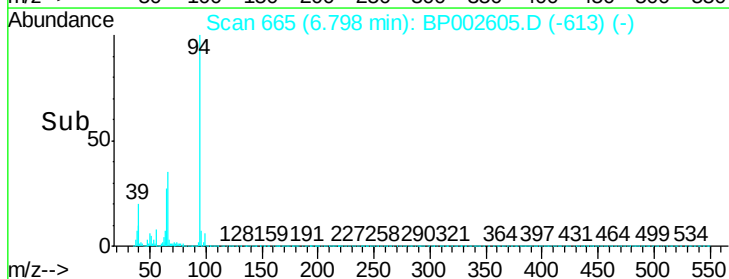
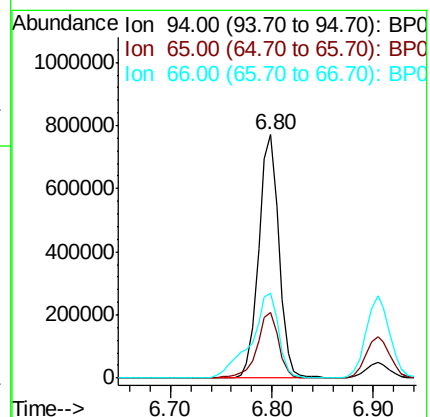
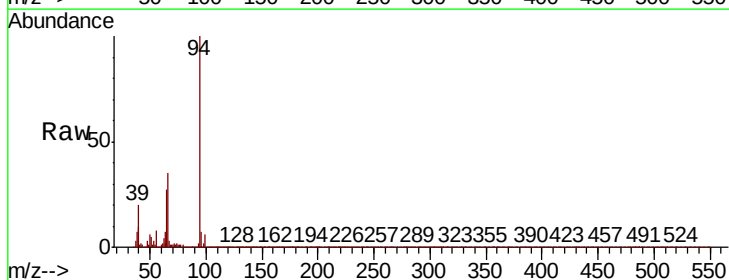
Tgt Ion: 94 Resp: 1066016

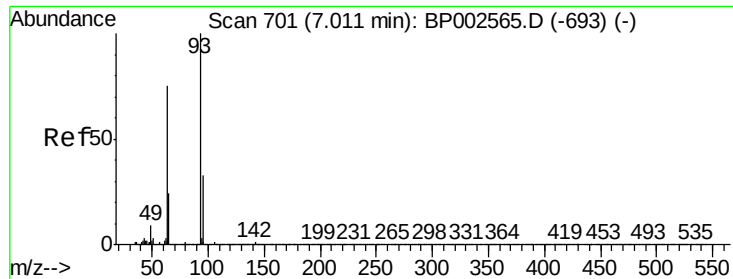
Ion Ratio Lower Upper

94 100

65 27.2 8.8 48.8

66 34.9 19.9 59.9

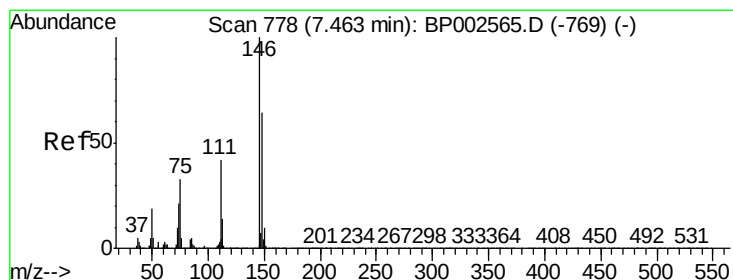
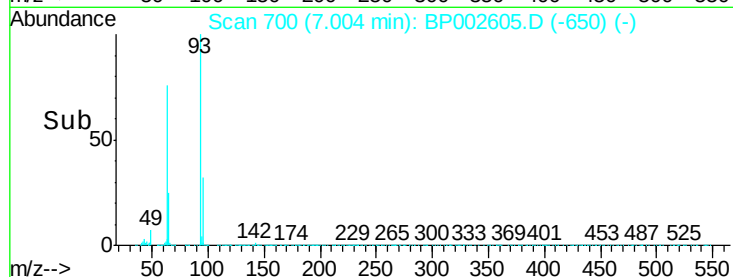
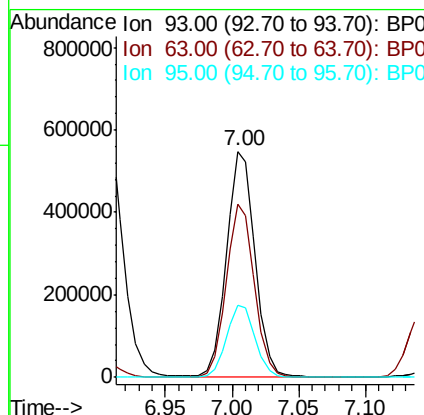
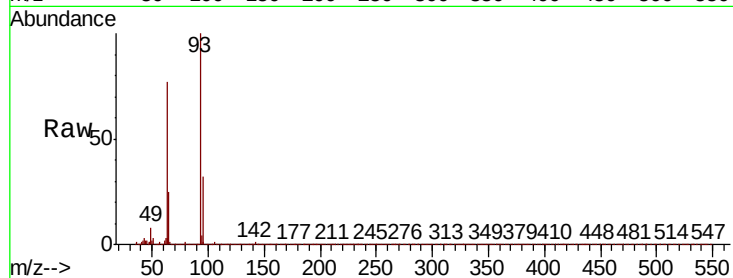




#11
bis(2-Chloroethyl)ether
Concen: 46.948 ng
RT: 7.00 min Scan# 700
Delta R.T. -0.01 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

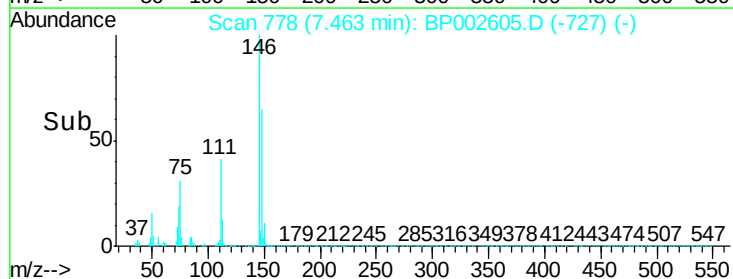
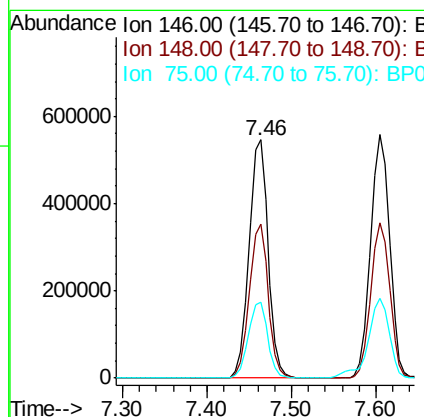
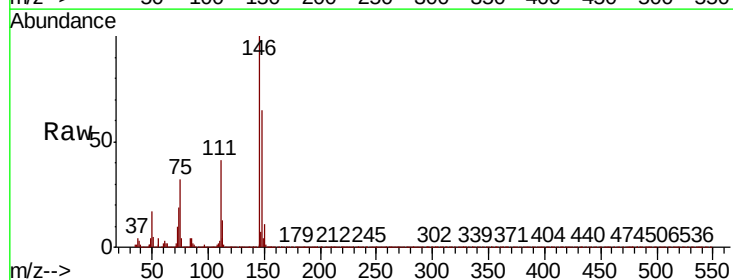
Instrument :
BNA_P
ClientSampleId :
PB129897BSD

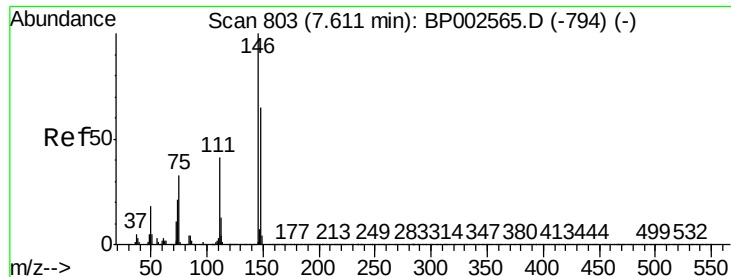
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.8	54.5	94.5
95	31.9	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 44.026 ng
RT: 7.46 min Scan# 778
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.3	76.9
75	32.1	26.1	39.1

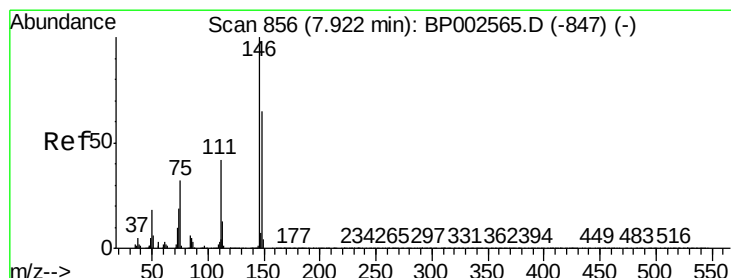
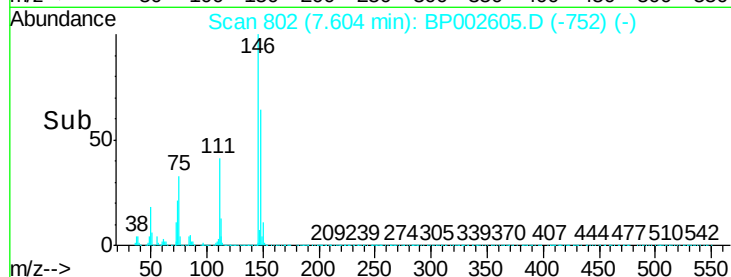
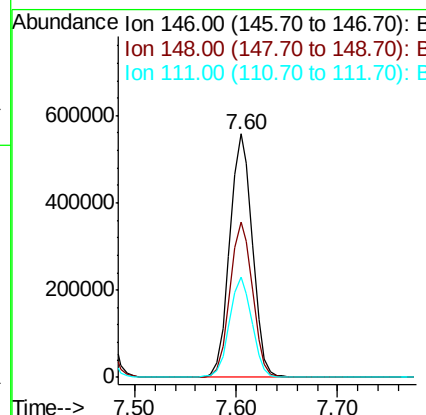
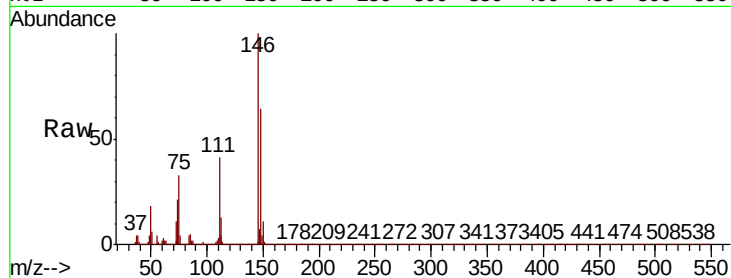




#13
1,4-Dichlorobenzene
Concen: 43.636 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.01 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

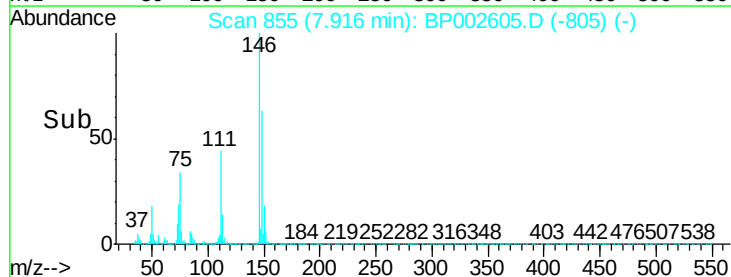
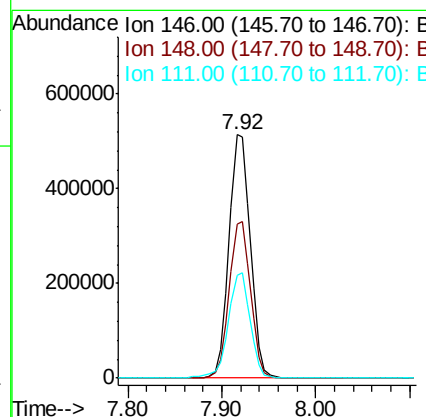
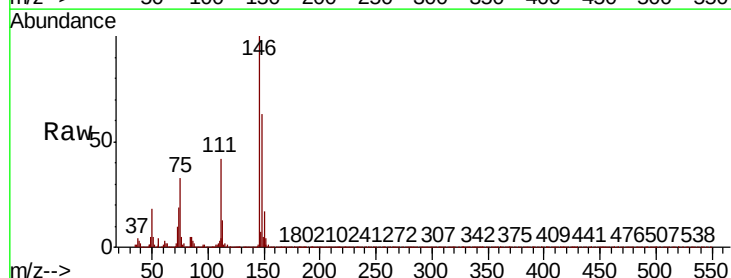
Instrument :
BNA_P
ClientSampleId :
PB129897BSD

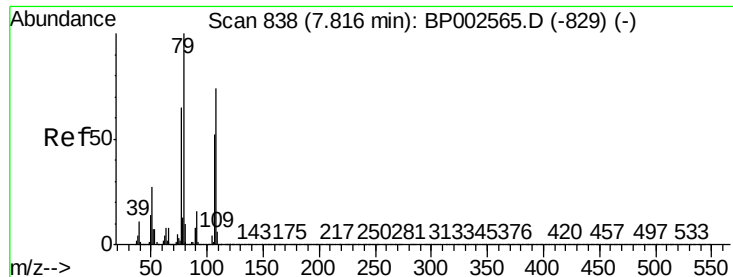
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
111	41.2	32.8	49.2



#14
1,2-Dichlorobenzene
Concen: 42.661 ng
RT: 7.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.2
111	42.4	34.1	51.1

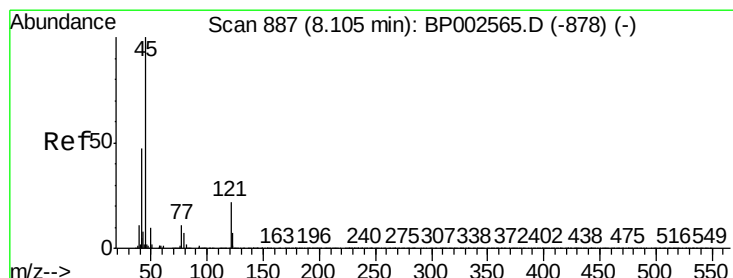
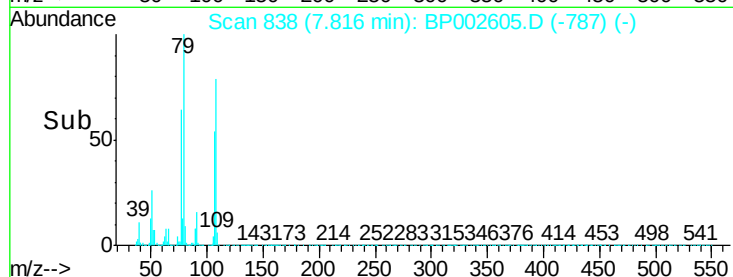
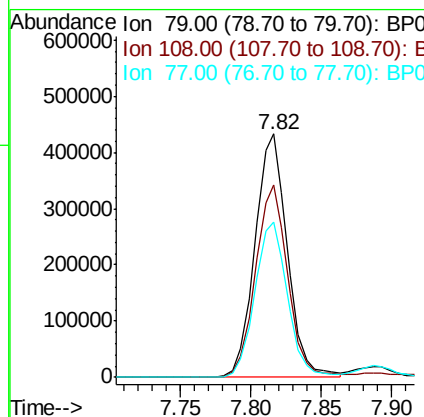
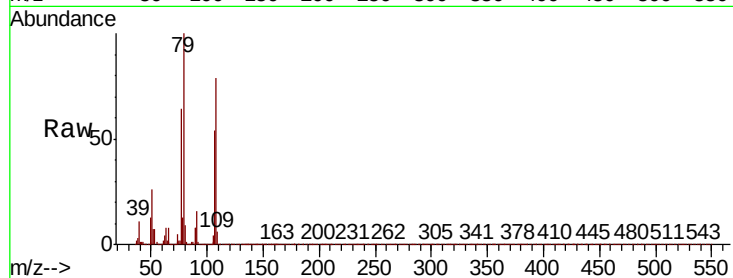




#15
Benzyl Alcohol
Concen: 43.977 ng
RT: 7.82 min Scan# 838
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

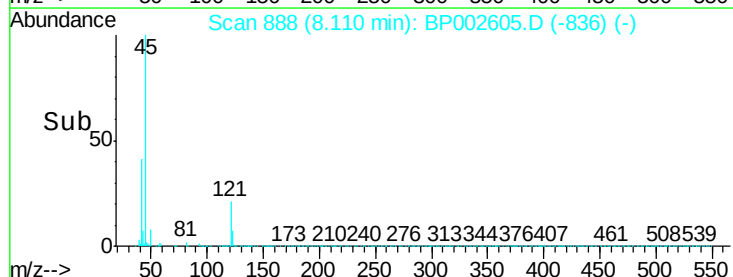
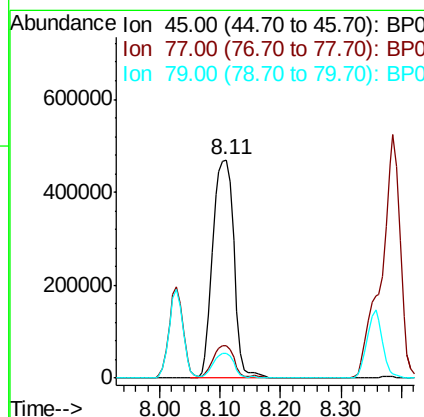
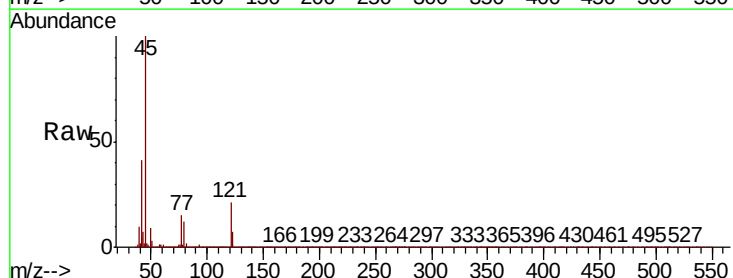
Instrument :
BNA_P
ClientSampleId :
PB129897BSD

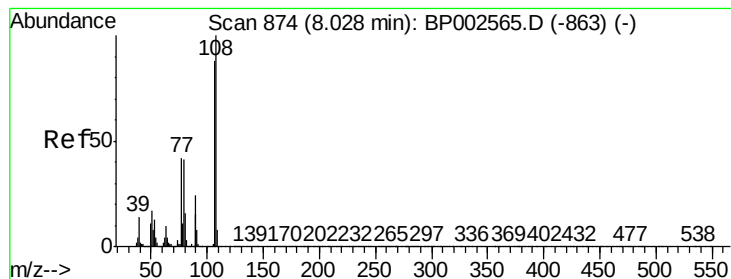
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.1	59.4	89.2
77	63.9	51.9	77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.759 ng
RT: 8.11 min Scan# 888
Delta R.T. 0.01 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	35.0
79	11.5	0.0	31.1





#17

2-Methylphenol

Concen: 43.426 ng

RT: 8.03 min Scan# 874

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

BNA_P

ClientSampleId :

PB129897BSD

Tot Ion:107 Resp: 692424

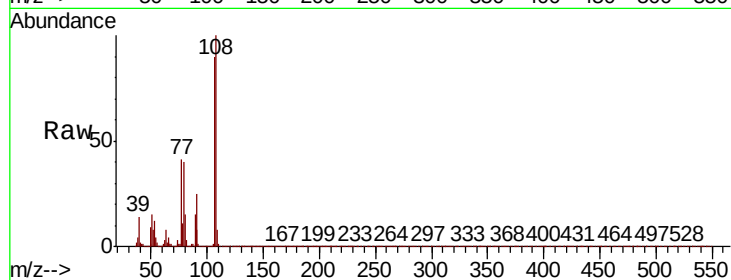
Ion Ratio Lower Upper

107 100

108 111.4 91.4 137.0

77 45.2 38.7 58.1

79 44.1 38.0 57.0

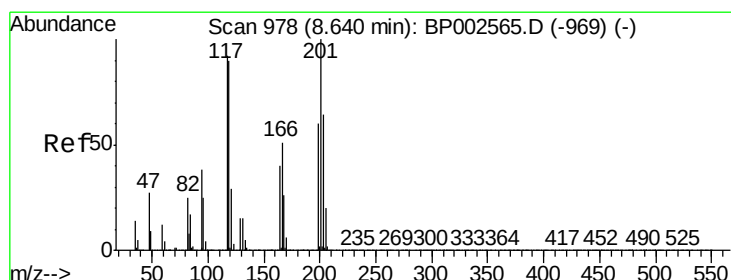
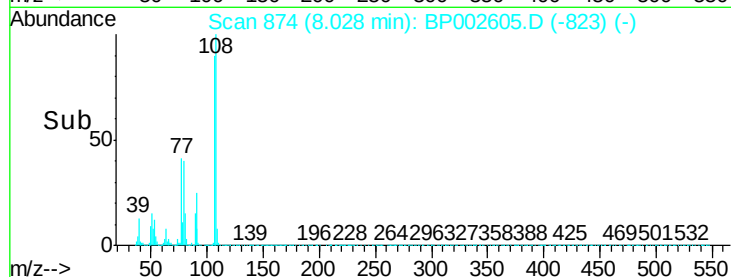
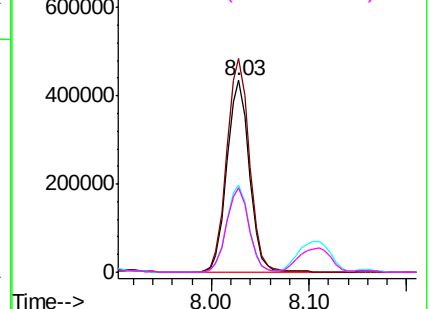


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 43.967 ng

RT: 8.64 min Scan# 978

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

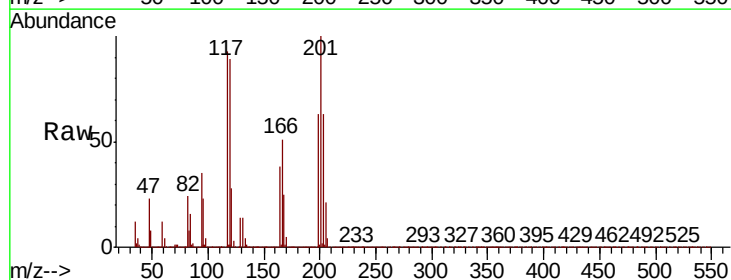
Tgt Ion:117 Resp: 313622

Ion Ratio Lower Upper

117 100

119 95.8 78.2 117.4

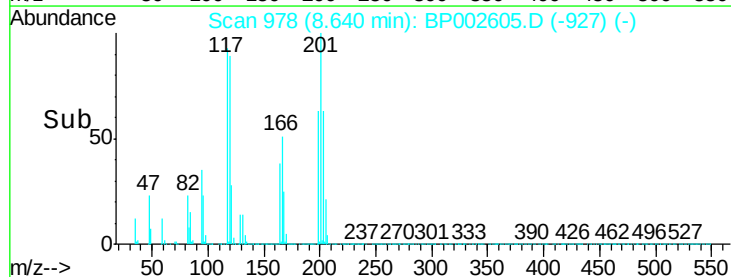
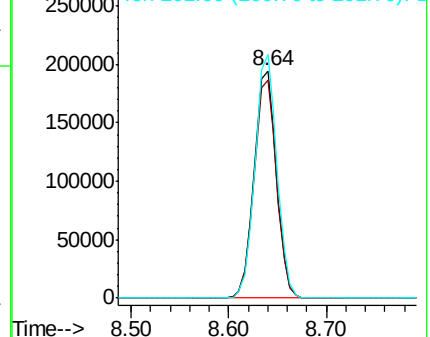
201 107.1 87.0 130.6

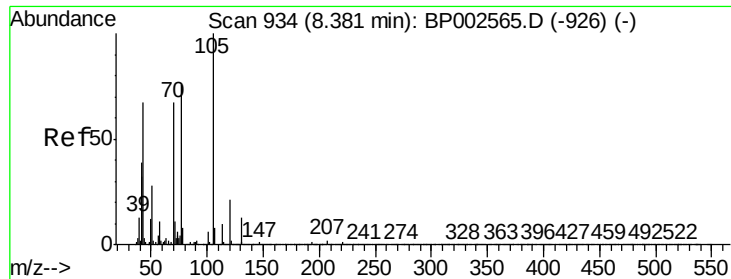


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

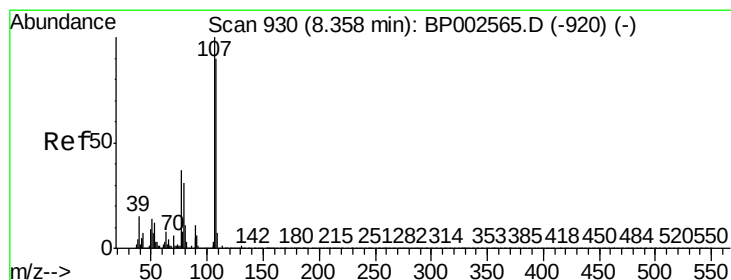
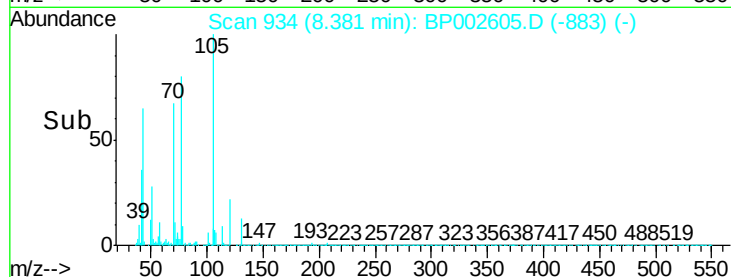
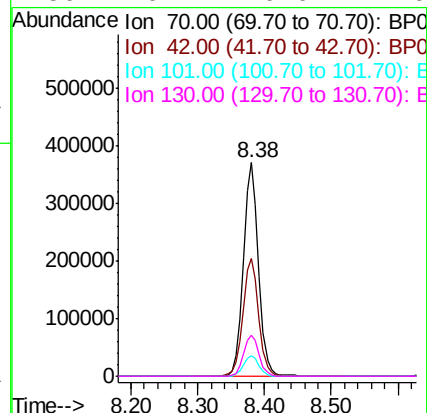
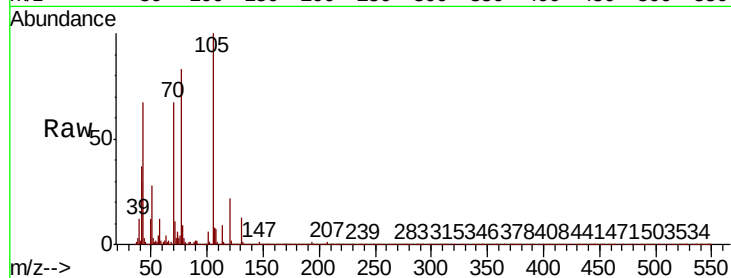




#19
n-Nitroso-di-n-propylamine
Concen: 42.060 ng
RT: 8.38 min Scan# 934
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

