

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070620\
 Data File : BP002643.D
 Acq On : 06 Jul 2020 11:54
 Operator : CG/JU
 Sample : L2182-01
 Misc : LOD-MDL-SOIL-01-4PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 14:10:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	213619	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	758983	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	440566	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	881393	20.00	ng	0.00
76) Chrysene-d12	21.09	240	931509	20.00	ng	0.00
86) Perylene-d12	23.28	264	1044619	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1378110	109.23	ng	0.00
7) Phenol-d6	6.76	99	1760220	99.96	ng	0.00
23) Nitrobenzene-d5	8.72	82	1553275	105.45	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	638834	119.22	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	3288514	109.86	ng	0.00
79) Terphenyl-d14	19.57	244	4037925	93.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	21299	3.939	ng	98
3) Pyridine	3.53	79	46971	2.931	ng	97
4) n-Nitrosodimethylamine	3.45	42	19568	2.876	ng	# 98
6) Aniline	6.90	93	79019	3.572	ng	98
8) 2-Chlorophenol	7.14	128	51562	3.679	ng	96
9) Benzaldehyde	6.72	77	45758	3.917	ng	97
10) Phenol	6.79	94	63792	3.592	ng	95
11) bis(2-Chloroethyl)ether	7.00	93	49675	3.408	ng	99
12) 1,3-Dichlorobenzene	7.46	146	60603	3.747	ng	96
13) 1,4-Dichlorobenzene	7.60	146	62103	3.769	ng	96
14) 1,2-Dichlorobenzene	7.92	146	58086	3.663	ng	96
15) Benzyl Alcohol	7.82	79	34980	2.644	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	70363	3.465	ng	98
17) 2-Methylphenol	8.03	107	41026	3.086	ng	92
18) Hexachloroethane	8.63	117	21578	3.629	ng	96
19) n-Nitroso-di-n-propylamine	8.37	70	34931	3.023	ng	99
20) 3+4-Methylphenols	8.35	107	51374	2.867	ng	91
22) Acetophenone	8.39	105	74491	3.878	ng	# 96
24) Nitrobenzene	8.76	77	59431	3.812	ng	98
25) Isophorone	9.28	82	92933	3.148	ng	99
26) 2-Nitrophenol	9.47	139	21905	3.081	ng	97
27) 2,4-Dimethylphenol	9.55	122	42391	3.934	ng	97
28) bis(2-Chloroethoxy)methane	9.77	93	61069	3.601	ng	99
29) 2,4-Dichlorophenol	10.02	162	43204	3.479	ng	98
30) 1,2,4-Trichlorobenzene	10.21	180	55761	3.989	ng	100
31) Naphthalene	10.39	128	154834	3.854	ng	99
32) Benzoic acid	9.55	122	42391	12.801	ng	# 13
33) 4-Chloroaniline	10.51	127	57813	3.290	ng	98
34) Hexachlorobutadiene	10.69	225	34016	3.975	ng	97
35) Caprolactam	11.25	113	10810	2.590	ng	94
36) 4-Chloro-3-methylphenol	11.66	107	39570	2.907	ng	99