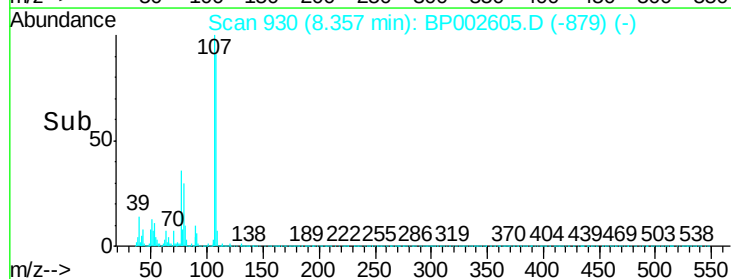
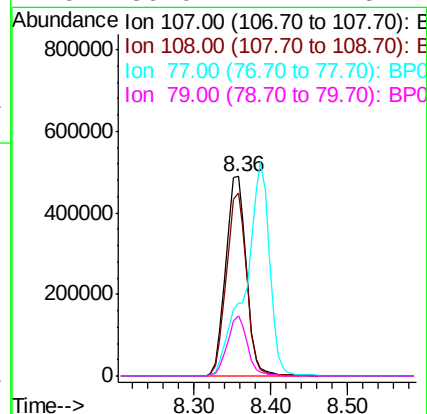
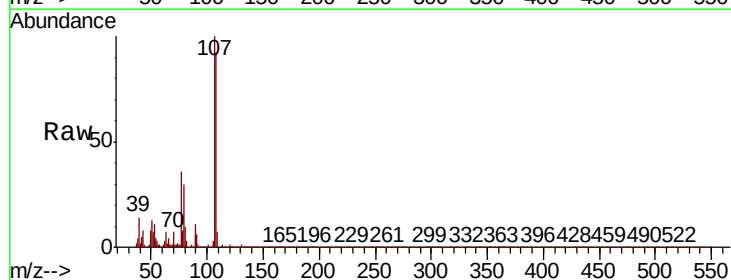
Instrument :
BNA_P
ClientSampleId :
PB129897BSD

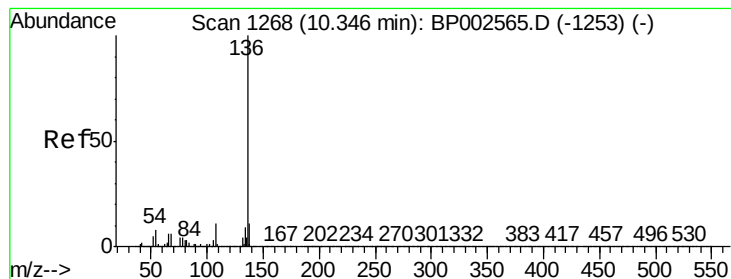
Tot Ion:	70	Resp:	582943
Ion	Ratio	Lower	Upper
70	100		
42	55.2	46.7	70.1
101	9.6	7.5	11.3
130	19.4	16.0	24.0



#20
3+4-Methylphenols
Concen: 42.484 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion:	107	Resp:	913265
Ion	Ratio	Lower	Upper
107	100		
108	92.0	70.4	110.4
77	36.3	16.7	56.7
79	30.0	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: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

BNA_P

ClientSampleId :

PB129897BSD

Tot Ion:136 Resp: 1013811

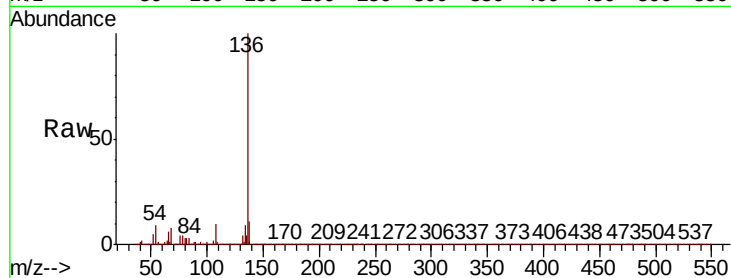
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.7	6.4	9.6
68	7.6	5.1	7.7

136 100

137 10.9 8.8 13.2

54 8.7 6.4 9.6

68 7.6 5.1 7.7

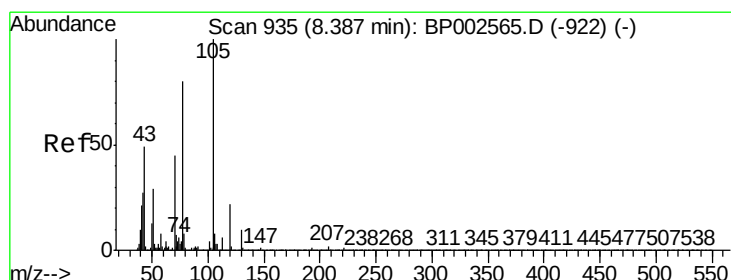
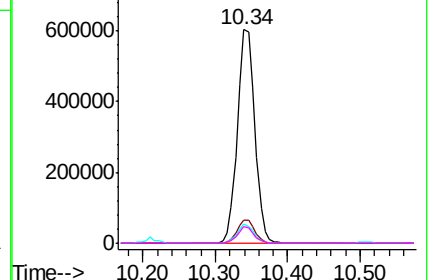
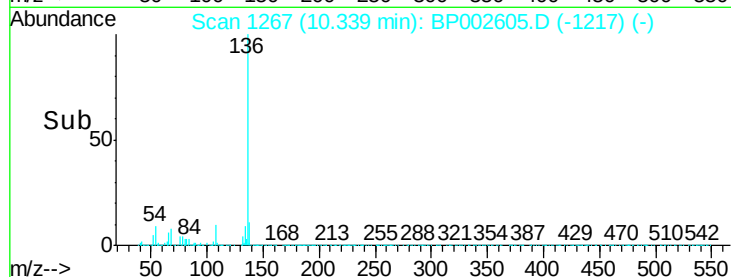


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 42.956 ng

RT: 8.39 min Scan# 935

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Tgt Ion:105 Resp: 1102269

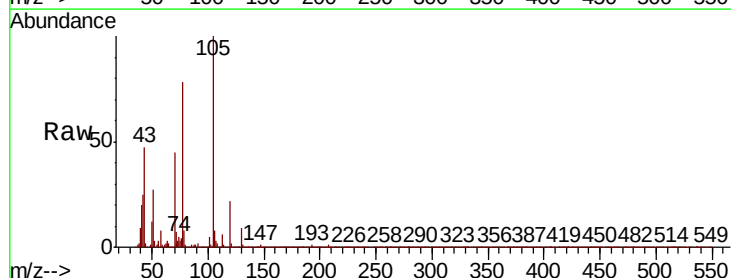
Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.8	8.8
51	27.1	23.3	34.9
120	22.1	17.4	26.0

105 100

71 7.4 5.8 8.8

51 27.1 23.3 34.9

120 22.1 17.4 26.0

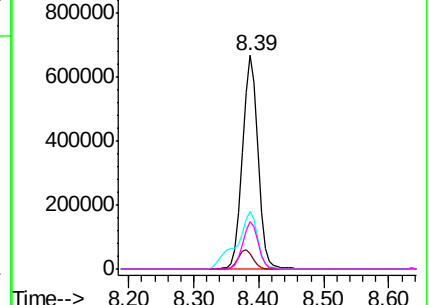
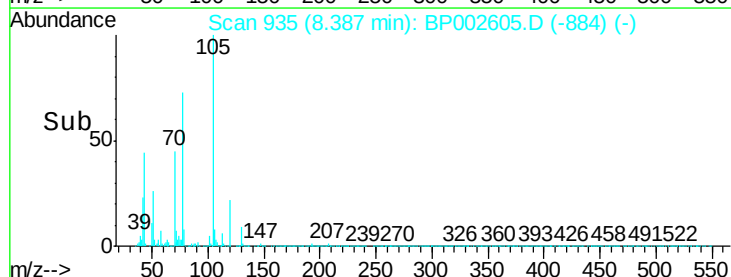


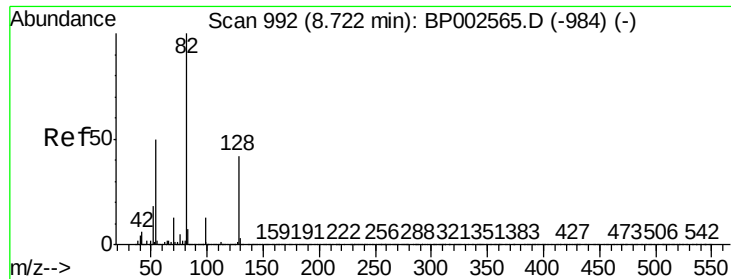
Abundance Ion 105.00 (104.70 to 105.70): E

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

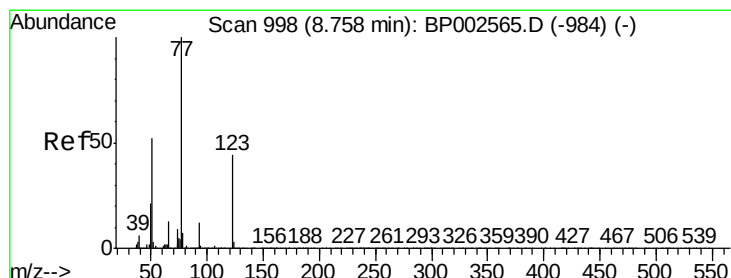
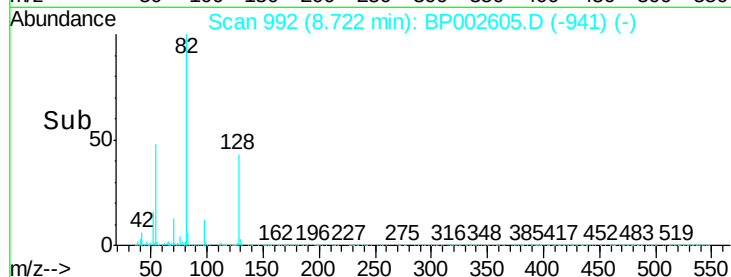
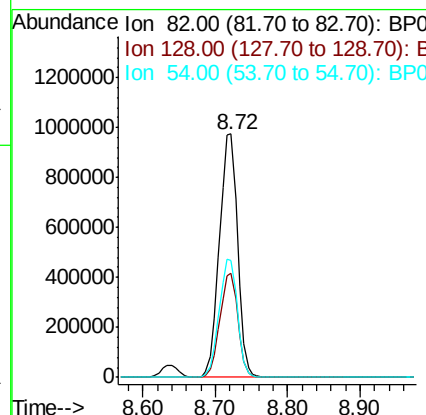
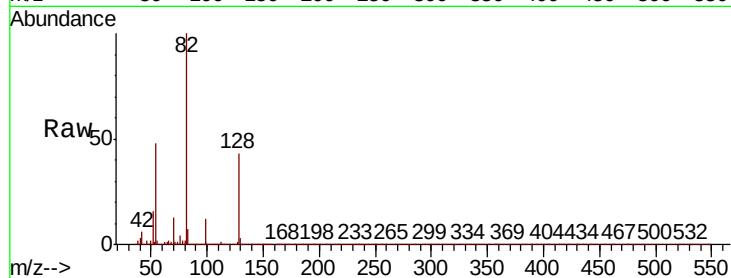




#23
 Nitrobenzene-d5
 Concen: 86.417 ng
 RT: 8.72 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BP002605.D
 Acq: 01 Jul 2020 15:35

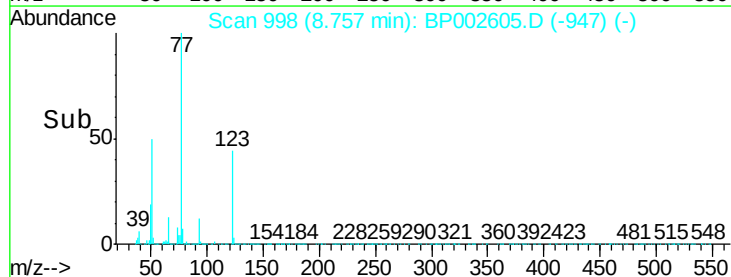
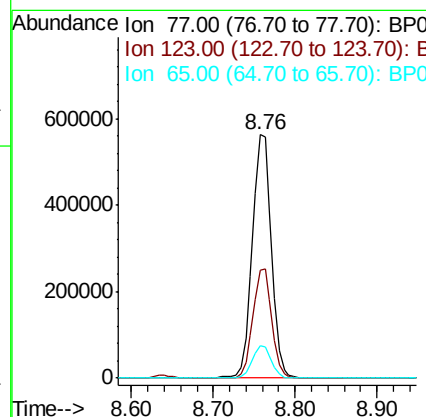
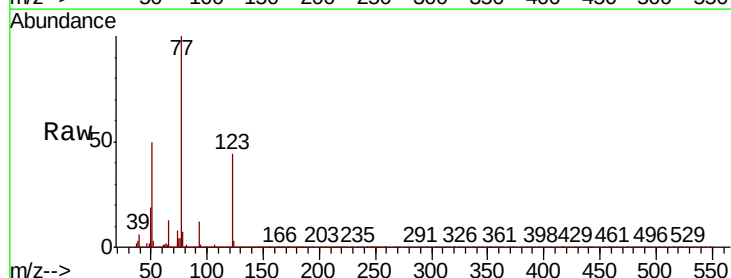
Instrument :
 BNA_P
 ClientSampleId :
 PB129897BSD

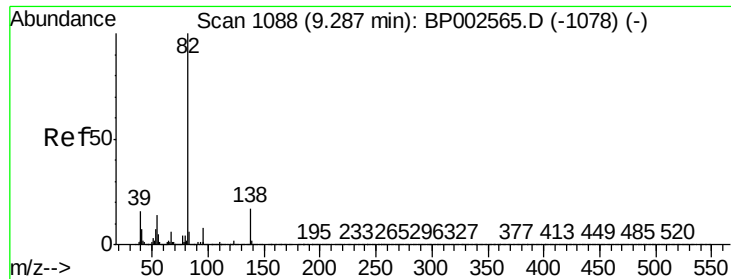
Tot Ion: 82 Resp: 1700336
 Ion Ratio Lower Upper
 82 100
 128 42.9 33.4 50.2
 54 48.2 40.1 60.1



#24
 Nitrobenzene
 Concen: 43.917 ng
 RT: 8.76 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BP002605.D
 Acq: 01 Jul 2020 15:35

Tgt Ion: 77 Resp: 914637
 Ion Ratio Lower Upper
 77 100
 123 44.3 35.3 52.9
 65 13.4 10.6 16.0





#25

Isophorone

Concen: 42.633 ng

RT: 9.29 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

BNA_P

ClientSampleId :

PB129897BSD

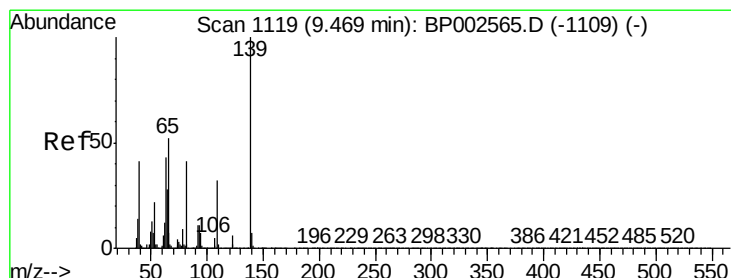
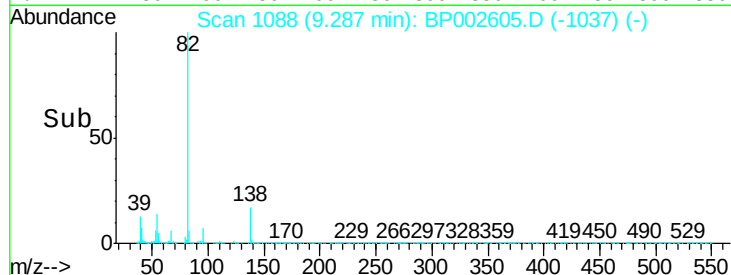
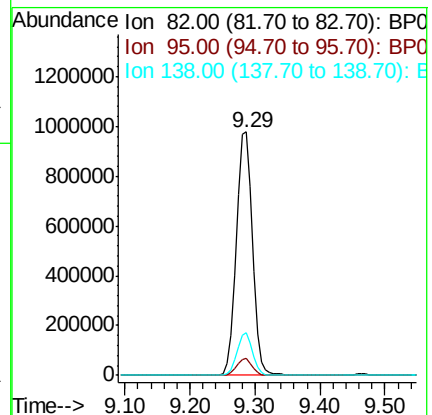
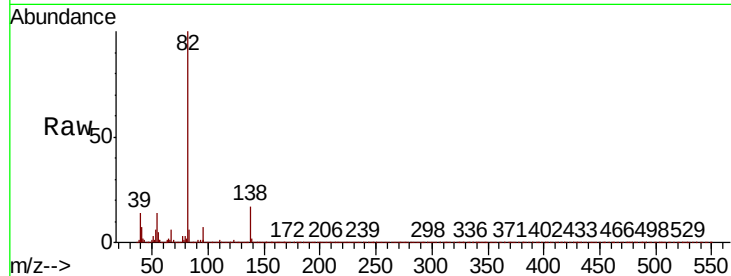
Tot Ion: 82 Resp: 1681272

Ion Ratio Lower Upper

82 100

95 7.0 6.0 9.0

138 17.4 13.8 20.8



#26

2-Nitrophenol

Concen: 46.803 ng

RT: 9.46 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

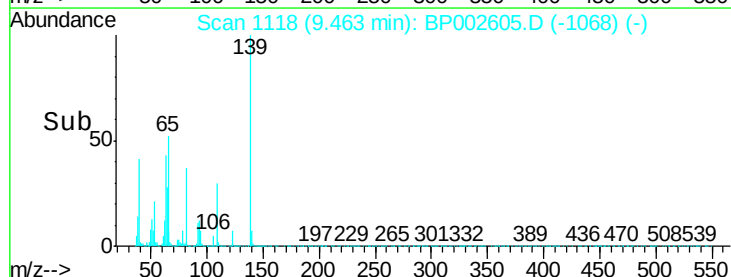
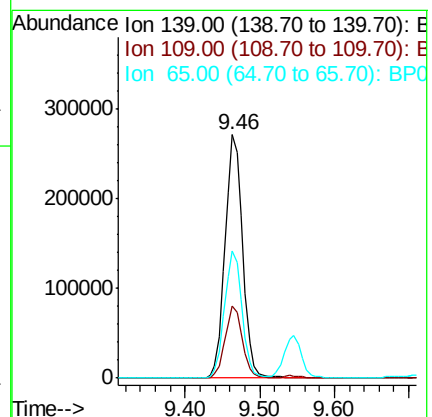
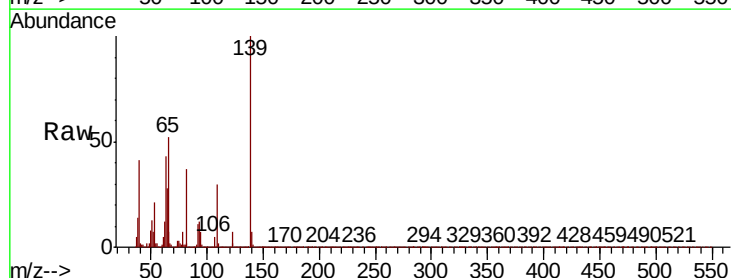
Tgt Ion: 139 Resp: 444552

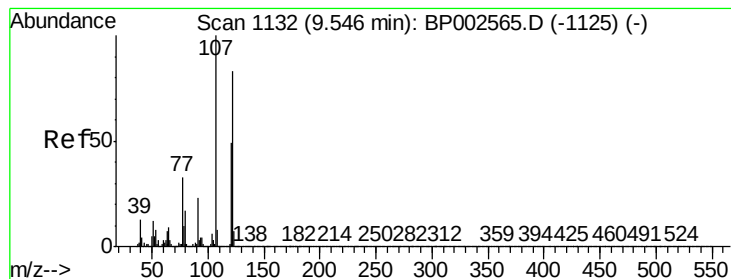
Ion Ratio Lower Upper

139 100

109 29.5 26.0 39.0

65 52.4 41.9 62.9





#27

2,4-Dimethylphenol

Concen: 49.617 ng

RT: 9.55 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

BNA_P

ClientSampleId :

PB129897BSD

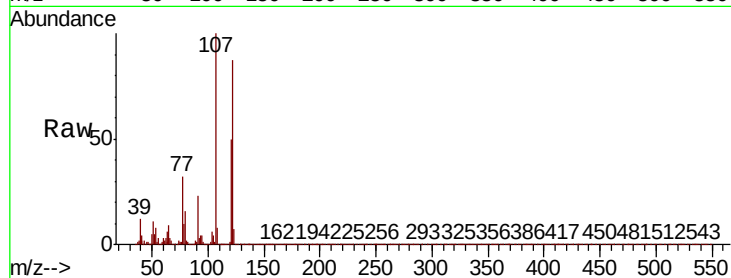
Tot Ion:122 Resp: 714115

Ion Ratio Lower Upper

122 100

107 115.5 95.9 143.9

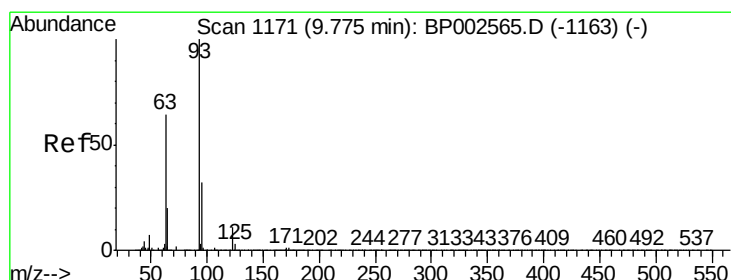
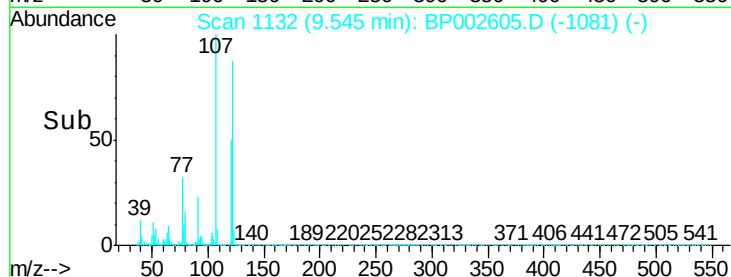
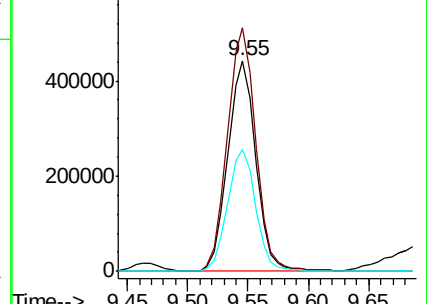
121 57.6 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.149 ng

RT: 9.77 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

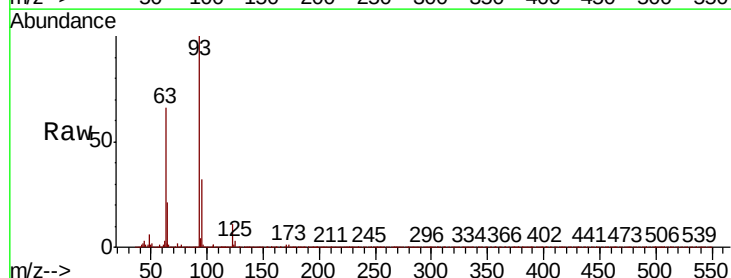
Tgt Ion: 93 Resp: 1068081

Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

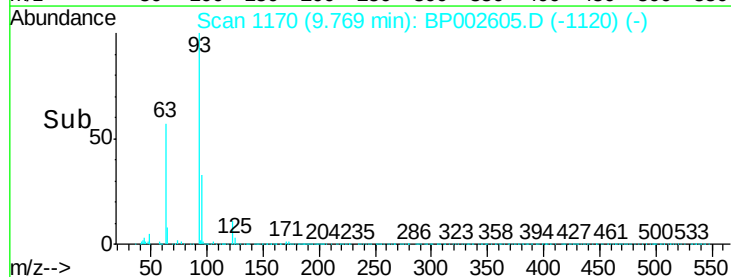
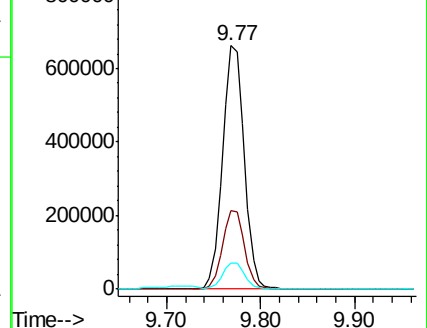
123 10.8 8.7 13.1

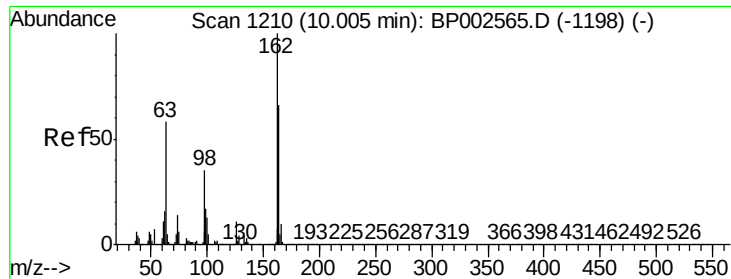


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

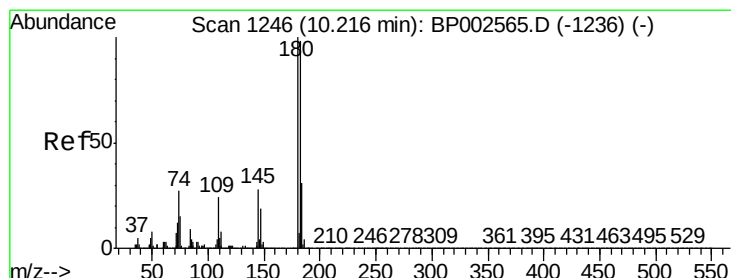
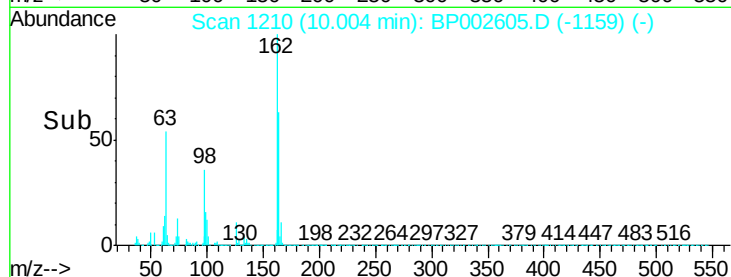
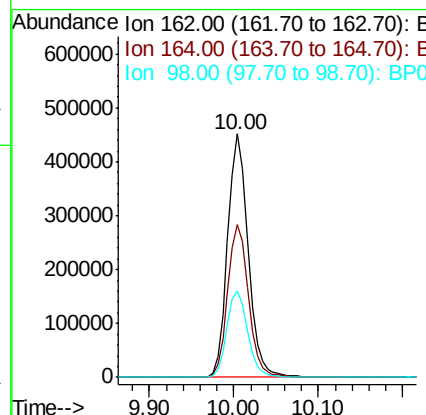
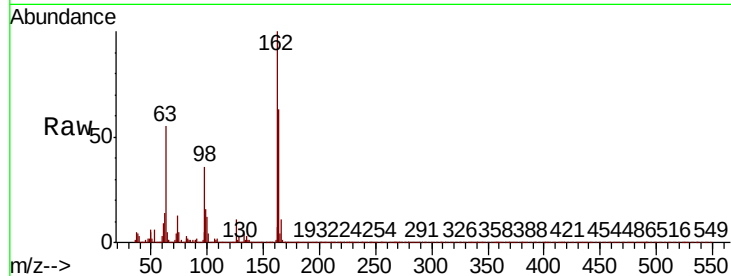




#29
 2,4-Dichlorophenol
 Concen: 45.982 ng
 RT: 10.00 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BP002605.D
 Acq: 01 Jul 2020 15:35

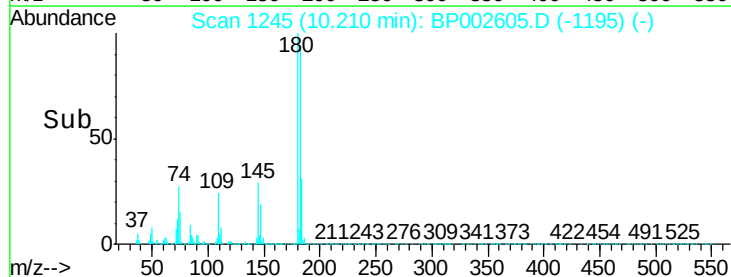
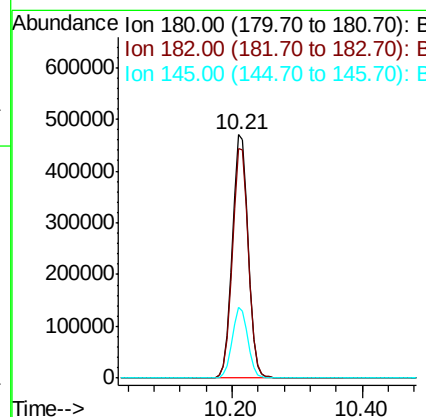
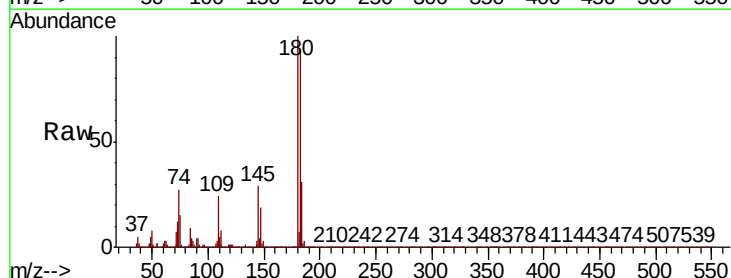
Instrument :
 BNA_P
 ClientSampleId :
 PB129897BSD

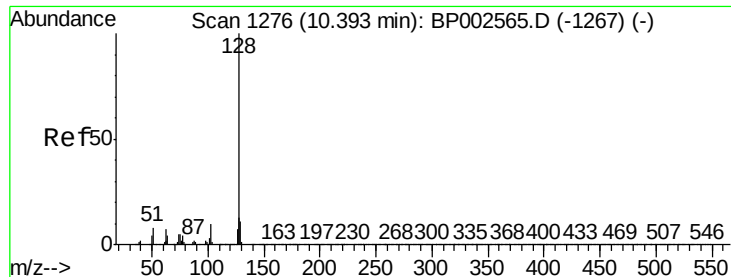
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	46.1	86.1
98	35.6	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 42.363 ng
 RT: 10.21 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BP002605.D
 Acq: 01 Jul 2020 15:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	78.2	117.2
145	29.0	22.6	34.0

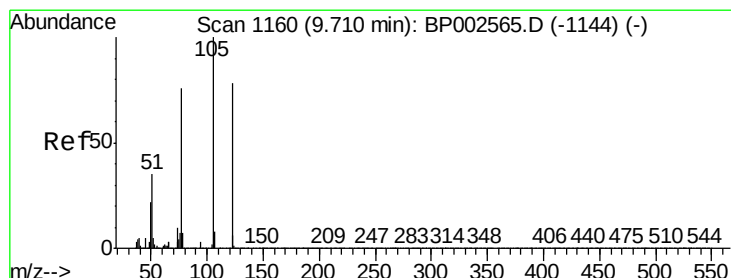
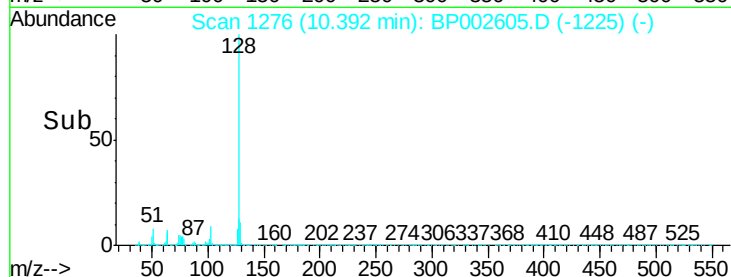
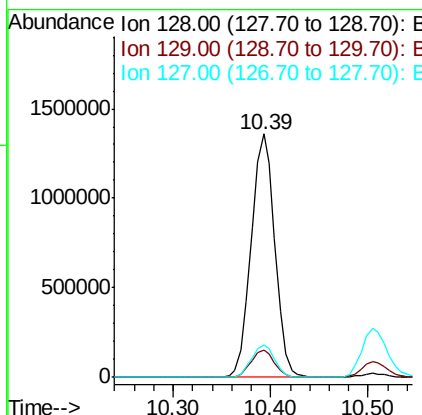
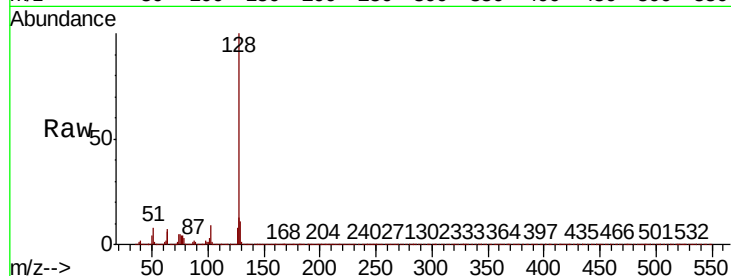




#31
Naphthalene
Concen: 43.237 ng
RT: 10.39 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

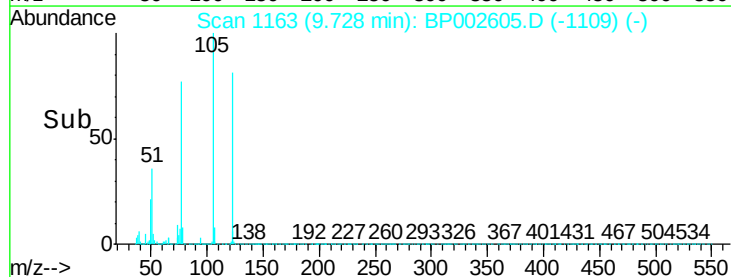
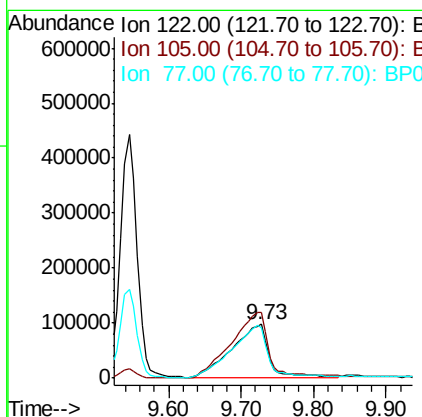
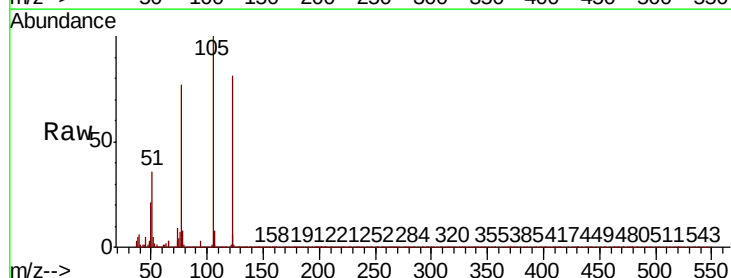
Instrument :
BNA_P
ClientSampleId :
PB129897BSD

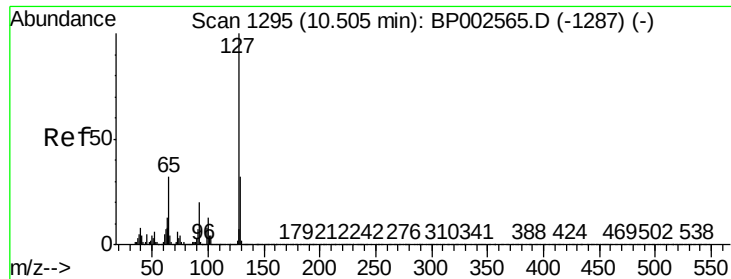
Tot Ion:128 Resp: 2320456
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.3 15.5



#32
Benzoic acid
Concen: 33.412 ng
RT: 9.73 min Scan# 1163
Delta R.T. 0.02 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion:122 Resp: 341200
Ion Ratio Lower Upper
122 100
105 123.3 106.6 146.6
77 94.9 76.5 116.5

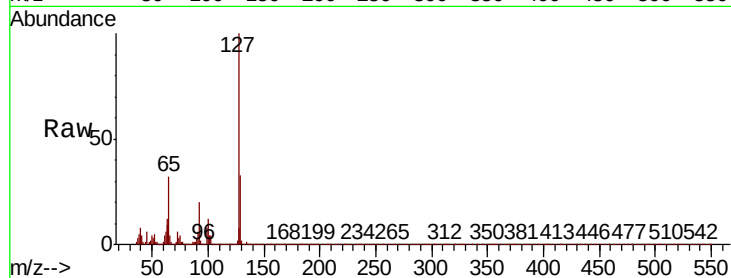




#33
4-Chloroaniline
Concen: 21.513 ng
RT: 10.50 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Instrument :
BNA_P
ClientSampleId :
PB129897BSD

Tot Ion:	127	Resp:	505023
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.7	38.5
65	32.1	25.7	38.5
92	20.3	16.1	24.1



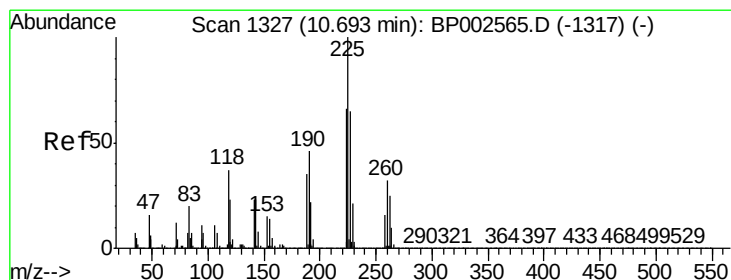
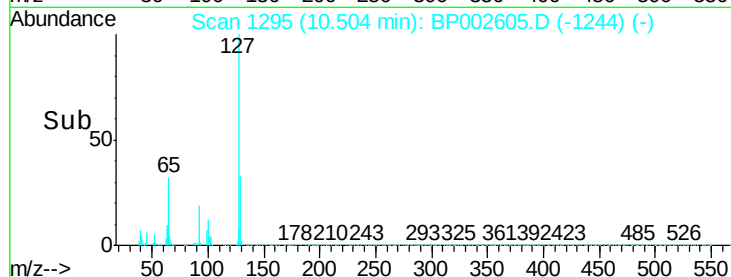
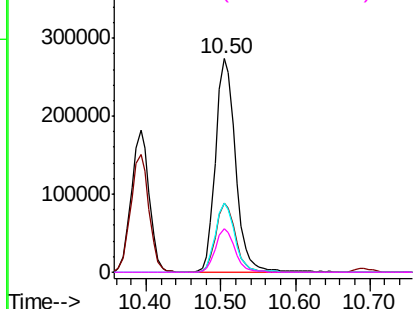
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

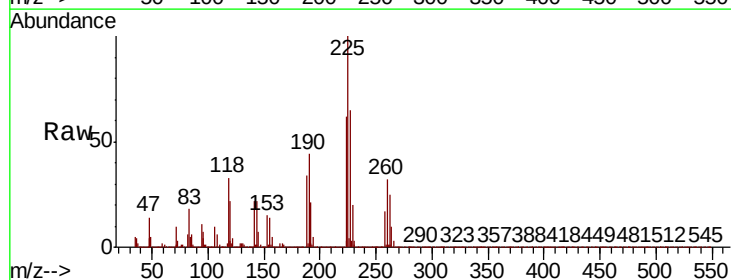
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 39.885 ng
RT: 10.69 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion:	225	Resp:	455889
Ion	Ratio	Lower	Upper
225	100		
223	61.6	52.6	78.8
227	65.0	52.1	78.1

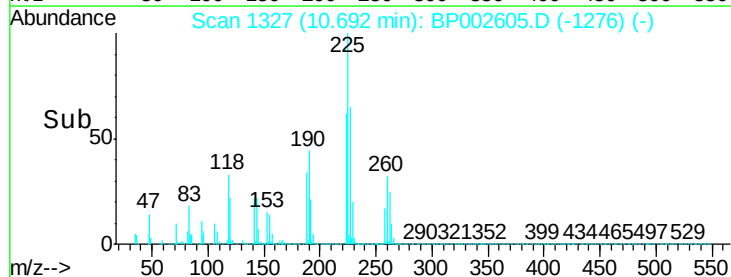
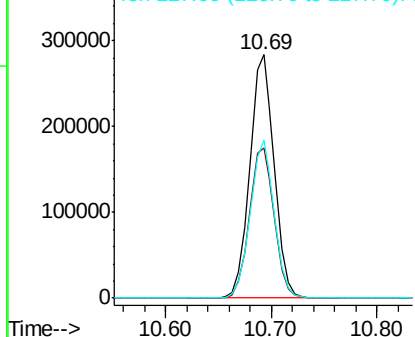


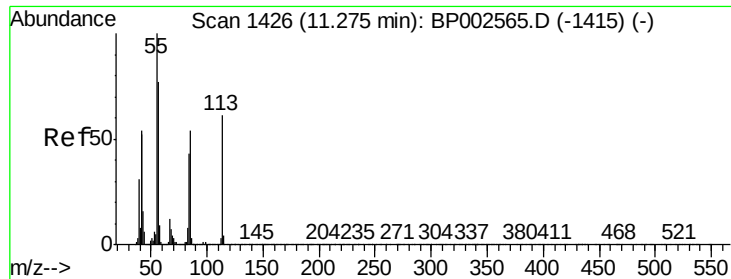
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

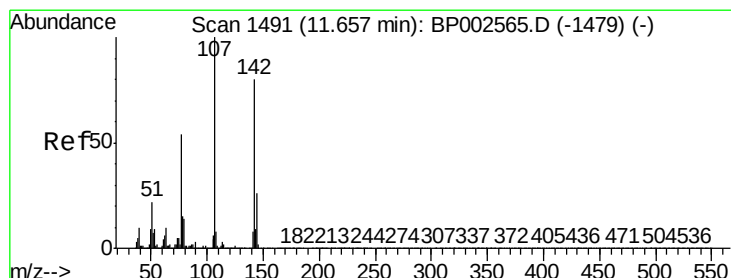
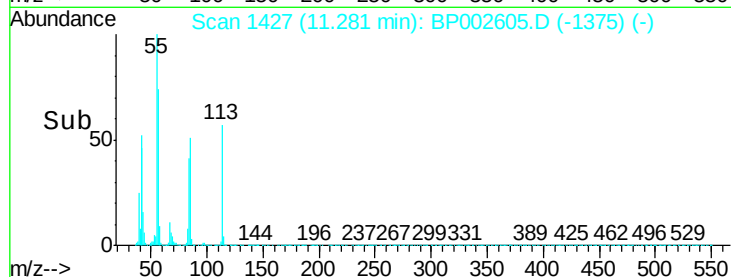
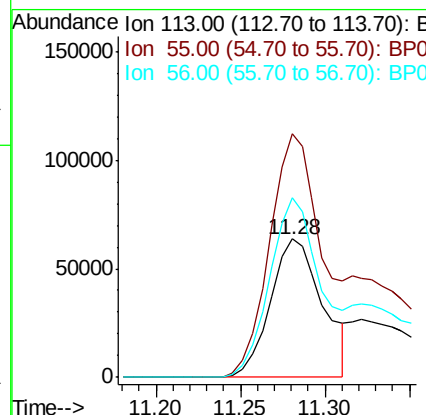
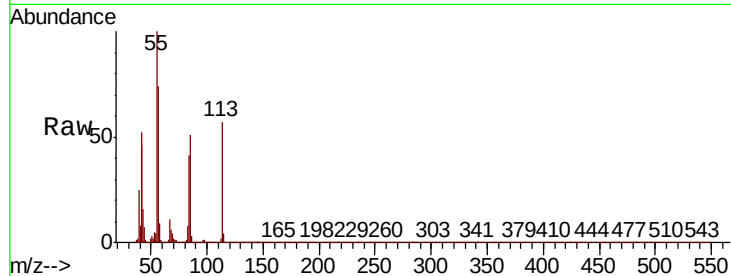




#35
Caprolactam
Concen: 24.497 ng
RT: 11.28 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

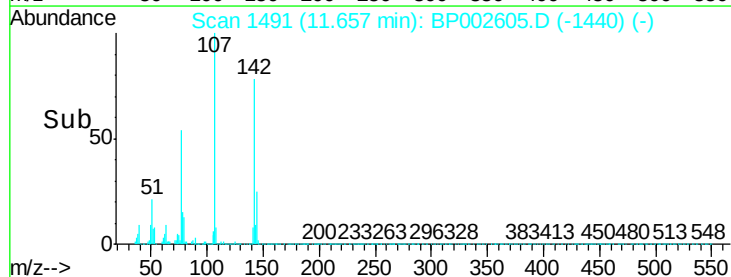
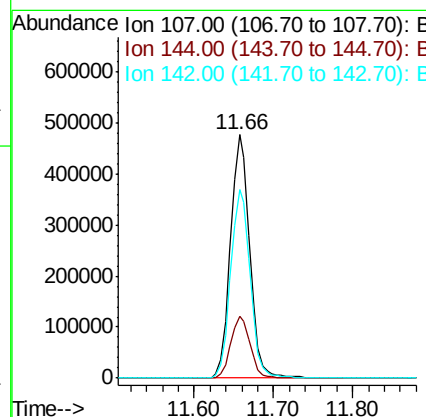
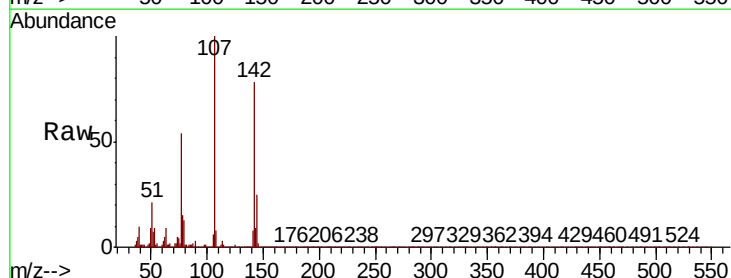
Instrument :
BNA_P
ClientSampleId :
PB129897BSD

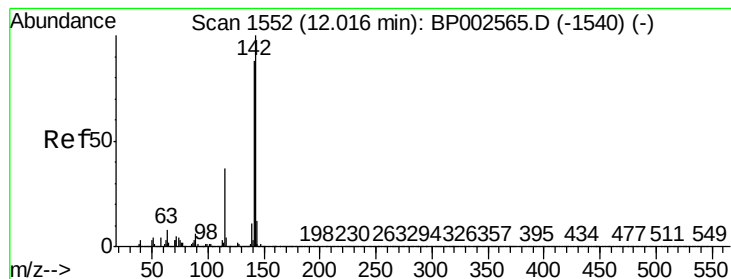
Tot Ion:113 Resp: 136589
Ion Ratio Lower Upper
113 100
55 176.1 143.7 183.7
56 129.7 105.2 145.2



#36
4-Chloro-3-methylphenol
Concen: 43.894 ng
RT: 11.66 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion:107 Resp: 797999
Ion Ratio Lower Upper
107 100
144 25.2 21.0 31.6
142 77.6 63.9 95.9





#37

2-Methylnaphthalene

Concen: 42.583 ng

RT: 12.02 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

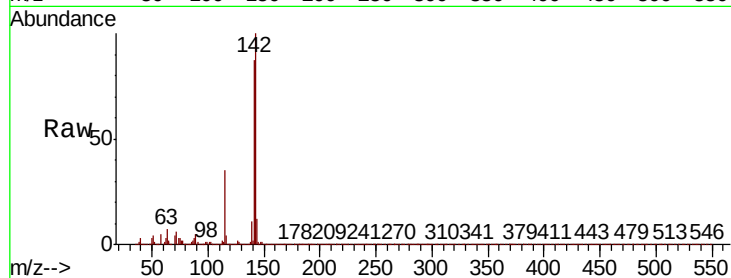
BNA_P

ClientSampleId :

PB129897BSD

Tot Ion:142 Resp: 1666333

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.7	106.1
115	35.3	29.7	44.5

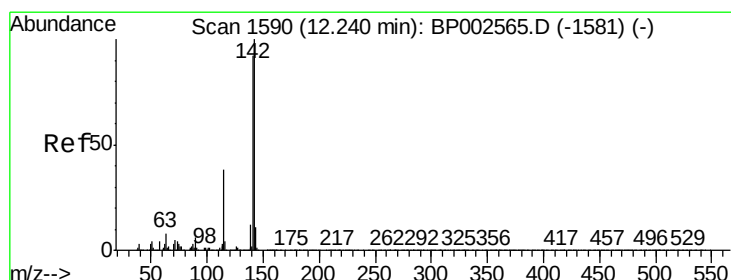
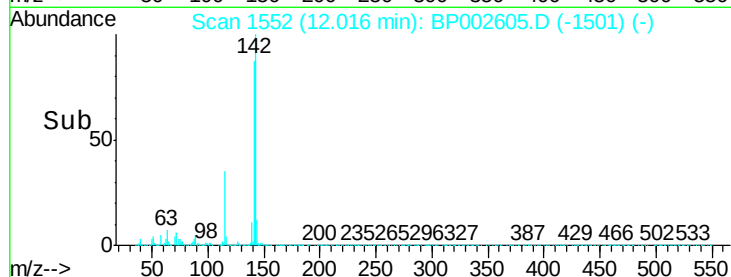
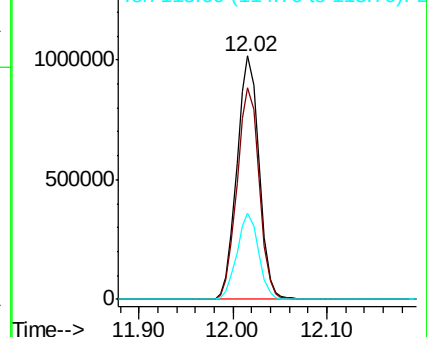


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.418 ng

RT: 12.24 min Scan# 1590

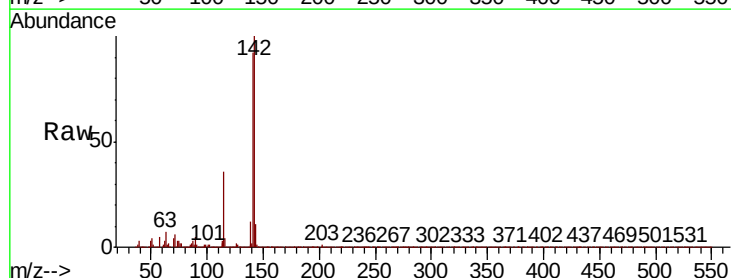
Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Tgt Ion:142 Resp: 1563294

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.2
116	3.9	3.2	4.8

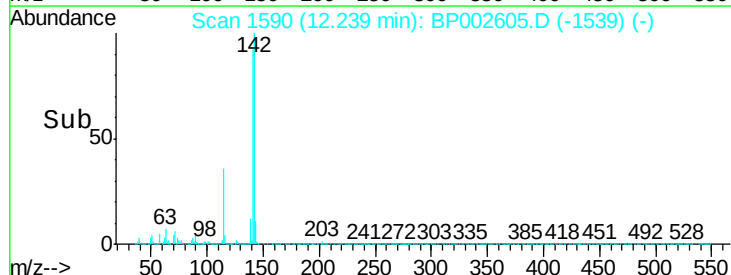
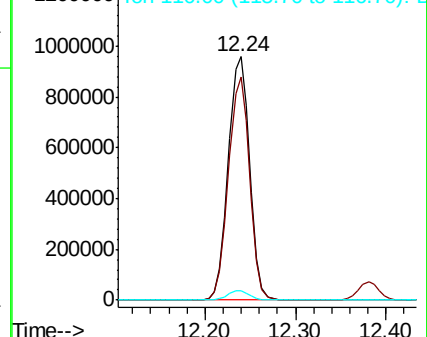


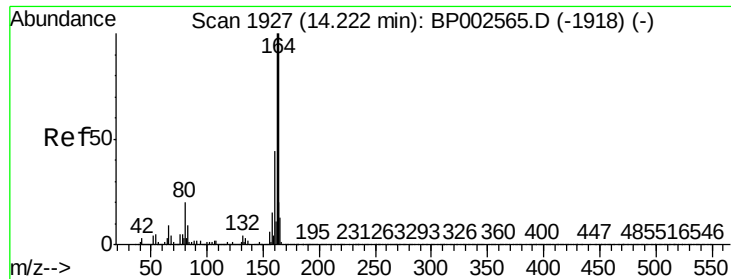
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

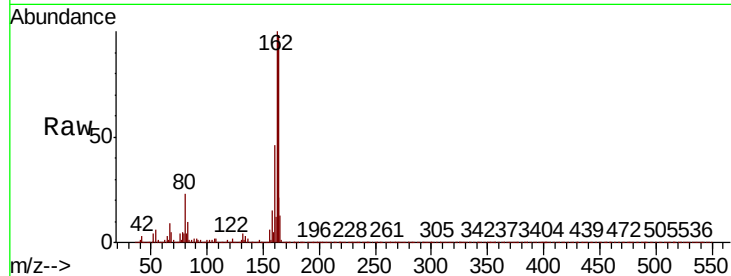
BNA_P

ClientSampleId :

PB129897BSD

Tot Ion:164 Resp: 586899

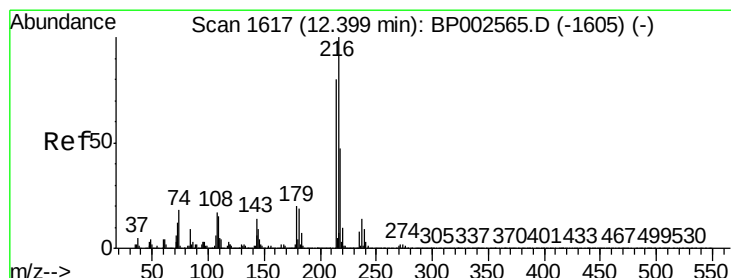
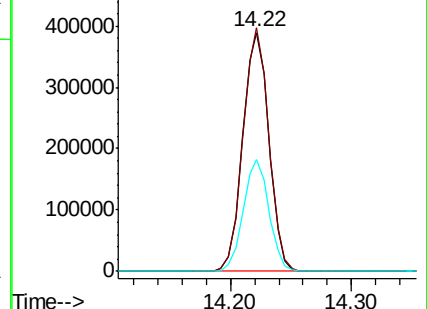
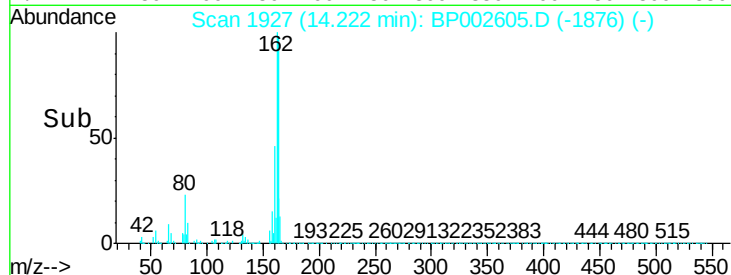
Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.3	120.5
160	47.0	35.0	52.6



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: 42.389 ng

RT: 12.40 min Scan# 1617

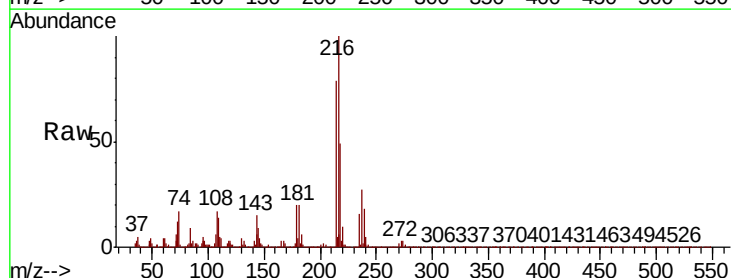
Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Tgt Ion:216 Resp: 776823

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.2	94.8
179	20.4	16.6	24.8
108	20.9	14.9	22.3

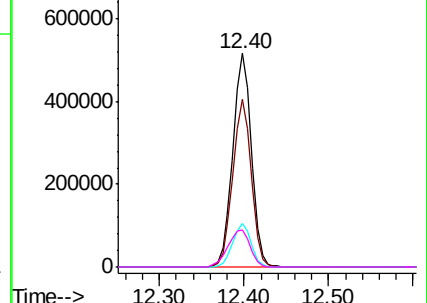
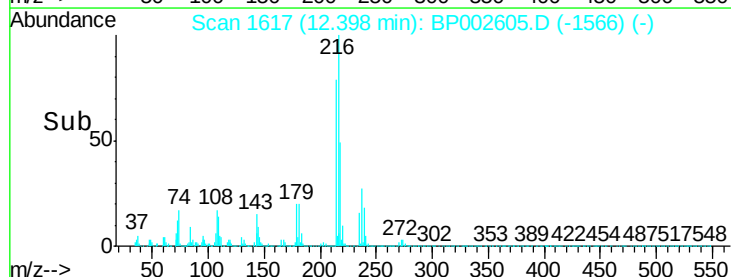


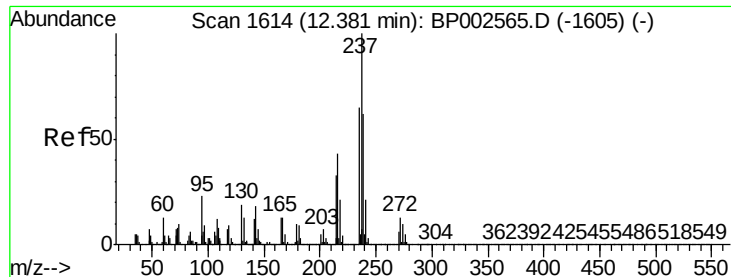
Abundance Ion 216.00 (215.70 to 216.70): E

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

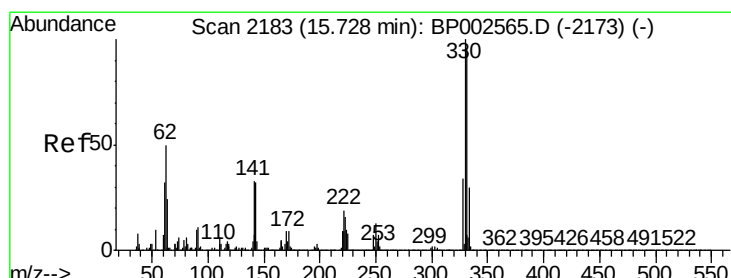
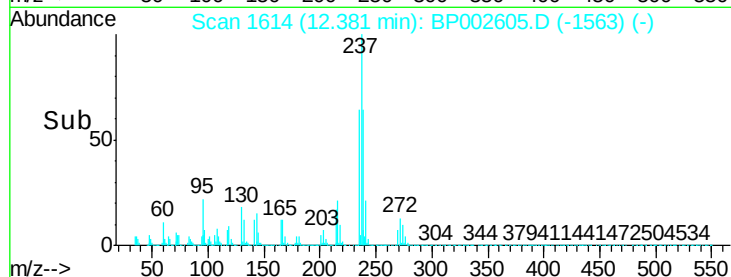
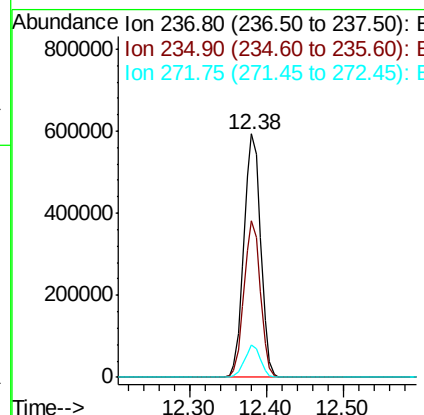
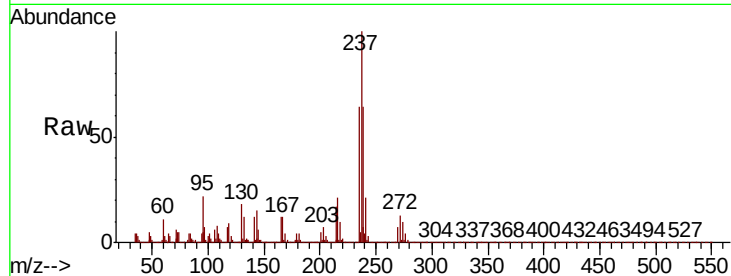




#41
Hexachlorocyclopentadiene
Concen: 94.115 ng
RT: 12.38 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

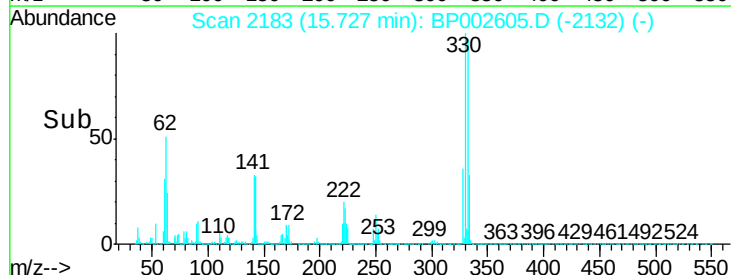
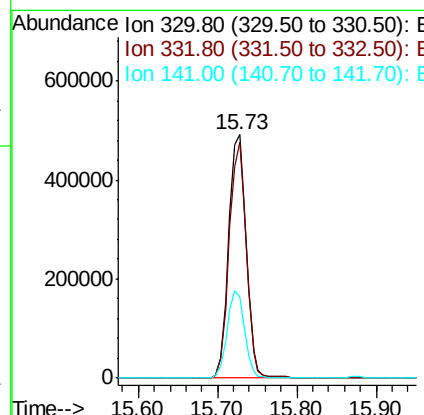
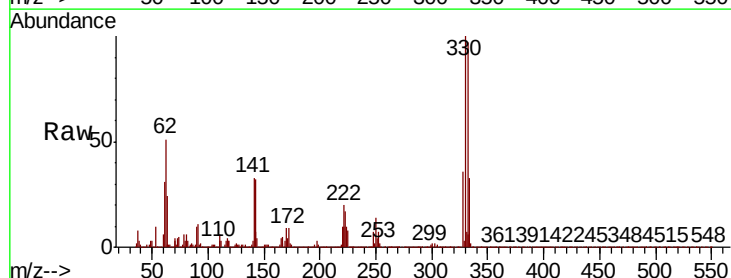
Instrument :
BNA_P
ClientSampleId :
PB129897BSD

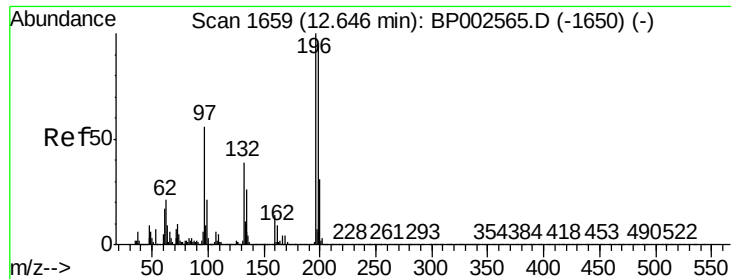
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.4	45.4	85.4
272	13.3	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 106.179 ng
RT: 15.73 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.7	116.5
141	35.2	29.0	43.6

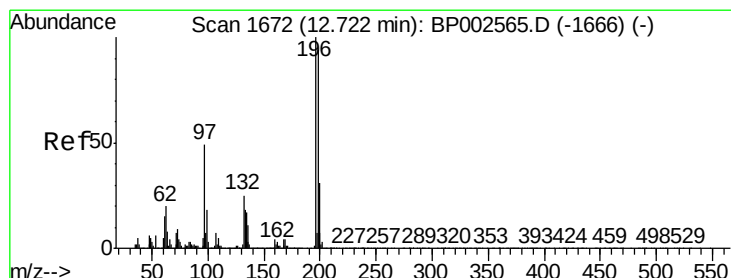
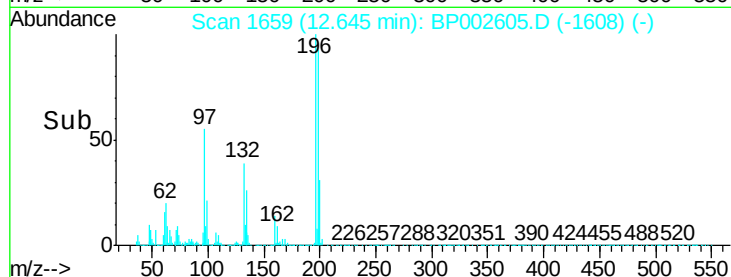
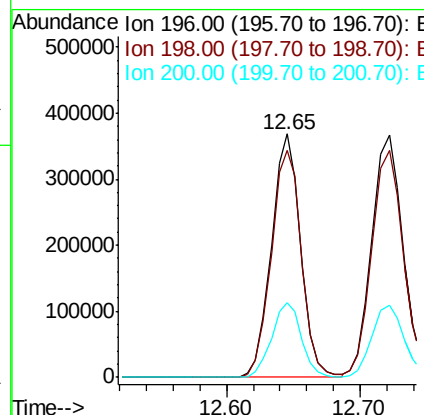
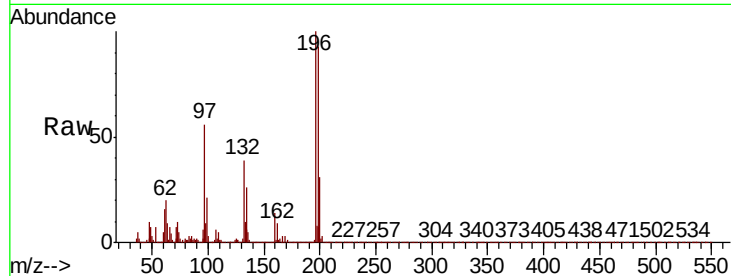




#43
 2,4,6-Trichlorophenol
 Concen: 45.228 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BP002605.D
 Acq: 01 Jul 2020 15:35

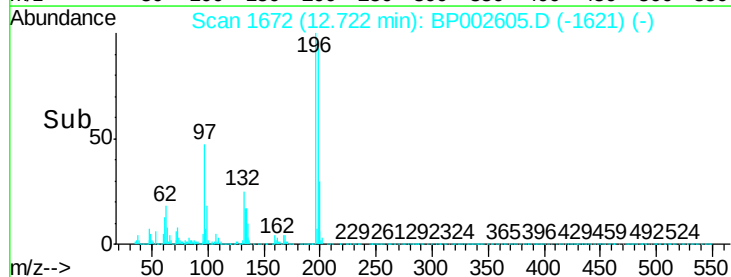
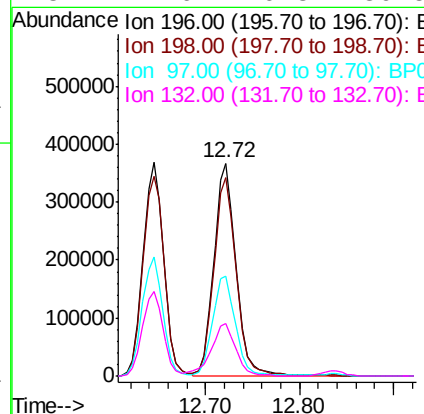
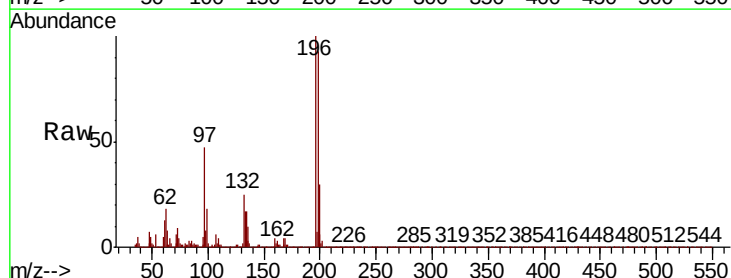
Instrument :
 BNA_P
 ClientSampleId :
 PB129897BSD

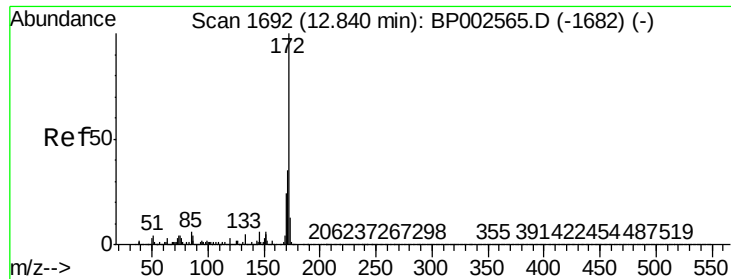
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.3	112.9
200	30.7	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 42.401 ng
 RT: 12.72 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BP002605.D
 Acq: 01 Jul 2020 15:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.4	113.0
97	47.0	39.3	58.9
132	24.6	20.3	30.5

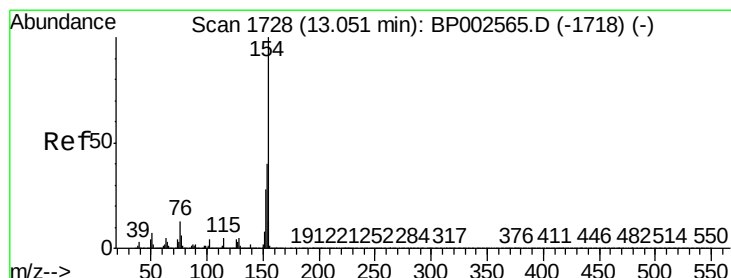
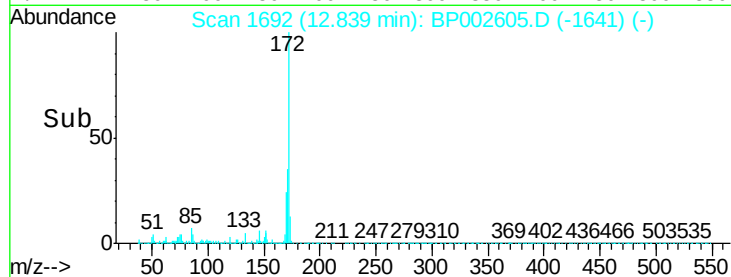
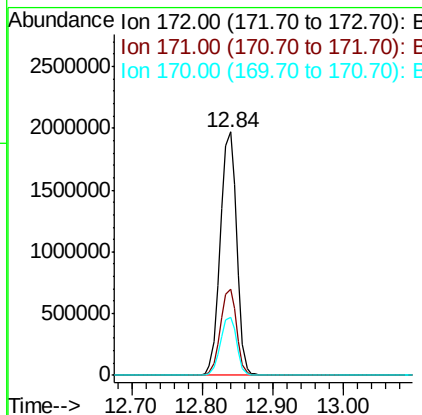
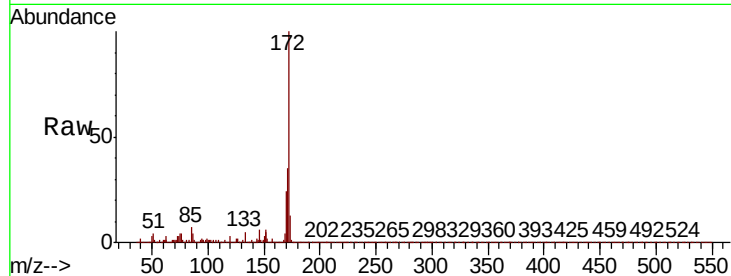




#45
2-Fluorobiphenyl
Concen: 79.805 ng
RT: 12.84 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

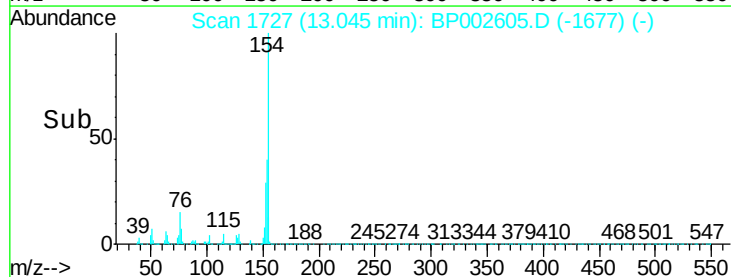
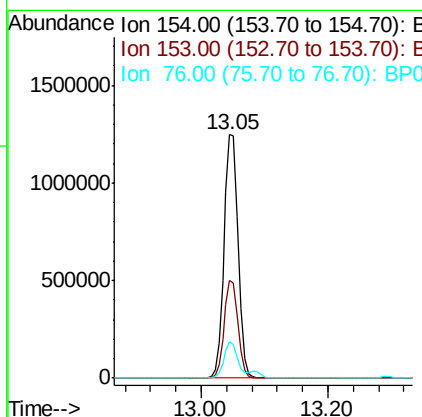
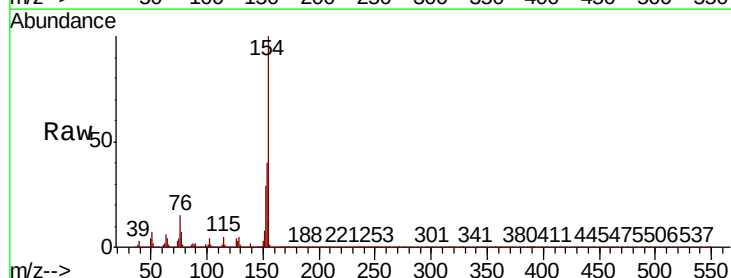
Instrument :
BNA_P
ClientSampleId :
PB129897BSD

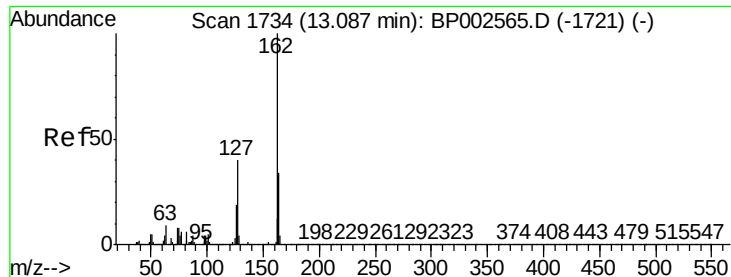
Tot Ion:172 Resp: 3182243
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.794 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion:154 Resp: 1944210
Ion Ratio Lower Upper
154 100
153 40.2 20.0 60.0
76 14.8 0.0 33.0

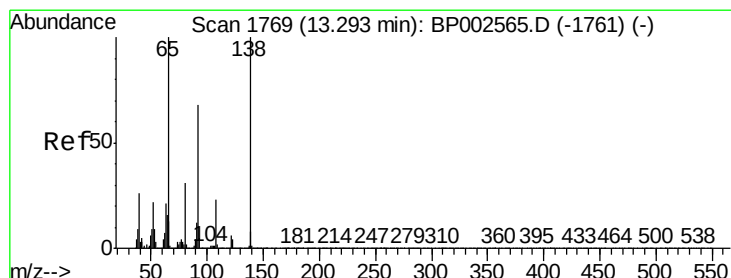
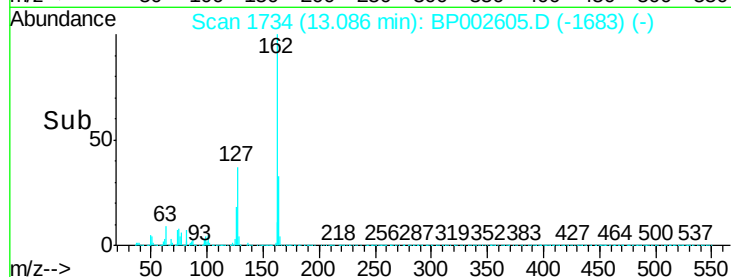
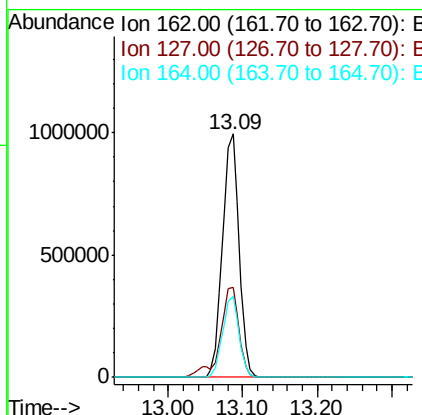
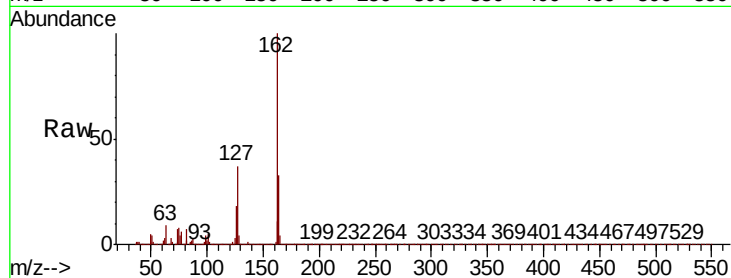




#47
2-Chloronaphthalene
Concen: 42.806 ng
RT: 13.09 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

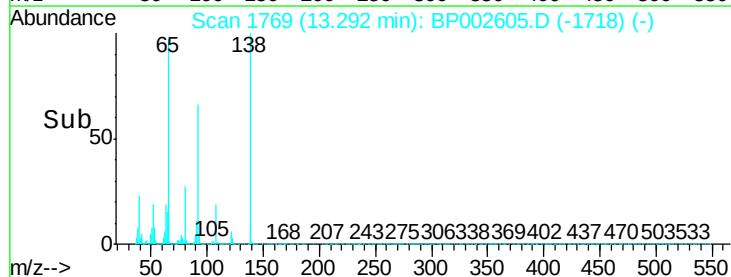
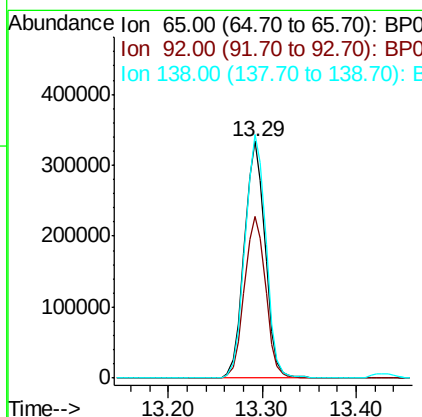
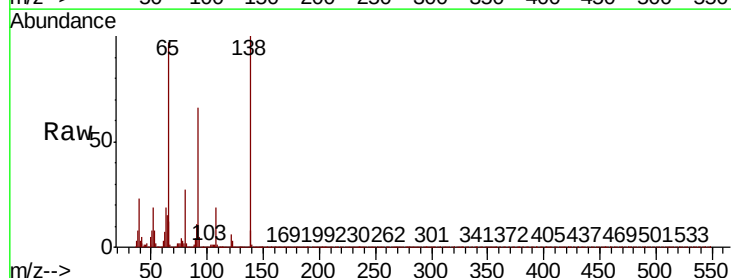
Instrument :
BNA_P
ClientSampleId :
PB129897BSD

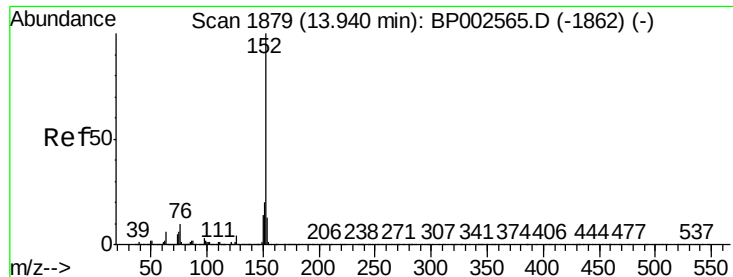
Tot Ion:162 Resp: 1546930
Ion Ratio Lower Upper
162 100
127 37.0 31.7 47.5
164 33.1 27.3 40.9



#48
2-Nitroaniline
Concen: 44.645 ng
RT: 13.29 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion: 65 Resp: 514708
Ion Ratio Lower Upper
65 100
92 68.0 54.2 81.4
138 102.7 79.8 119.8





#49

Acenaphthylene

Concen: 43.218 ng

RT: 13.94 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

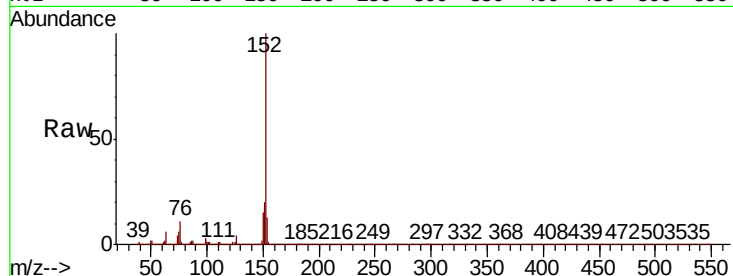
BNA_P

ClientSampleId :

PB129897BSD

Tot Ion:152 Resp: 2458002

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.0	10.2	15.2

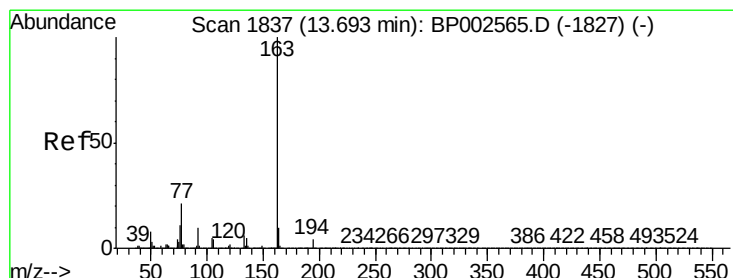
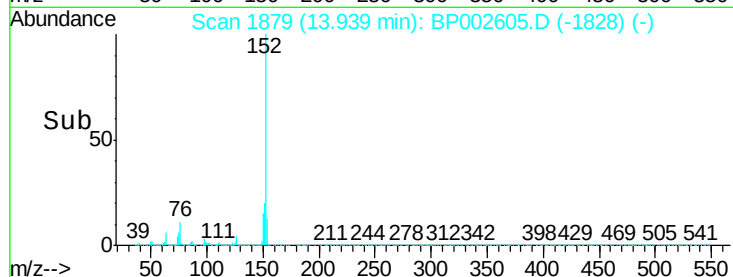
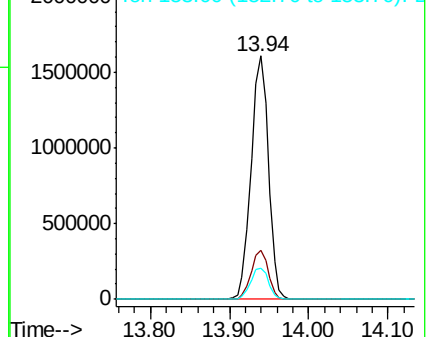


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.346 ng

RT: 13.69 min Scan# 1837

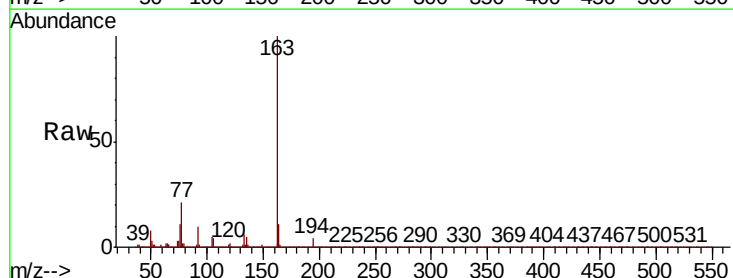
Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Tgt Ion:163 Resp: 1905881

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.6	8.2	12.4

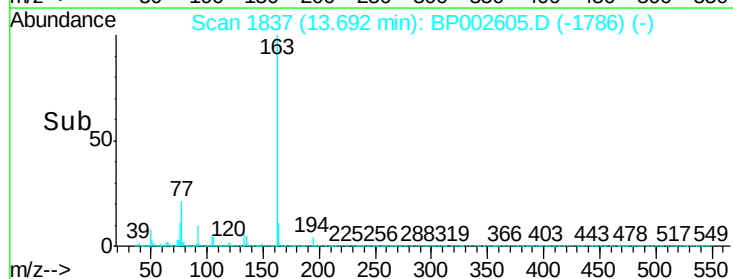
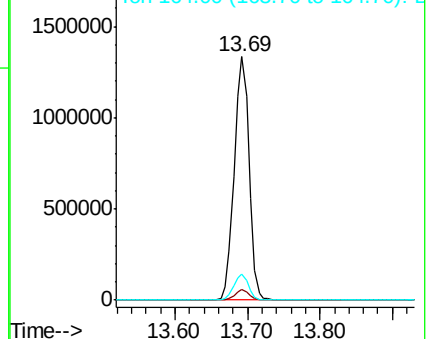


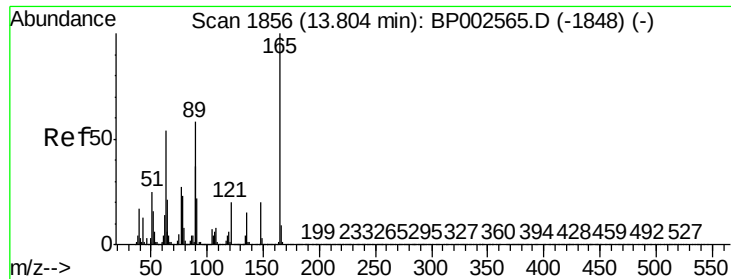
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

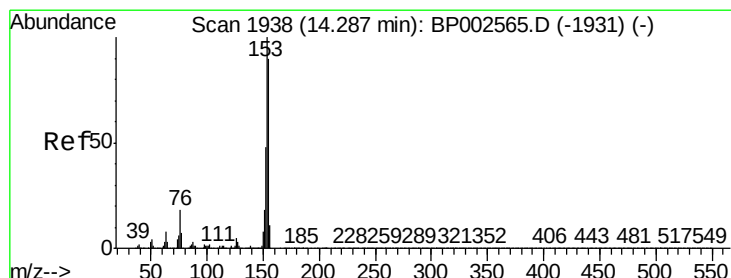
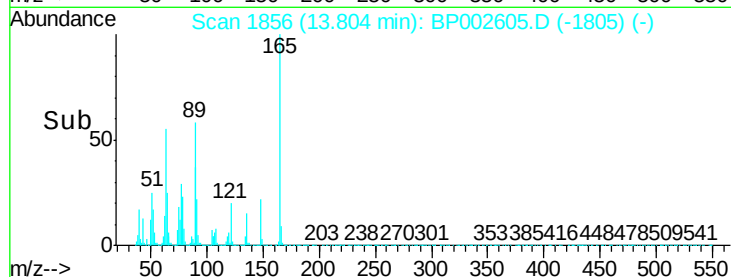
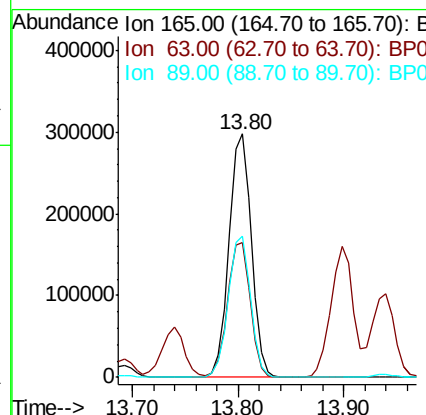
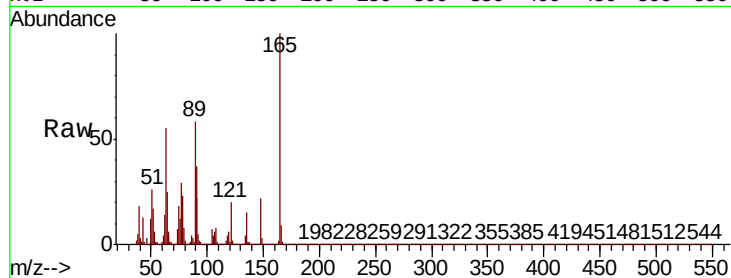




#51
 2,6-Dinitrotoluene
 Concen: 43.673 ng
 RT: 13.80 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: BP002605.D
 Acq: 01 Jul 2020 15:35

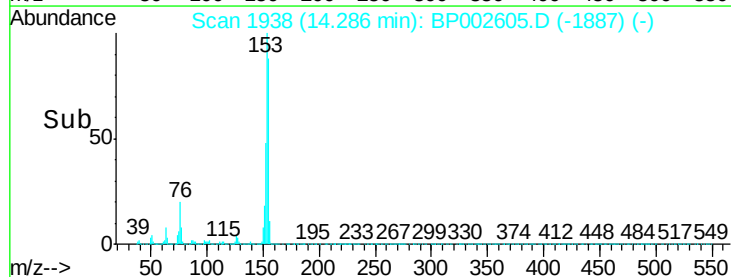
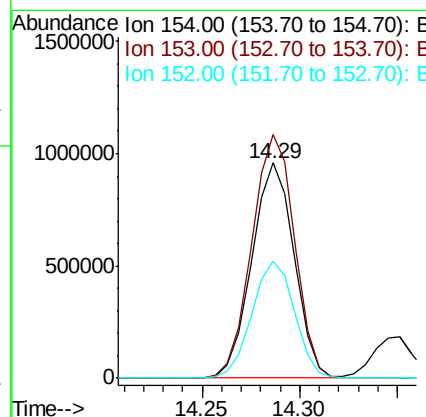
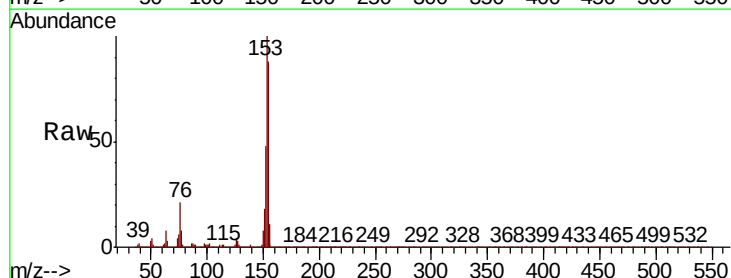
Instrument :
 BNA_P
 ClientSampleId :
 PB129897BSD

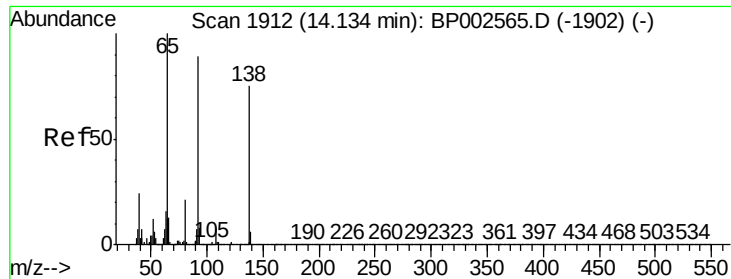
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.2	46.6	69.8
89	58.2	46.3	69.5



#52
 Acenaphthene
 Concen: 42.867 ng
 RT: 14.29 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BP002605.D
 Acq: 01 Jul 2020 15:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.1	133.7
152	54.4	43.2	64.8

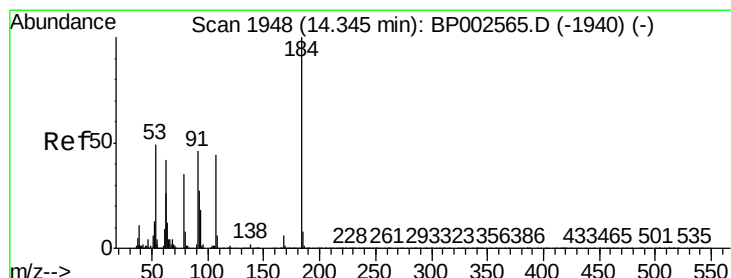
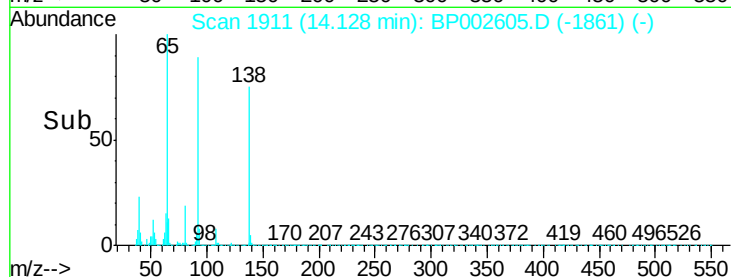
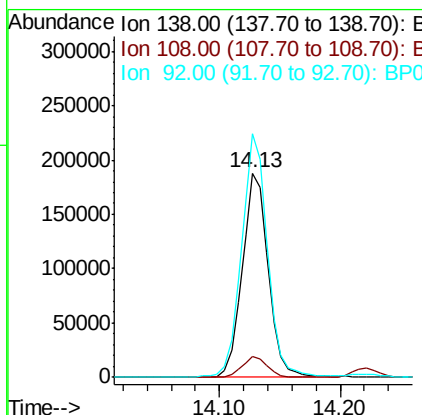
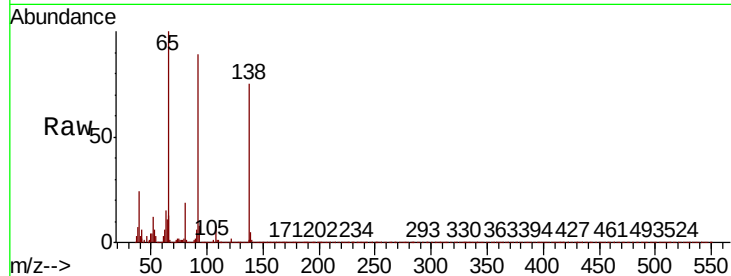




#53
 3-Nitroaniline
 Concen: 26.078 ng
 RT: 14.13 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BP002605.D
 Acq: 01 Jul 2020 15:35

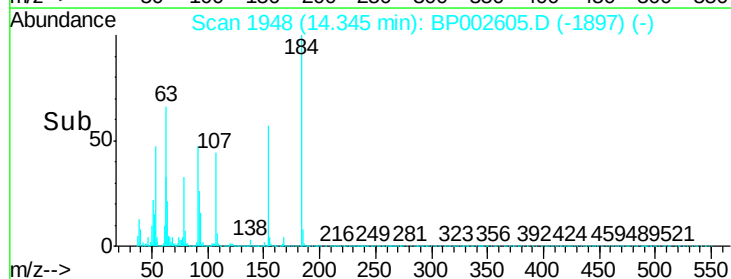
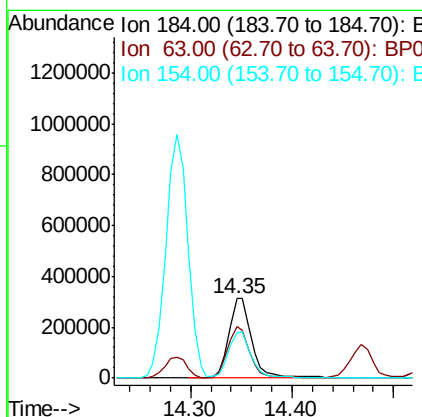
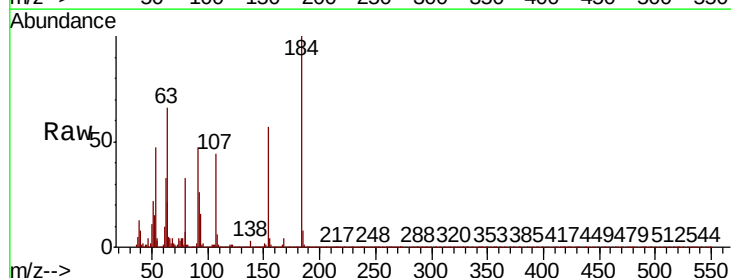
Instrument :
 BNA_P
 ClientSampleId :
 PB129897BSD

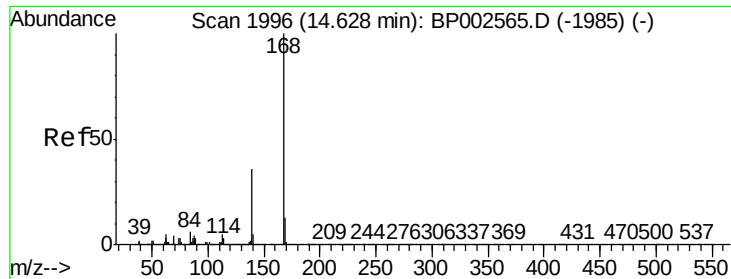
Tot Ion:138 Resp: 282689
 Ion Ratio Lower Upper
 138 100
 108 10.2 8.6 12.8
 92 119.1 94.9 142.3



#54
 2,4-Dinitrophenol
 Concen: 78.949 ng
 RT: 14.35 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: BP002605.D
 Acq: 01 Jul 2020 15:35

Tgt Ion:184 Resp: 489429
 Ion Ratio Lower Upper
 184 100
 63 65.9 56.2 84.2
 154 57.0 50.9 76.3





#55

Dibenzenofuran

Concen: 41.794 ng

RT: 14.63 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

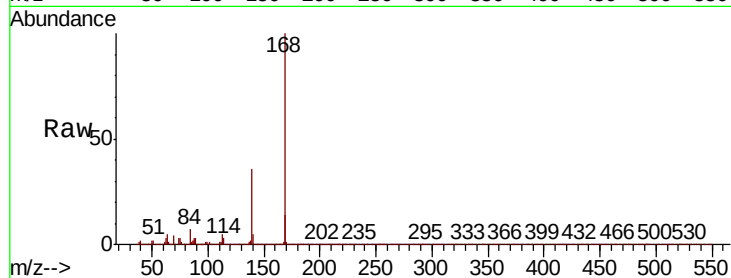
BNA_P

ClientSampleId :

PB129897BSD

Tot Ion:168 Resp: 2272748

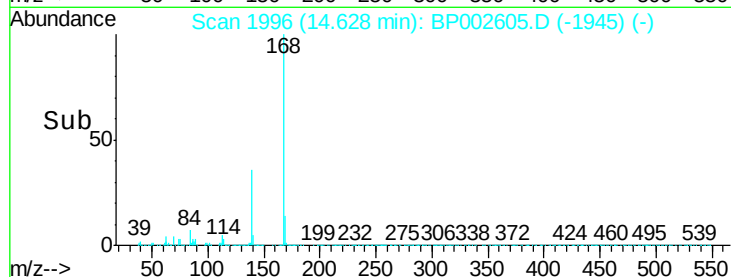
Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.3	43.9
169	13.6	10.6	15.8



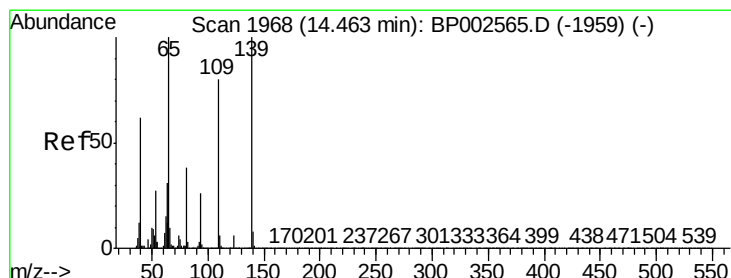
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time--> 14.50 14.60 14.70



#56

4-Nitrophenol

Concen: 81.558 ng

RT: 14.47 min Scan# 1969

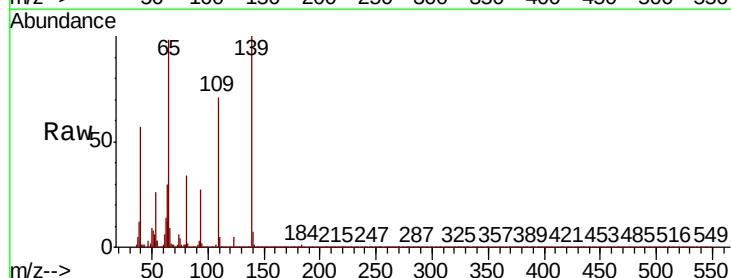
Delta R.T. 0.01 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Tgt Ion:139 Resp: 698328

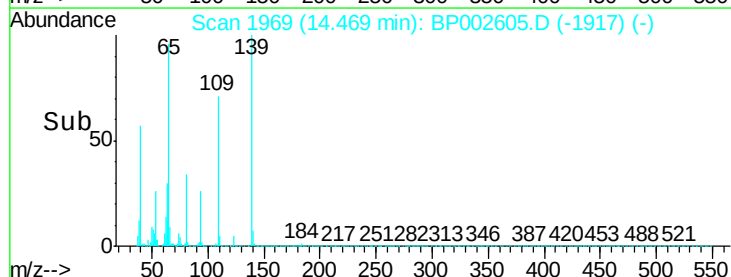
Ion	Ratio	Lower	Upper
139	100		
109	70.9	60.1	100.1
65	97.5	80.3	120.3



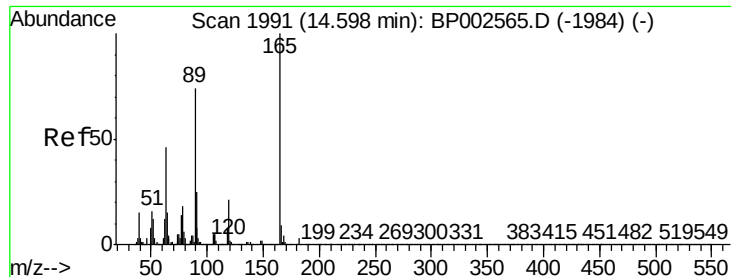
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0



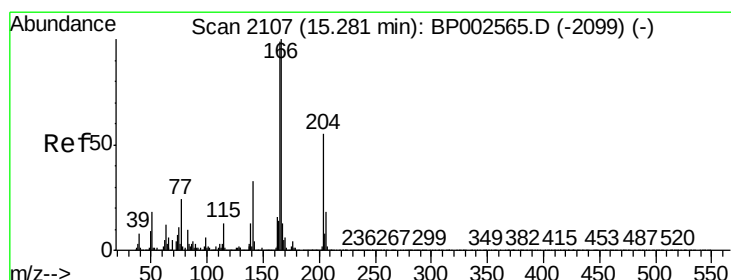
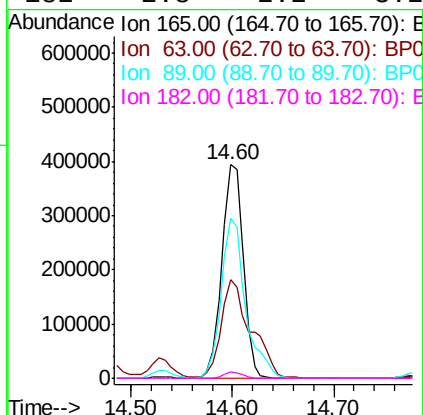
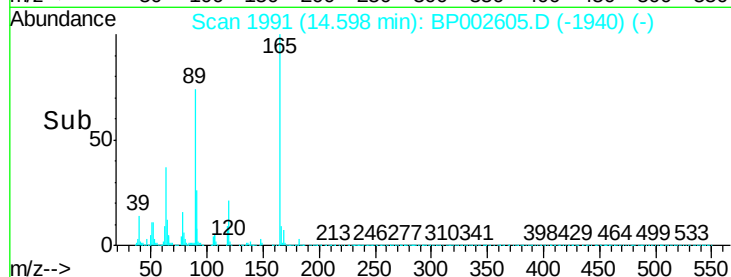
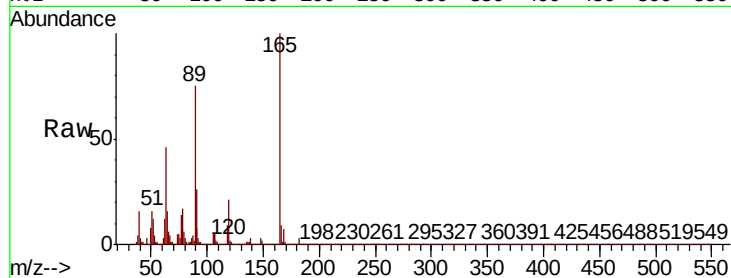
Time--> 14.40 14.50 14.60



#57
2,4-Dinitrotoluene
Concen: 43.255 ng
RT: 14.60 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

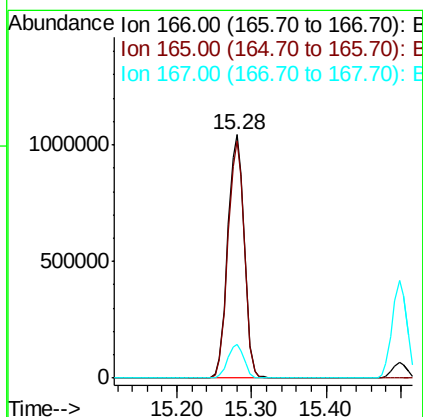
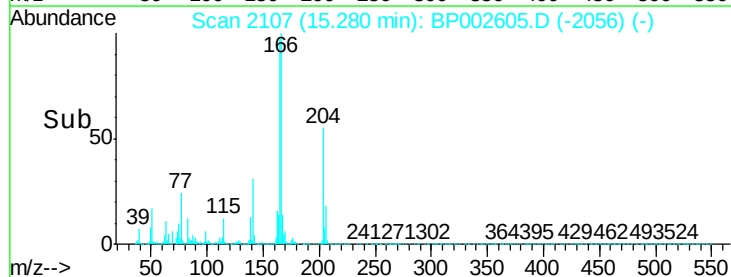
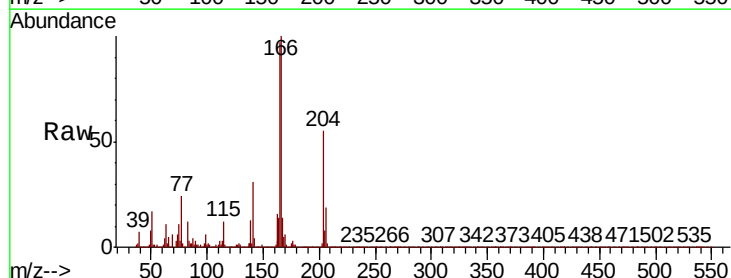
Instrument :
BNA_P
ClientSampleId :
PB129897BSD

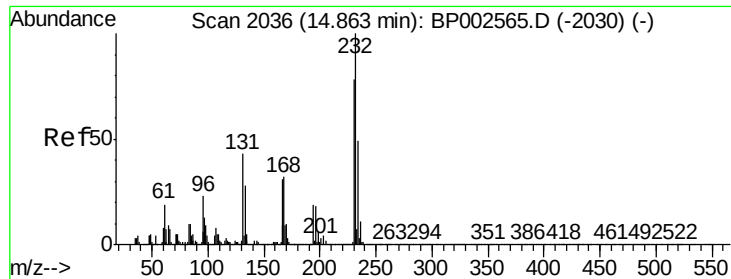
Tot Ion:165 Resp: 579281
Ion Ratio Lower Upper
165 100
63 46.1 37.3 55.9
89 75.0 59.4 89.0
182 2.8 2.2 3.2



#58
Fluorene
Concen: 38.987 ng
RT: 15.28 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion:166 Resp: 1614672
Ion Ratio Lower Upper
166 100
165 97.2 79.1 118.7
167 13.8 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.575 ng

RT: 14.86 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

BNA_P

ClientSampleId :

PB129897BSD

Tot Ion:232 Resp: 513991

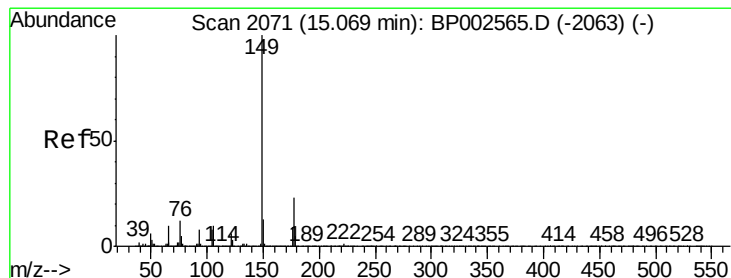
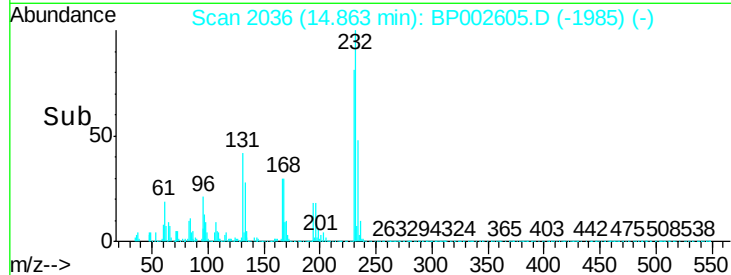
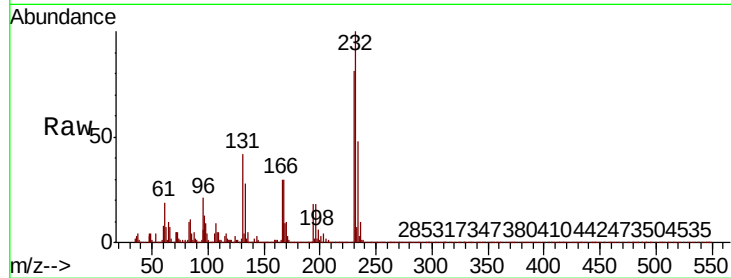
Ion	Ratio	Lower	Upper
232	100		
131	41.4	34.4	51.6
130	2.2	1.8	2.6
166	29.9	24.5	36.7

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.198 ng

RT: 15.07 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

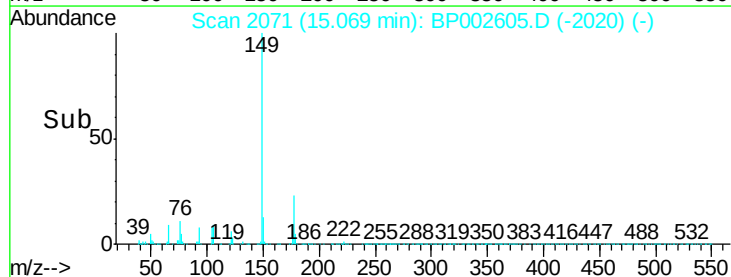
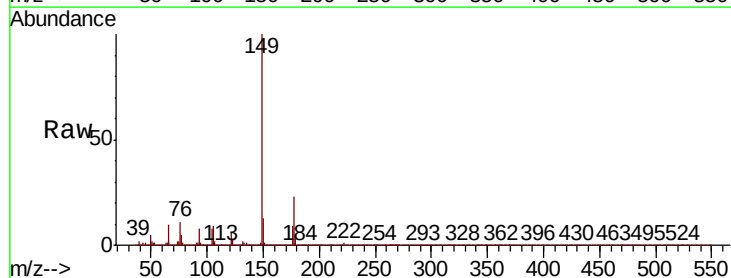
Tgt Ion:149 Resp: 1842582

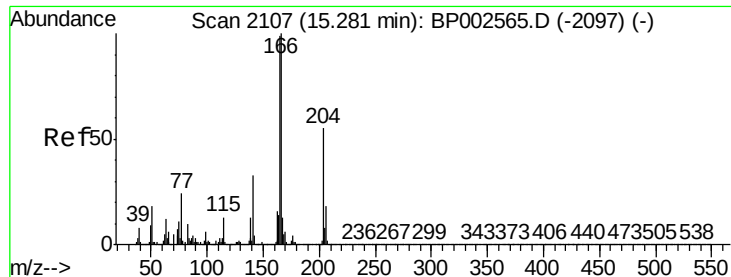
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.6	27.8
150	12.6	10.2	15.2

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

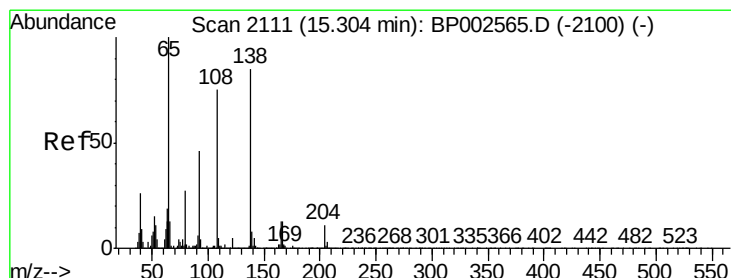
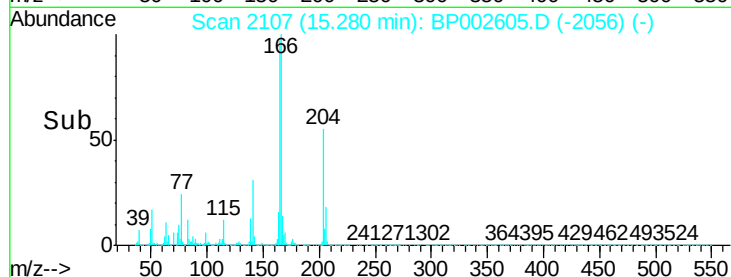
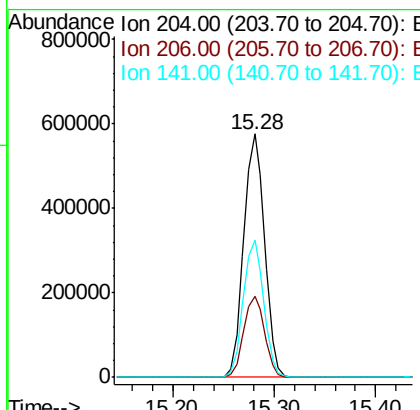
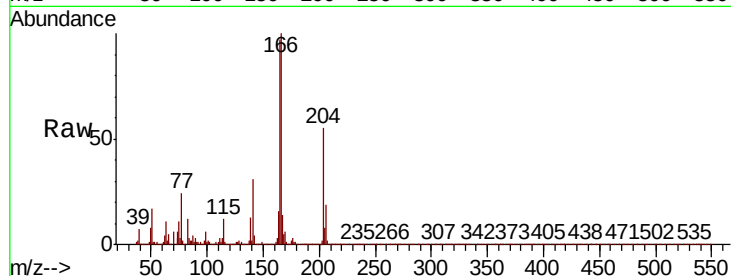




#61
4-Chlorophenyl-phenylether
Concen: 37.129 ng
RT: 15.28 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

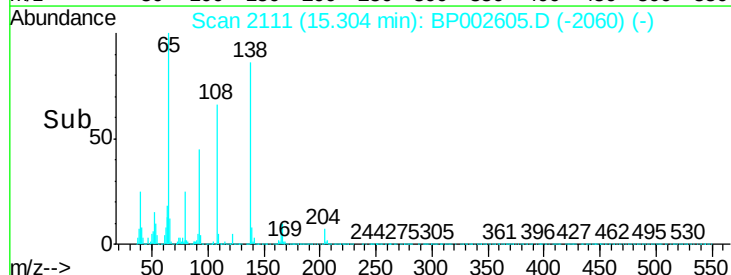
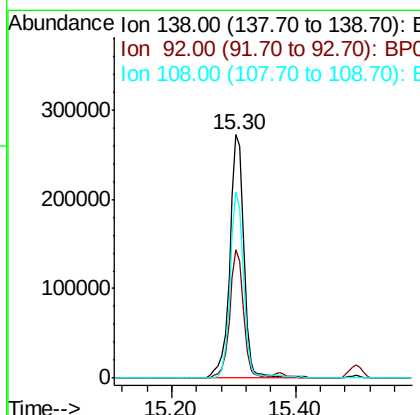
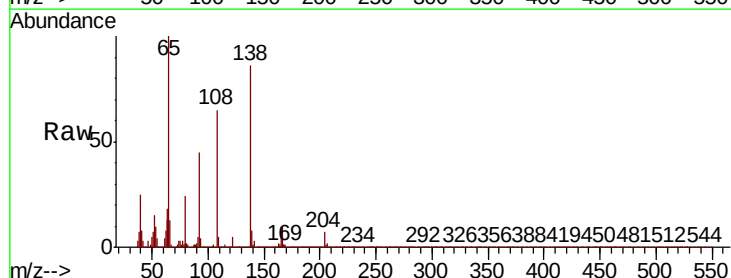
Instrument :
BNA_P
ClientSampleId :
PB129897BSD

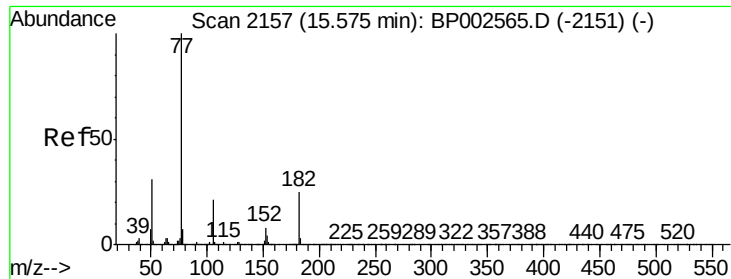
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	56.2	47.7	71.5



#62
4-Nitroaniline
Concen: 39.991 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	33.9	73.9
108	76.3	67.8	107.8



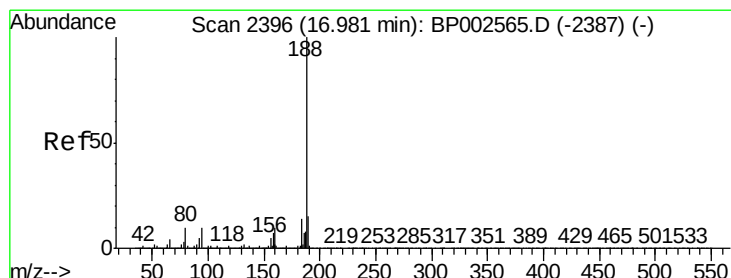
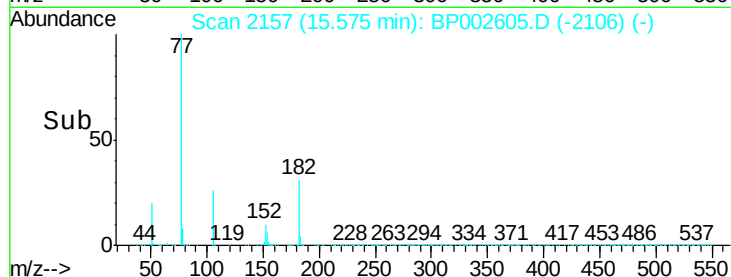
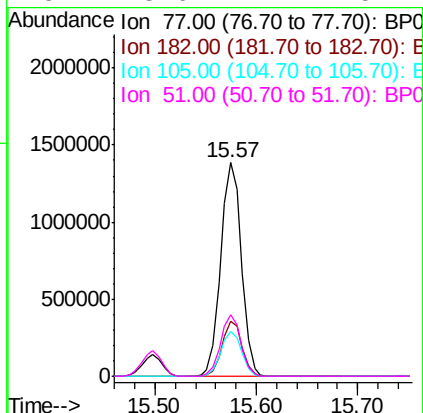
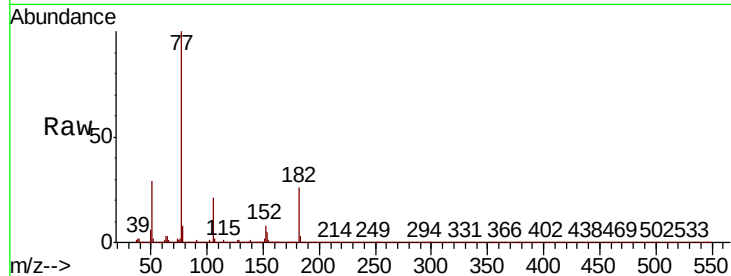


#63
Azobenzene
Concen: 44.112 ng
RT: 15.57 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Instrument :
BNA_P
ClientSampleId :
PB129897BSD

Tot Ion: 77 Resp: 1955076

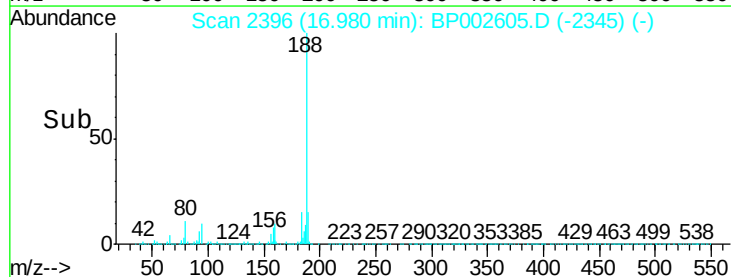
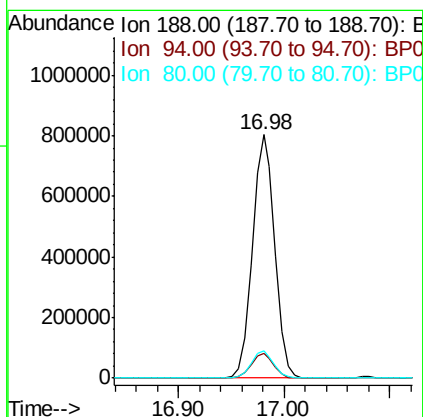
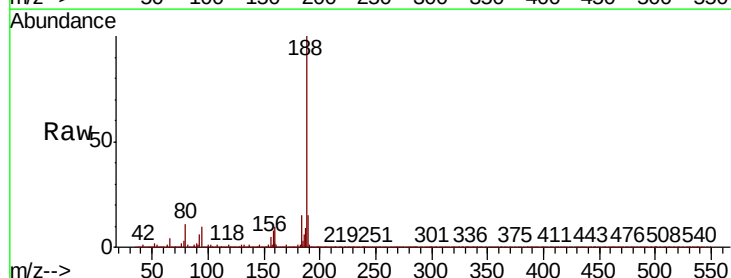
Ion	Ratio	Lower	Upper
77	100		
182	25.6	4.7	44.7
105	21.3	0.6	40.6
51	28.6	11.2	51.2

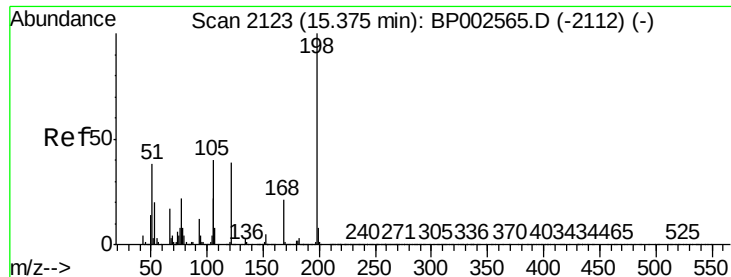


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion: 188 Resp: 1177659

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.8	11.6
80	11.0	8.2	12.4

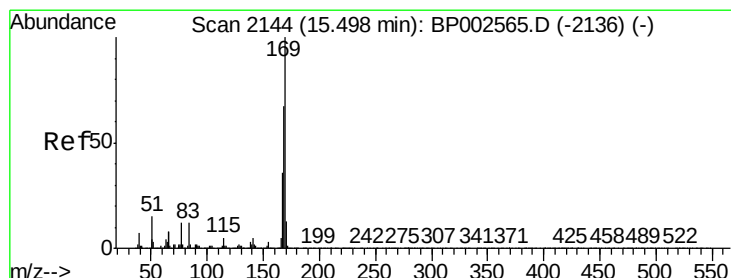
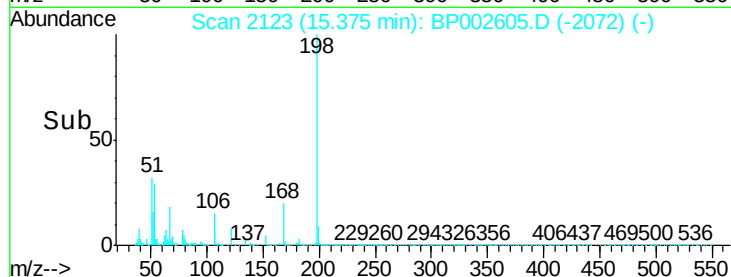
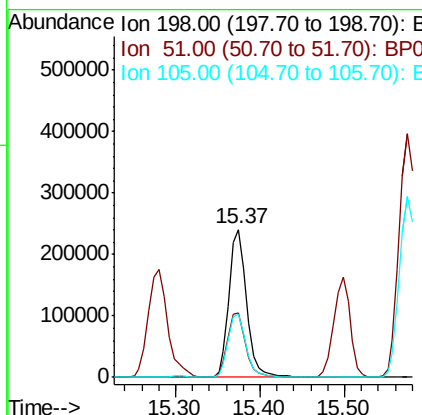
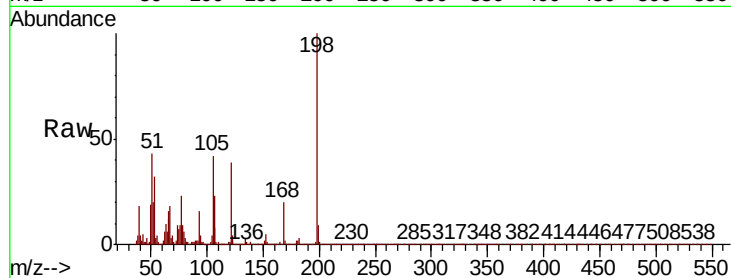




#65
4,6-Dinitro-2-methylphenol
Concen: 45.771 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

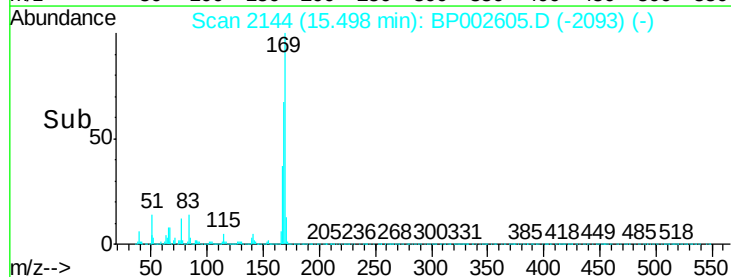
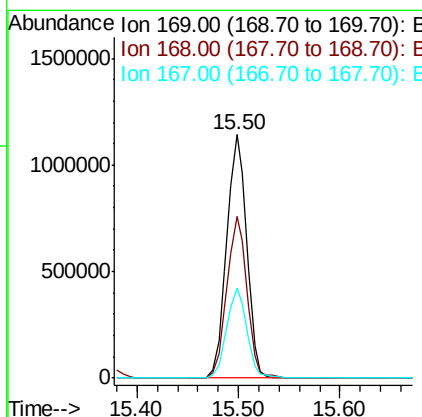
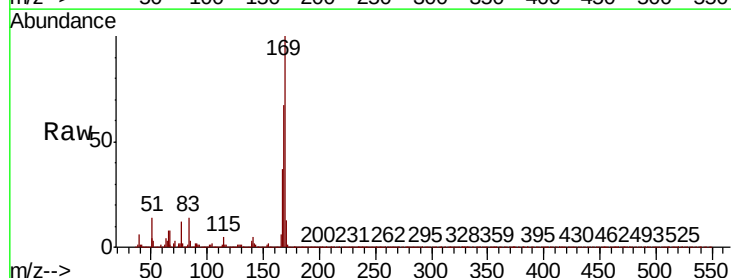
Instrument :
BNA_P
ClientSampleId :
PB129897BSD

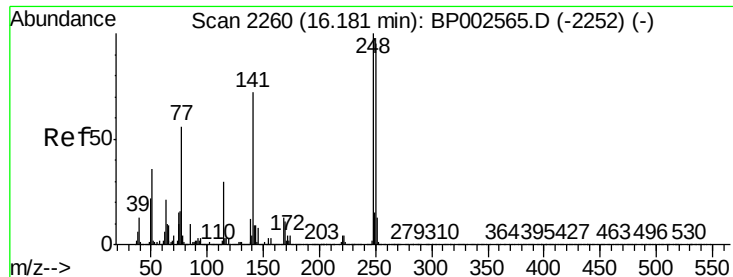
Tot Ion:198 Resp: 345926
Ion Ratio Lower Upper
198 100
51 43.4 24.2 64.2
105 42.3 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 45.513 ng
RT: 15.50 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion:169 Resp: 1564664
Ion Ratio Lower Upper
169 100
168 66.6 53.5 80.3
167 36.7 29.1 43.7

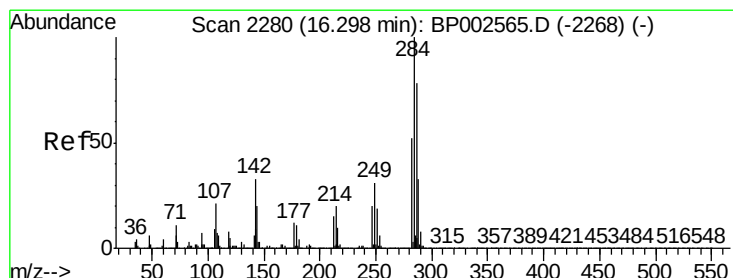
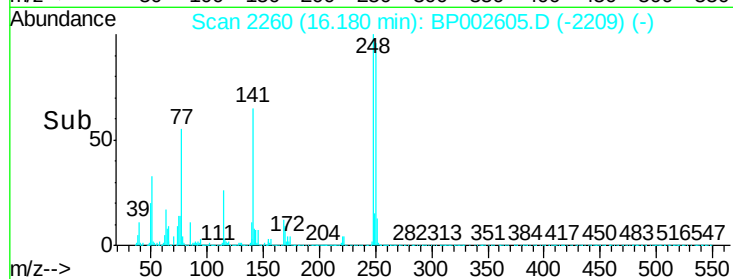
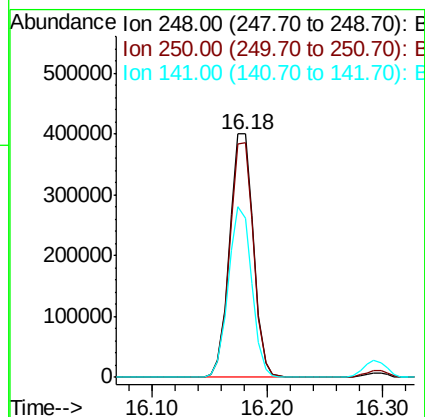
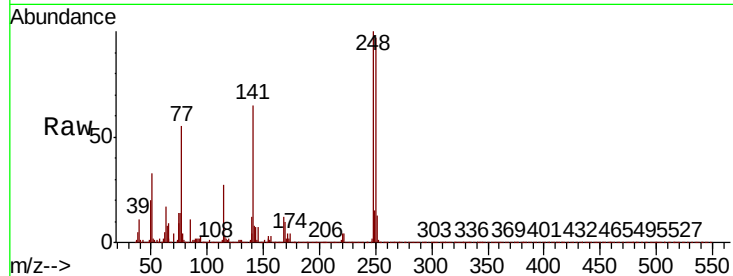




#67
4-Bromophenyl-phenylether
Concen: 43.132 ng
RT: 16.18 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

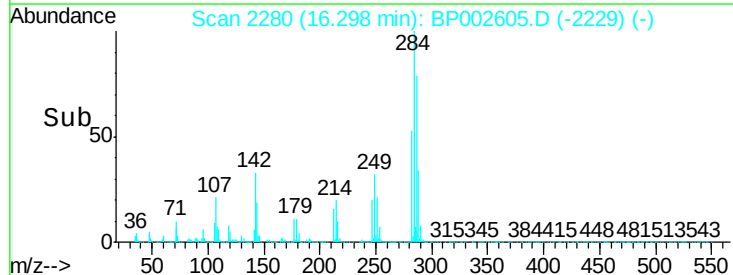
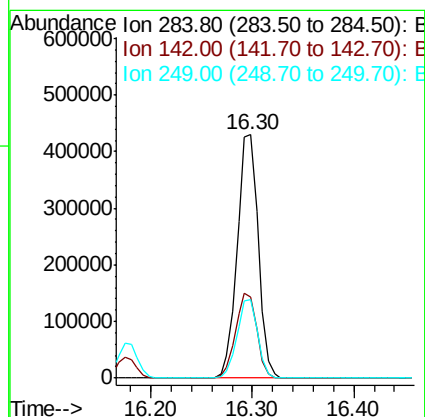
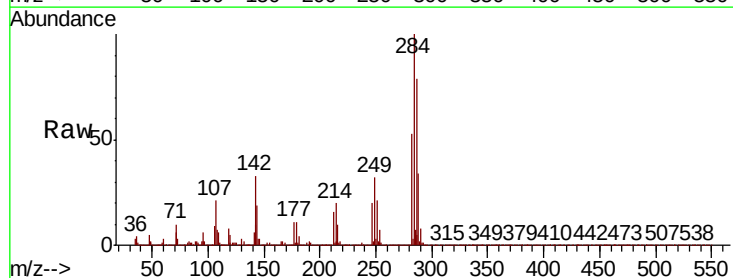
Instrument :
BNA_P
ClientSampleId :
PB129897BSD

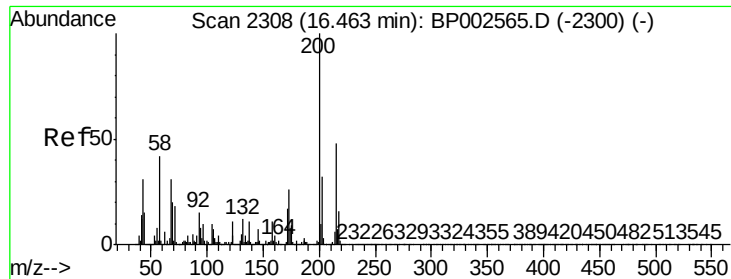
Tot Ion:248 Resp: 570801
Ion Ratio Lower Upper
248 100
250 96.6 76.1 114.1
141 65.4 57.8 86.6



#68
Hexachlorobenzene
Concen: 43.601 ng
RT: 16.30 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion:284 Resp: 618162
Ion Ratio Lower Upper
284 100
142 33.1 26.6 40.0
249 32.0 25.1 37.7





#69

Atrazine

Concen: 46.600 ng

RT: 16.46 min Scan# 2308

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

BNA_P

ClientSampleId :

PB129897BSD

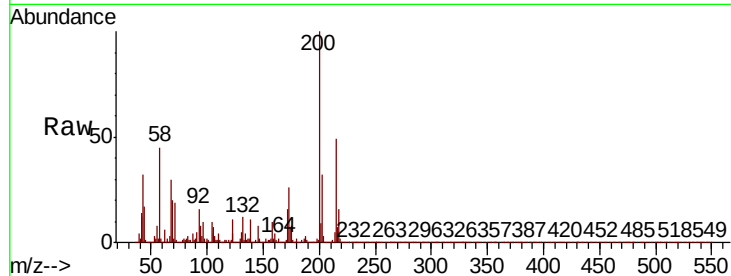
Tot Ion:200 Resp: 514049

Ion Ratio Lower Upper

200 100

173 26.3 6.3 46.3

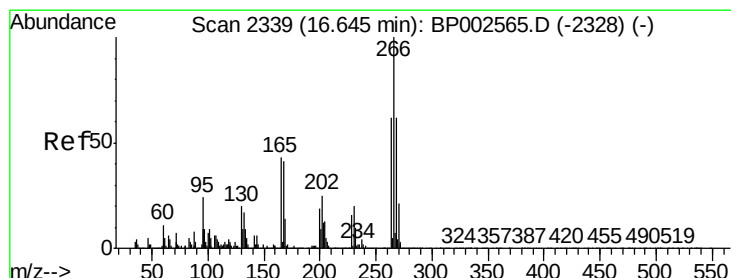
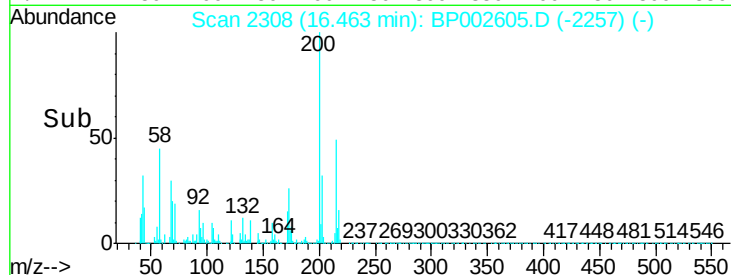
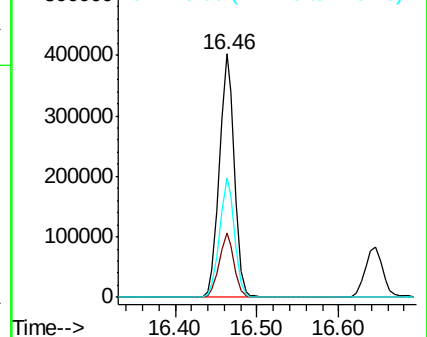
215 49.0 28.3 68.3



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: 84.969 ng

RT: 16.65 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

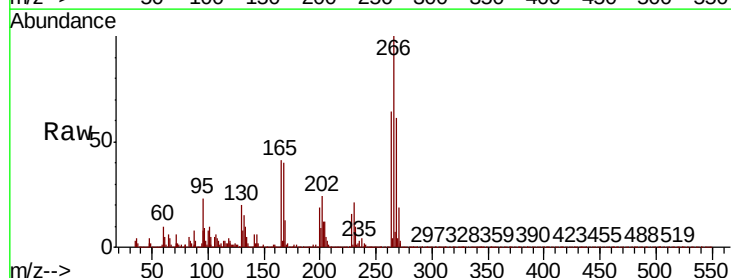
Tgt Ion:266 Resp: 689839

Ion Ratio Lower Upper

266 100

268 61.1 49.7 74.5

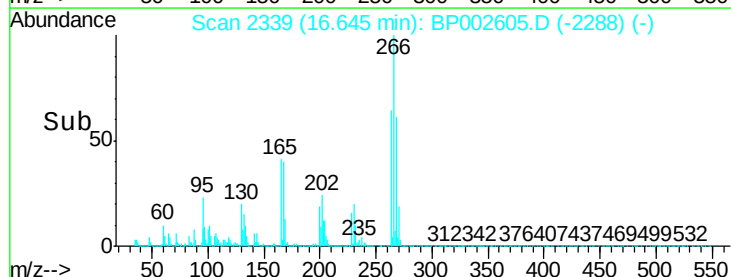
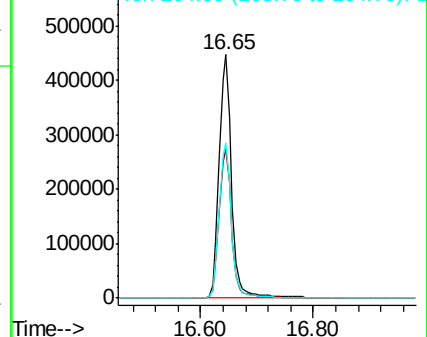
264 63.6 49.3 73.9

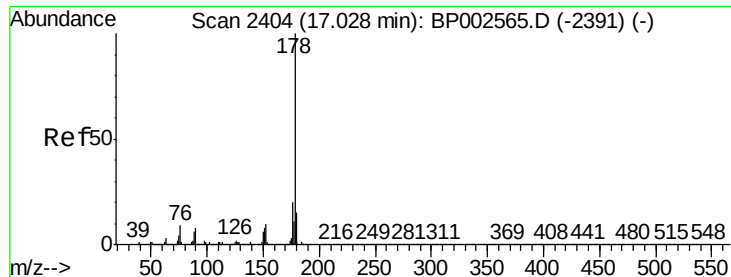


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.890 ng

RT: 17.03 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

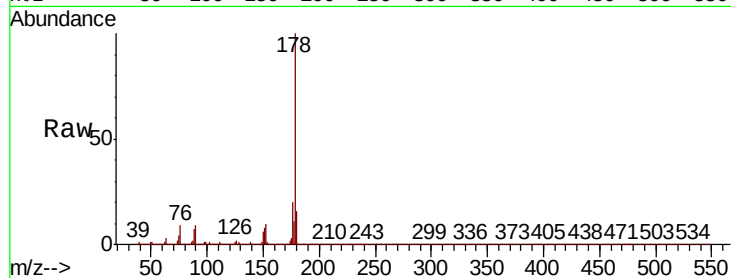
BNA_P

ClientSampleId :

PB129897BSD

Tot Ion:178 Resp: 2717631

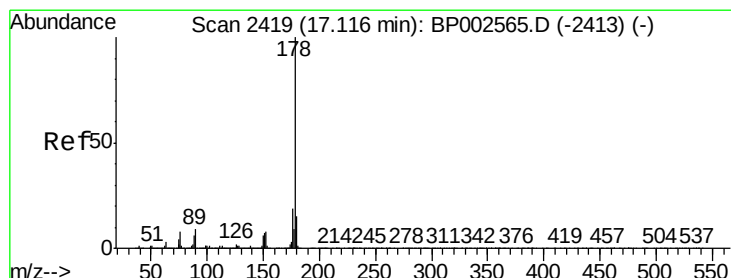
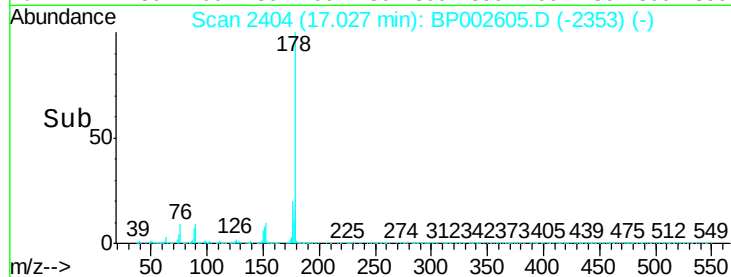
Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	15.7	12.1	18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.172 ng

RT: 17.12 min Scan# 2419

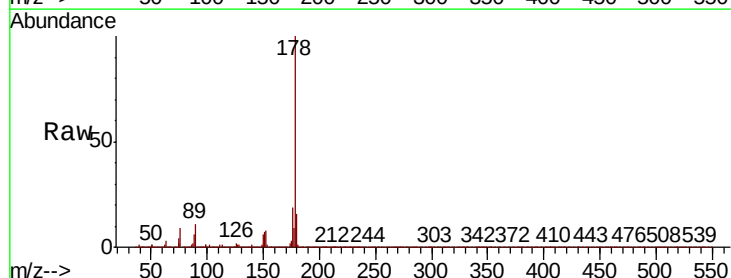
Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Tgt Ion:178 Resp: 2785177

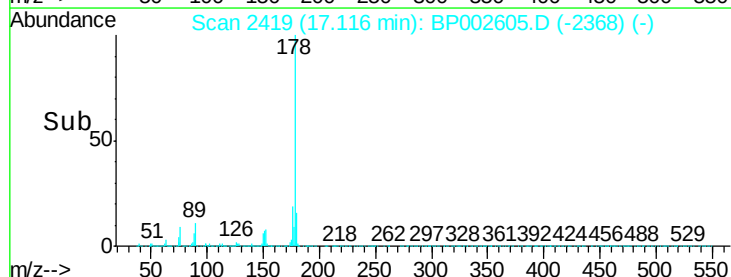
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	16.0	12.2	18.2

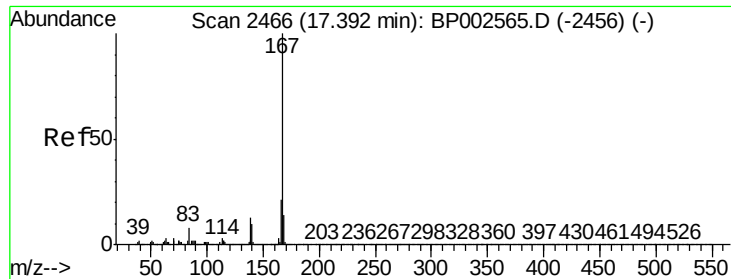


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

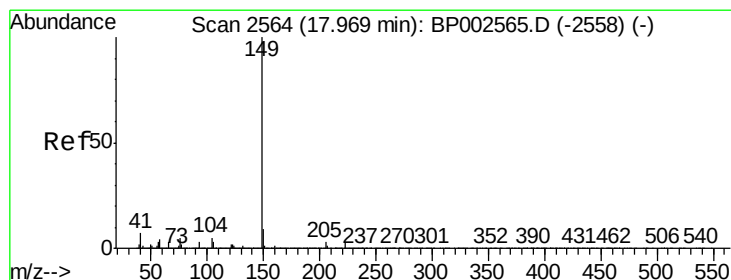
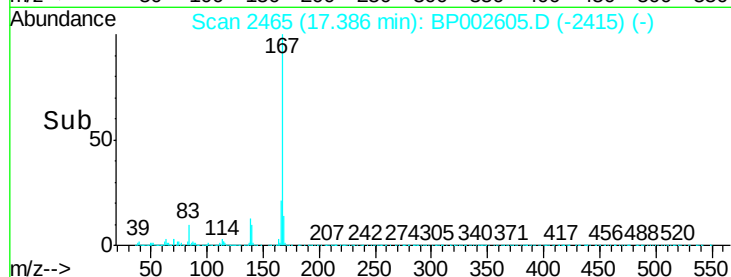
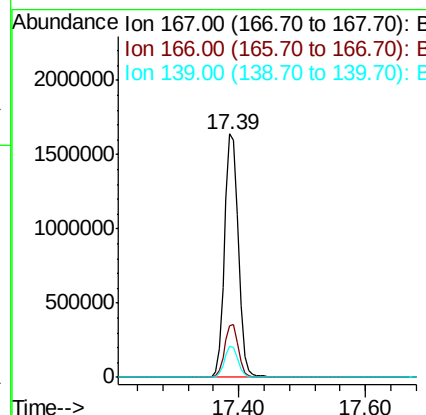
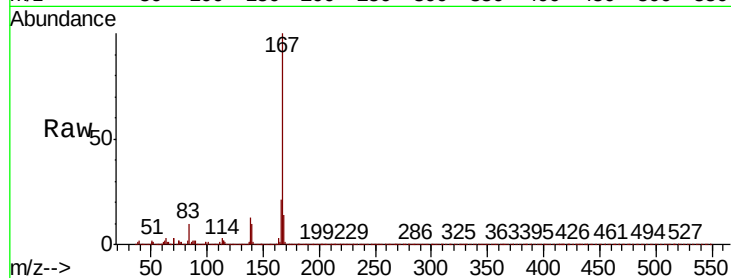




#73
 Carbazole
 Concen: 41.455 ng
 RT: 17.39 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BP002605.D
 Acq: 01 Jul 2020 15:35

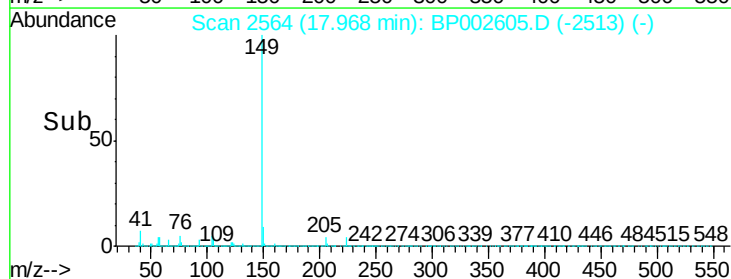
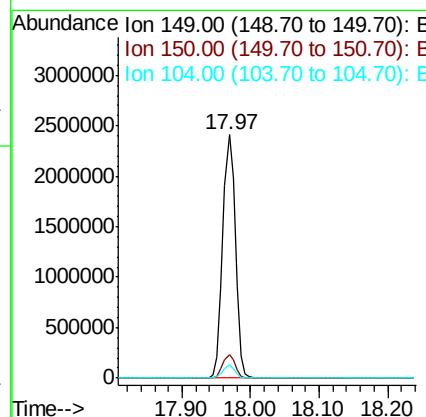
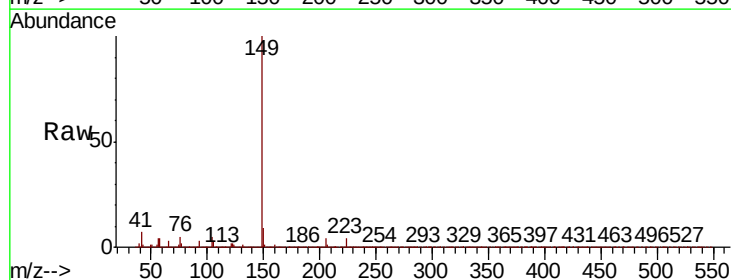
Instrument :
 BNA_P
 ClientSampleId :
 PB129897BSD

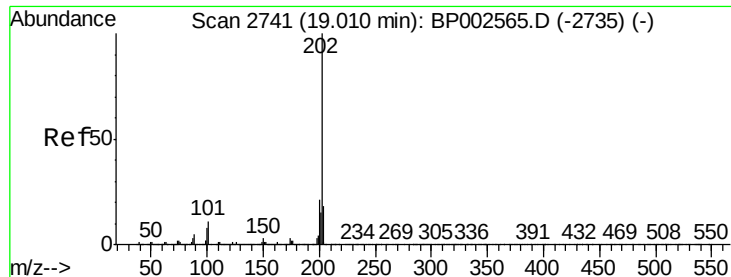
Tot Ion:167 Resp: 2526117
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.9 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 42.512 ng
 RT: 17.97 min Scan# 2564
 Delta R.T. -0.00 min
 Lab File: BP002605.D
 Acq: 01 Jul 2020 15:35

Tgt Ion:149 Resp: 3050847
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.2 4.2 6.4





#75

Fluoranthene

Concen: 41.068 ng

RT: 19.01 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

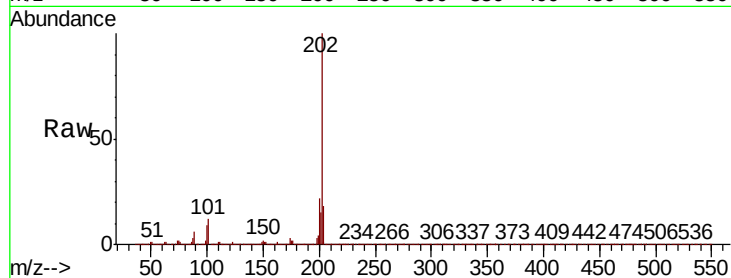
BNA_P

ClientSampleId :

PB129897BSD

Tot Ion:202 Resp: 3149787

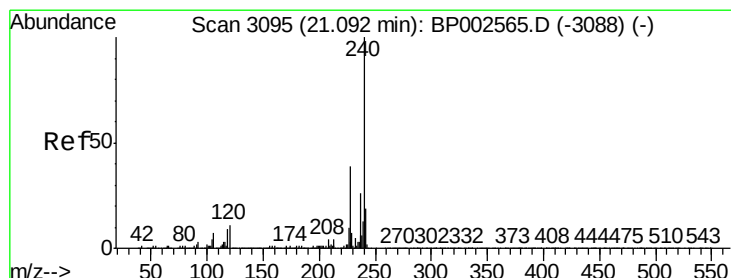
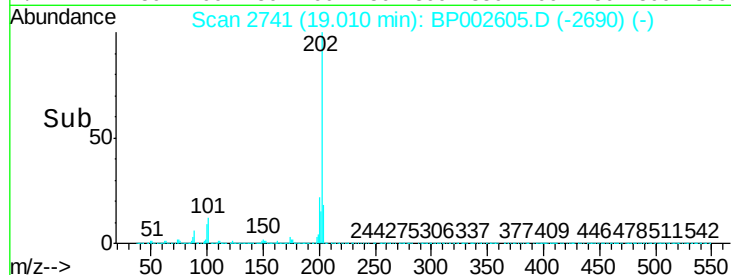
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.6
203	17.8	0.0	37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3095

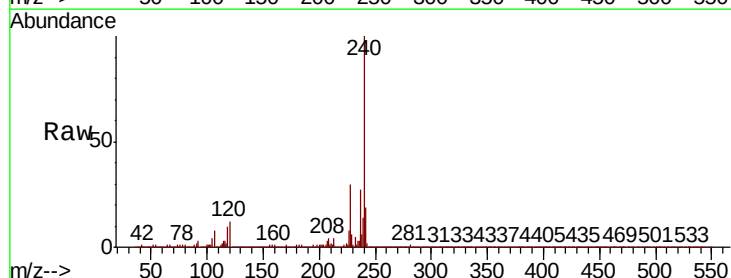
Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Tgt Ion:240 Resp: 906340

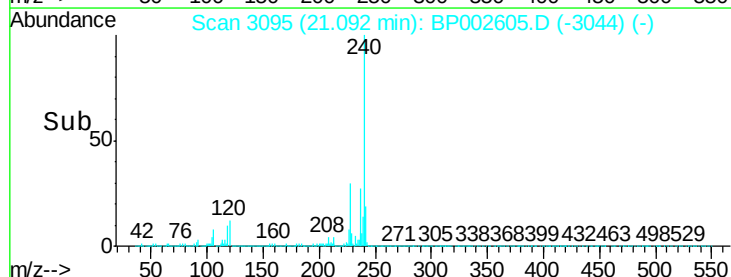
Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.6	13.0
236	26.8	20.8	31.2

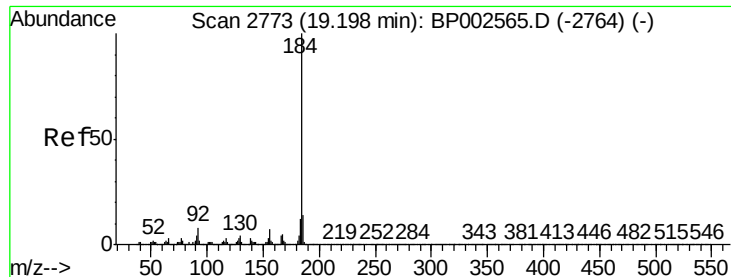


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

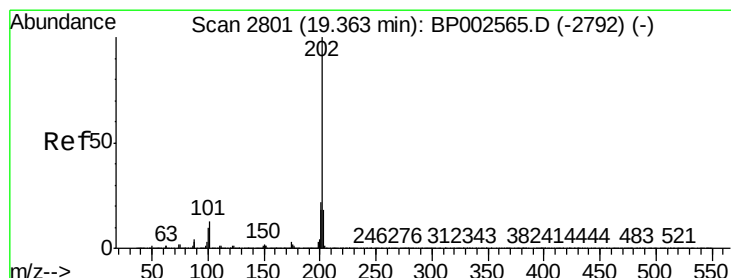
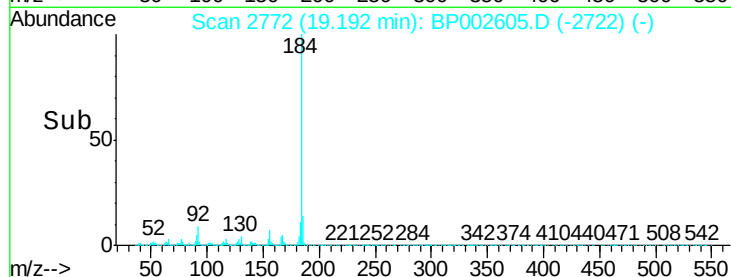
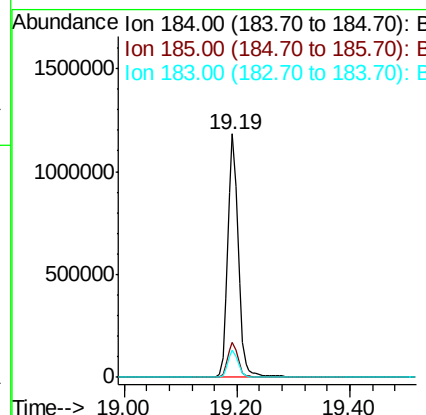
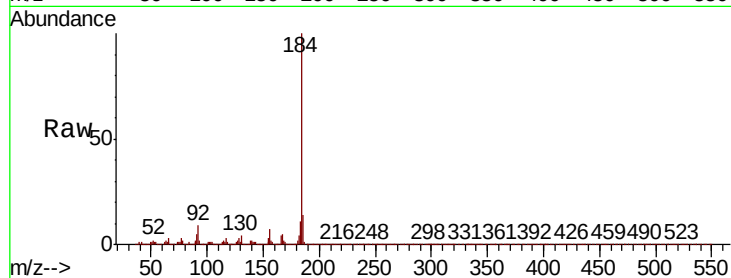




#77
Benzidine
Concen: Below Cal
RT: 19.19 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

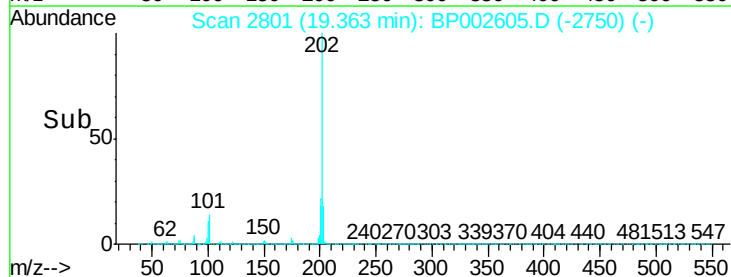
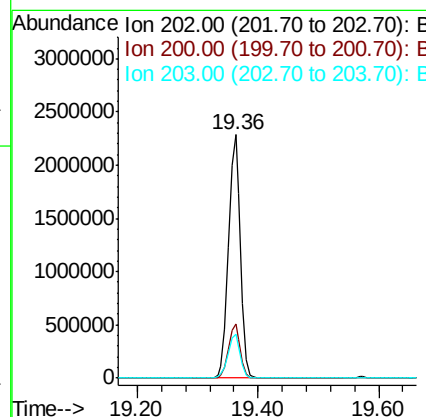
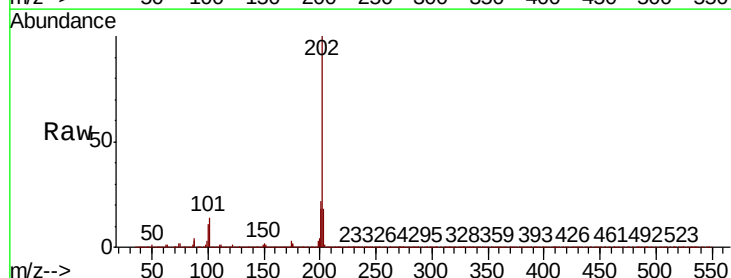
Instrument :
BNA_P
ClientSampleId :
PB129897BSD

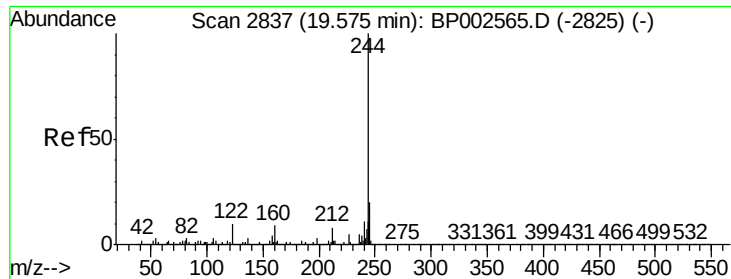
Tot Ion:184 Resp: 1548231
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.1 9.2 13.8



#78
Pyrene
Concen: 50.428 ng
RT: 19.36 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion:202 Resp: 3110988
Ion Ratio Lower Upper
202 100
200 22.5 17.6 26.4
203 18.1 14.4 21.6





#79

Terphenyl-d14

Concen: 91.386 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

BNA_P

ClientSampleId :

PB129897BSD

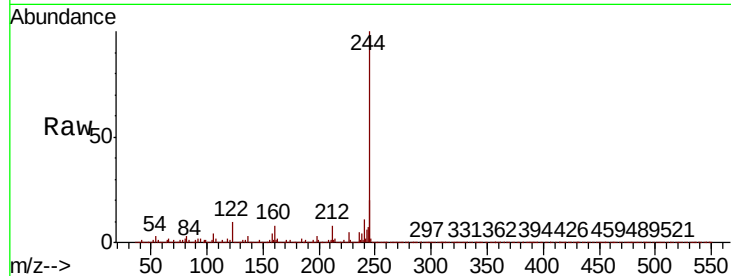
Tot Ion:244 Resp: 3837284

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

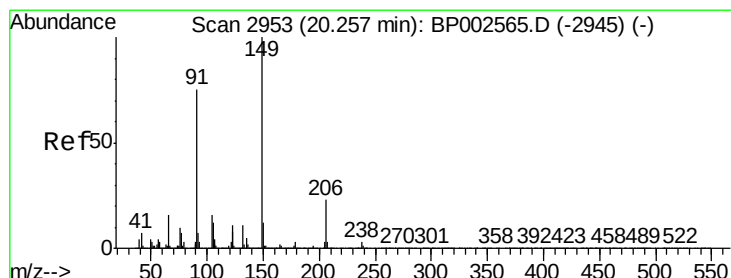
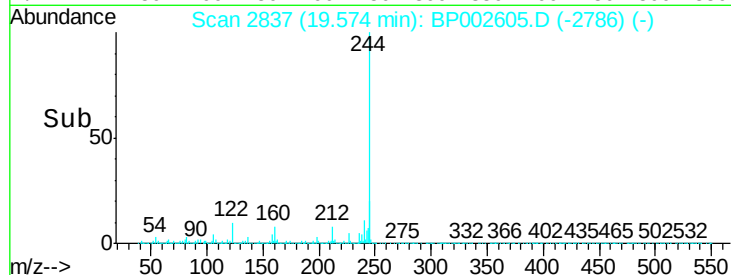
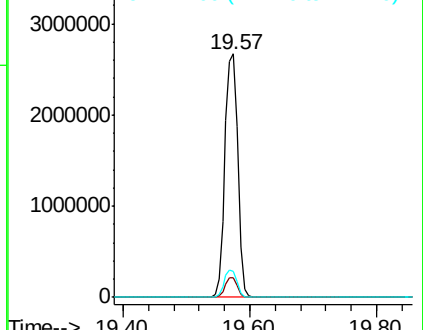
122 10.5 7.9 11.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.544 ng

RT: 20.26 min Scan# 2953

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

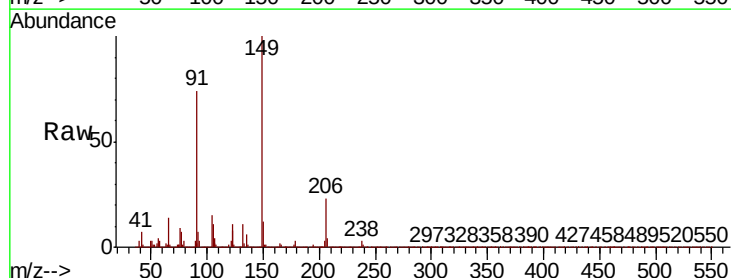
Tgt Ion:149 Resp: 1280486

Ion Ratio Lower Upper

149 100

91 74.0 59.8 89.6

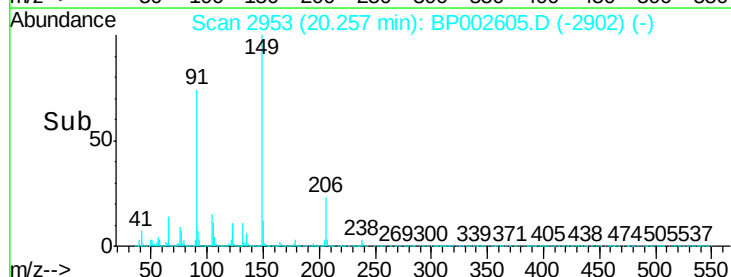
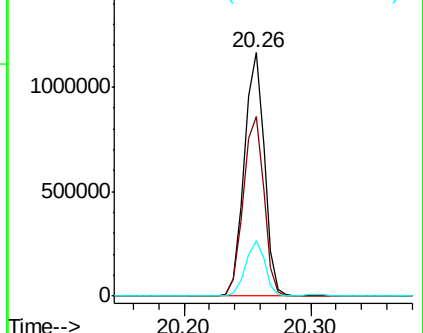
206 22.6 18.2 27.4

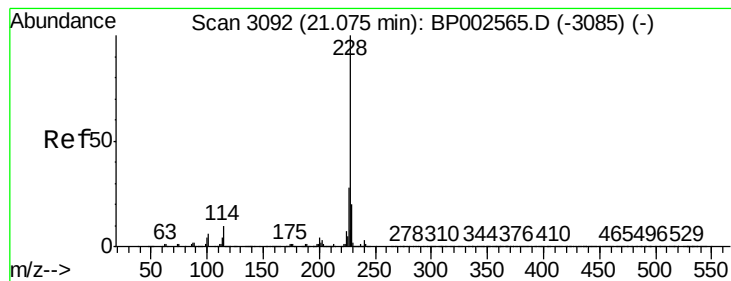


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.525 ng

RT: 21.07 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

BNA_P

ClientSampleId :

PB129897BSD

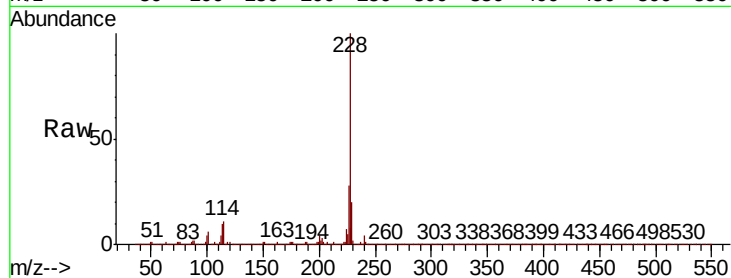
Tot Ion:228 Resp: 2638280

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	19.7	16.4	24.6

228 100

226 28.3 22.5 33.7

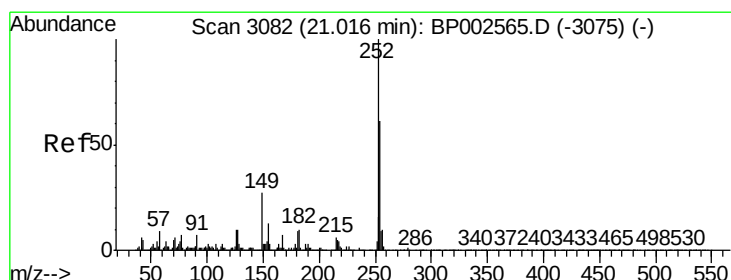
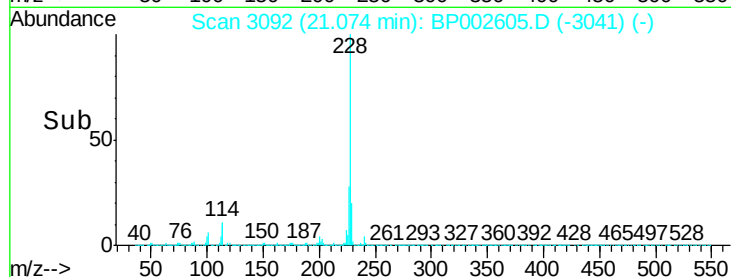
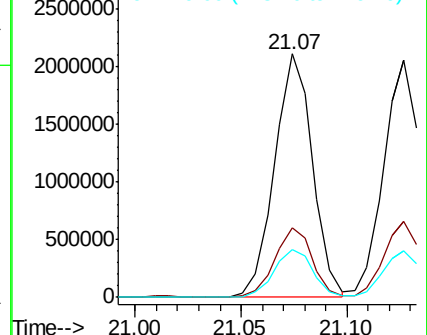
229 19.7 16.4 24.6



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: 33.117 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

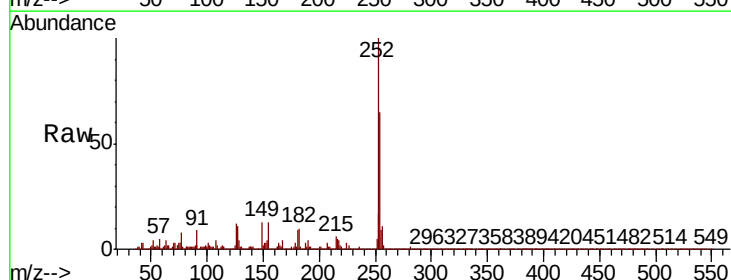
Tgt Ion:252 Resp: 718409

Ion	Ratio	Lower	Upper
252	100		
254	65.1	49.0	73.6
126	11.8	7.9	11.9

252 100

254 65.1 49.0 73.6

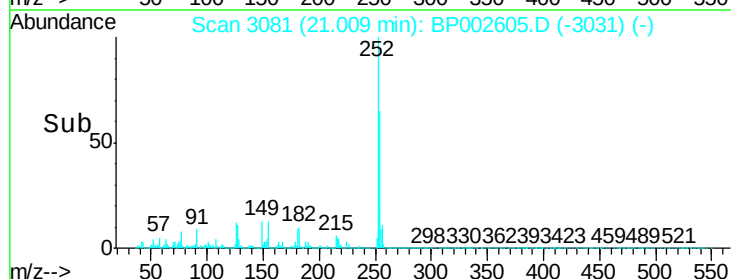
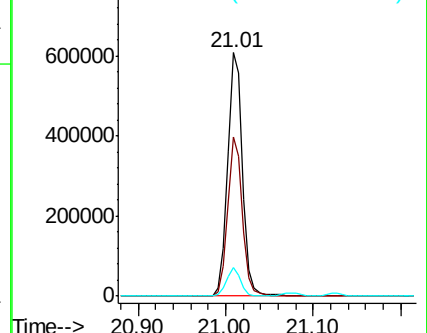
126 11.8 7.9 11.9

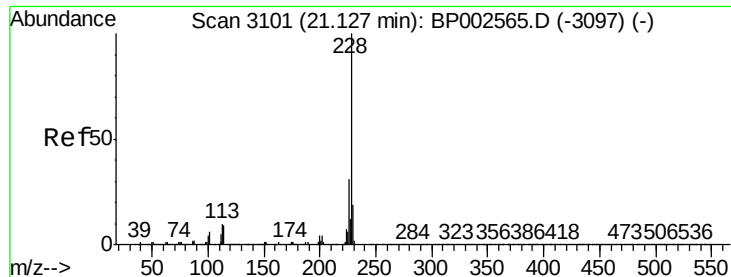


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.304 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

BNA_P

ClientSampleId :

PB129897BSD

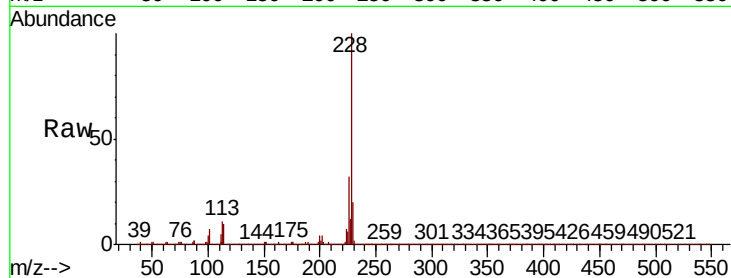
Tot Ion:228 Resp: 2517314

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.6	37.0
229	19.8	15.6	23.4

228 100

226 32.0 24.6 37.0

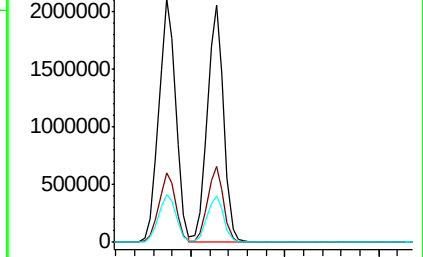
229 19.8 15.6 23.4



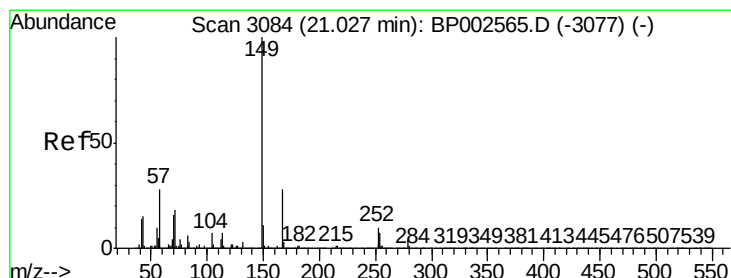
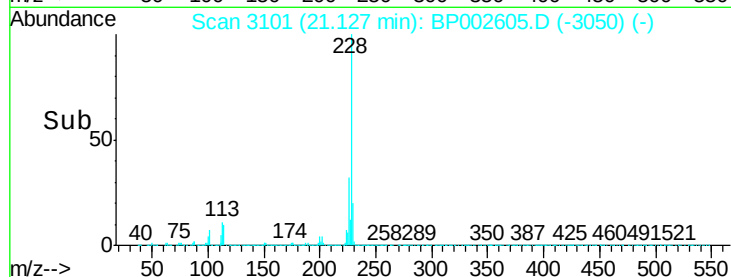
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.505 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

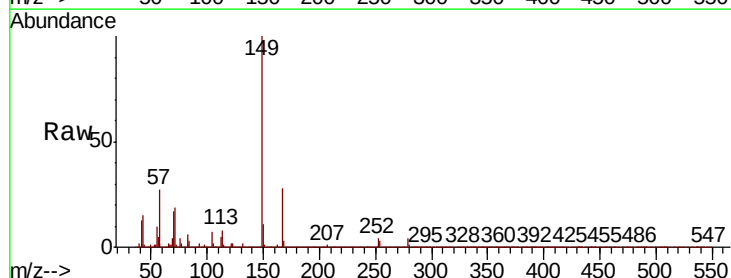
Tgt Ion:149 Resp: 1798530

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.1	33.1
279	4.4	3.4	5.0

149 100

167 27.9 22.1 33.1

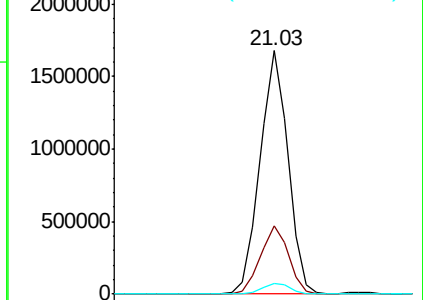
279 4.4 3.4 5.0



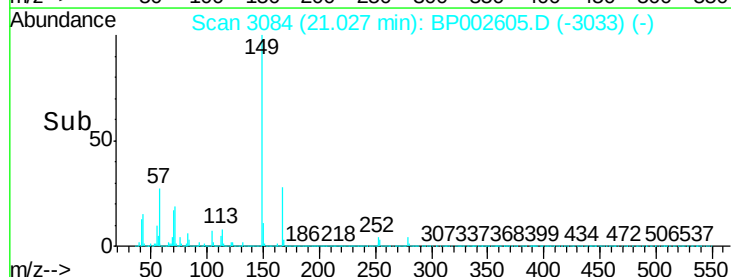
Abundance Ion 149.00 (148.70 to 149.70): E

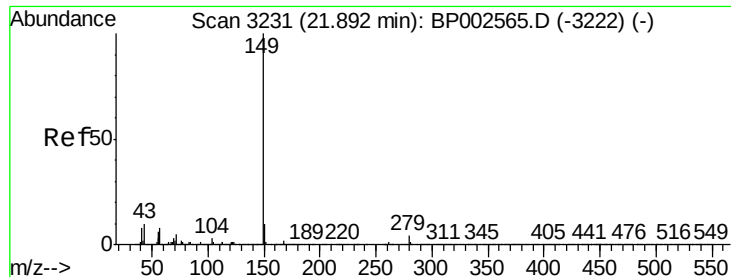
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 42.824 ng

RT: 21.89 min Scan# 3231

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

BNA_P

ClientSampleId :

PB129897BSD

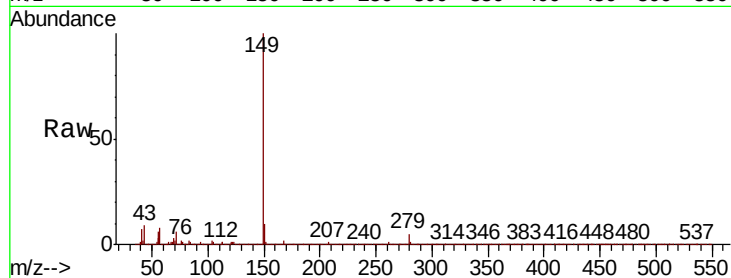
Tot Ion:149 Resp: 2925202

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

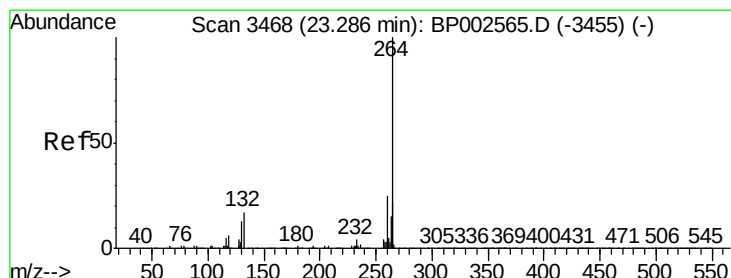
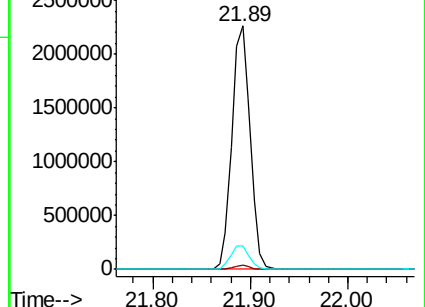
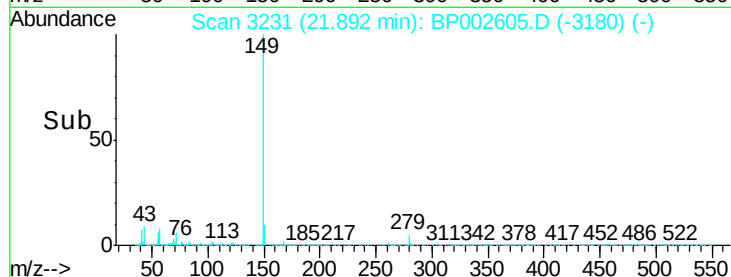
43 9.8 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

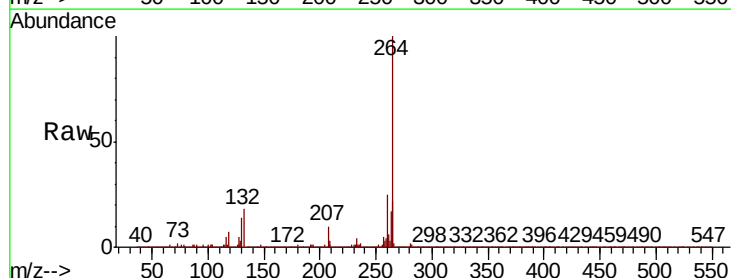
Tgt Ion:264 Resp: 789221

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

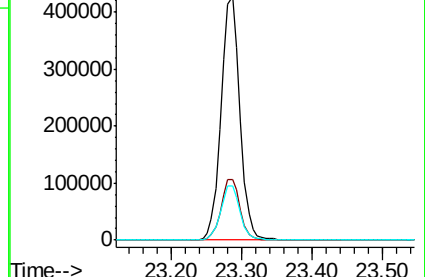
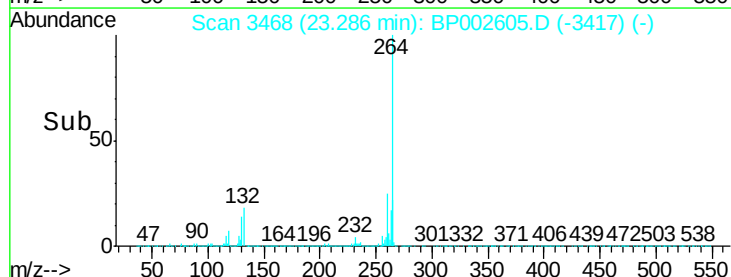
265 22.4 17.6 26.4

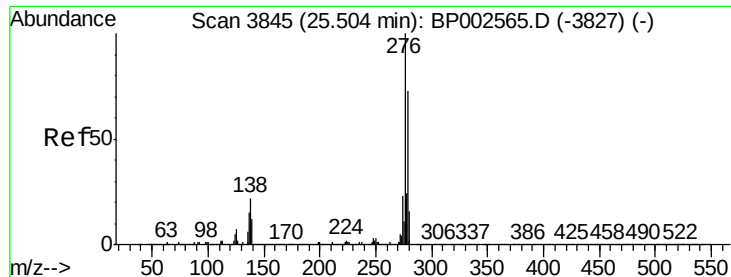


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.676 ng

RT: 25.50 min Scan# 3844

Delta R.T. -0.01 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Instrument :

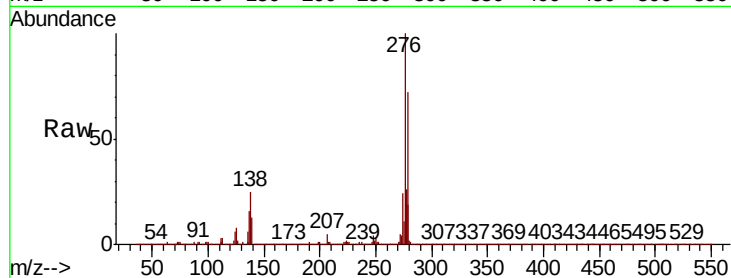
BNA_P

ClientSampleId :

PB129897BSD

Tot Ion:276 Resp: 2595549

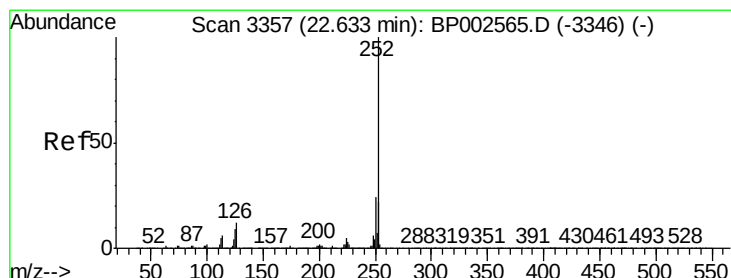
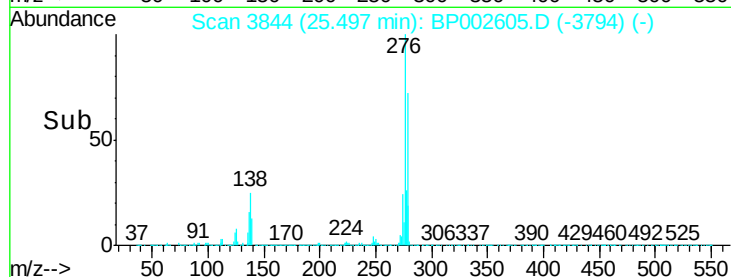
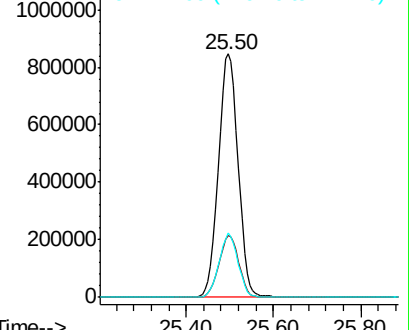
Ion	Ratio	Lower	Upper
276	100		
138	25.5	18.6	27.8
277	25.3	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 49.455 ng

RT: 22.63 min Scan# 3357

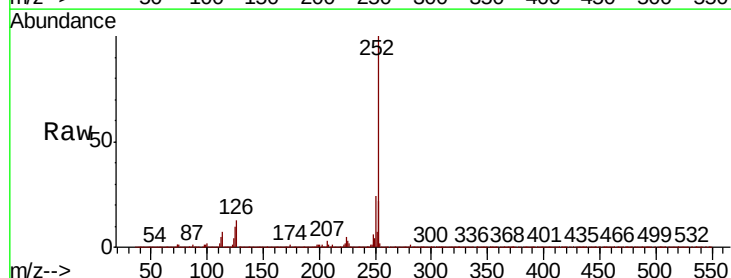
Delta R.T. -0.00 min

Lab File: BP002605.D

Acq: 01 Jul 2020 15:35

Tgt Ion:252 Resp: 2490516

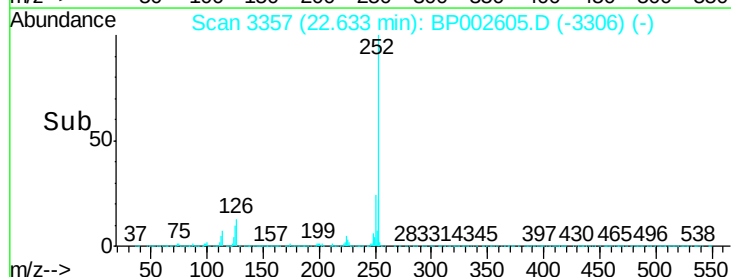
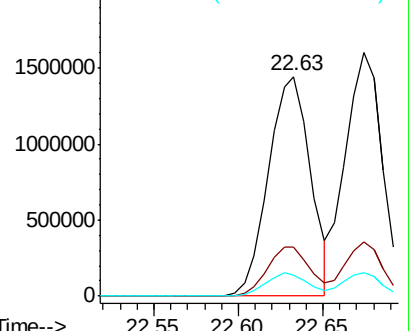
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.7	7.4	11.2

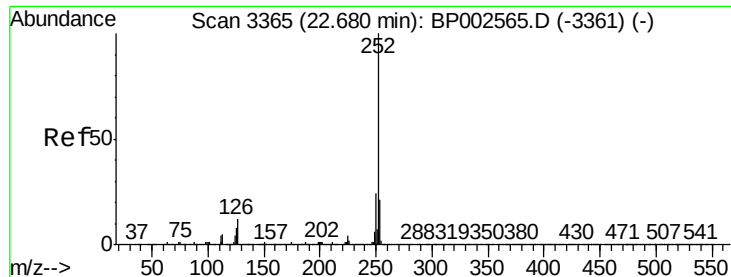


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

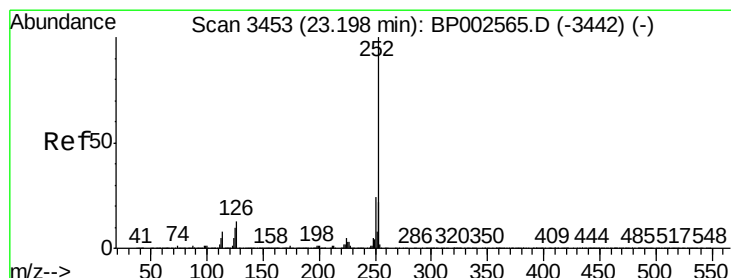
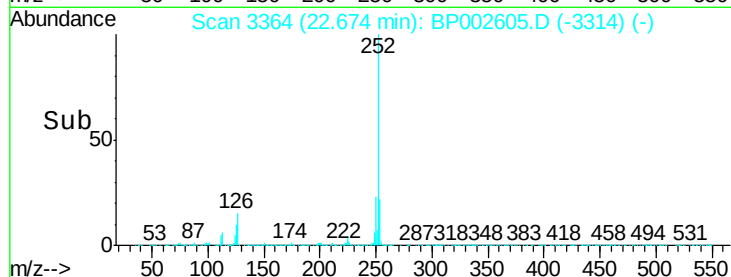
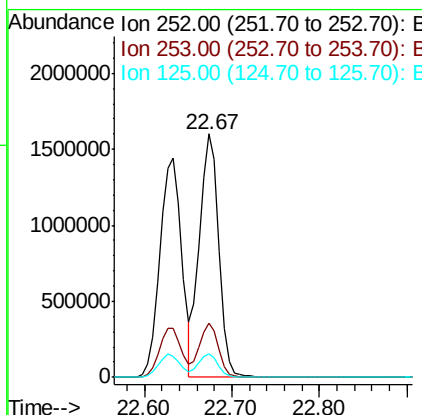
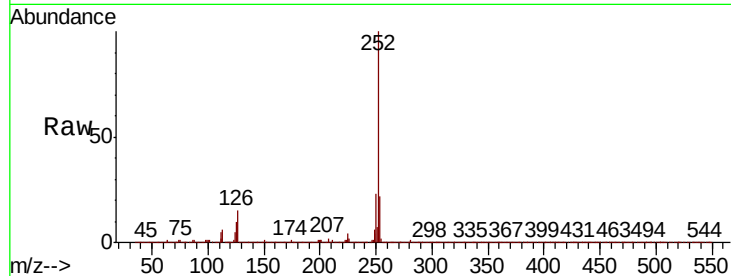




#89
Benzo(k)fluoranthene
Concen: 52.835 ng
RT: 22.67 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

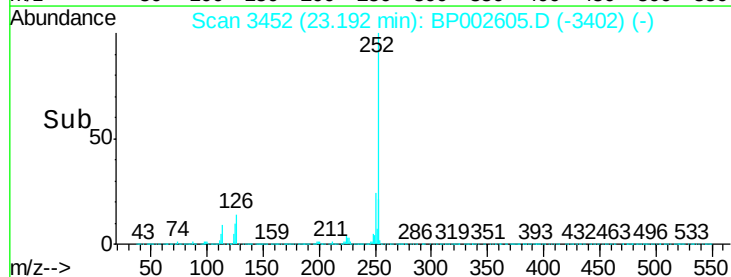
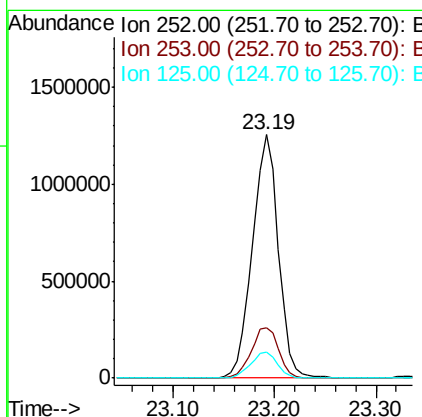
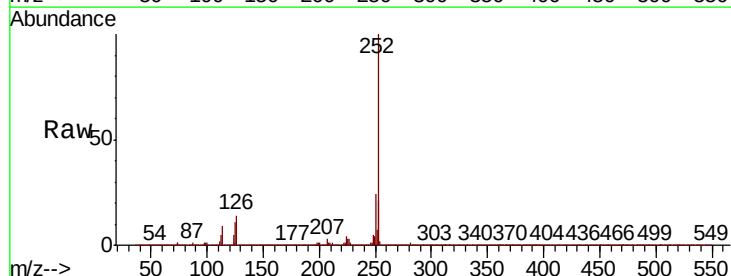
Instrument :
BNA_P
ClientSampleId :
PB129897BSD

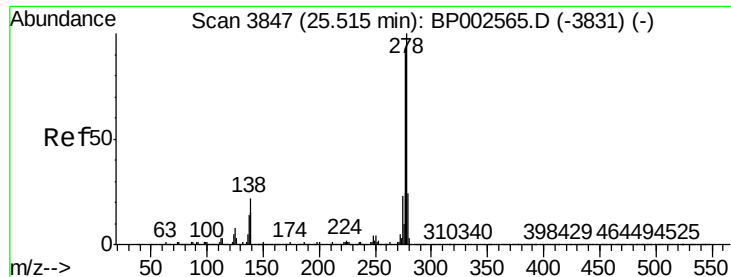
Tot Ion:252 Resp: 2482180
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.9 6.9 10.3



#90
Benzo(a)pyrene
Concen: 48.281 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion:252 Resp: 2231216
Ion Ratio Lower Upper
252 100
253 20.9 17.8 26.6
125 10.5 7.8 11.8

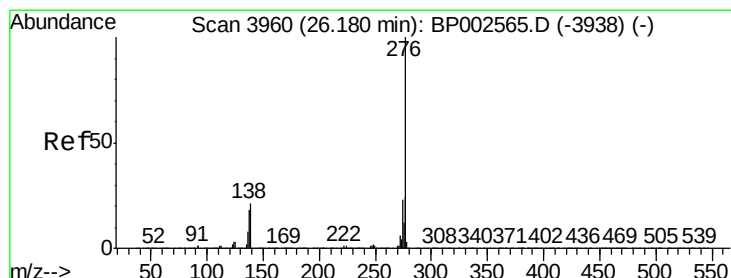
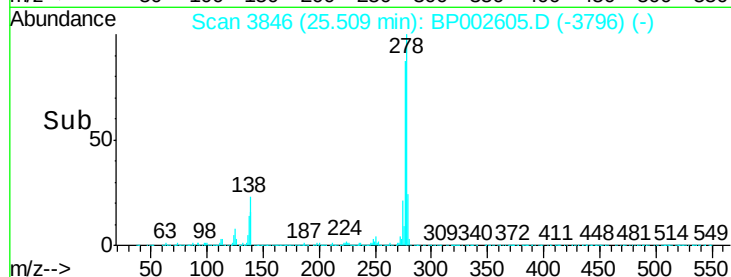
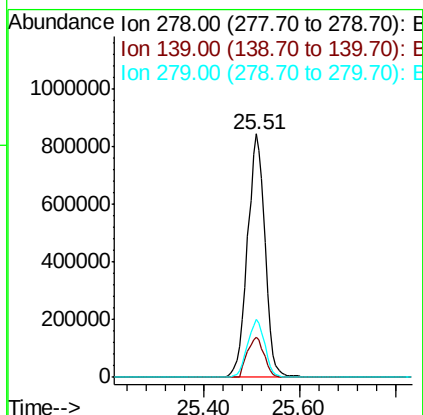
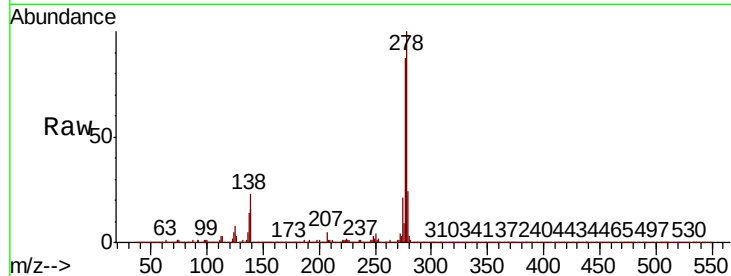




#91
Dibenzo(a,h)anthracene
Concen: 46.146 ng
RT: 25.51 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Instrument :
BNA_P
ClientSampleId :
PB129897BSD

Tot Ion:278 Resp: 2142762
Ion Ratio Lower Upper
278 100
139 16.3 12.2 18.2
279 23.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 46.188 ng
RT: 26.17 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BP002605.D
Acq: 01 Jul 2020 15:35

Tgt Ion:276 Resp: 2144917
Ion Ratio Lower Upper
276 100
277 22.9 19.3 28.9
138 22.3 16.9 25.3

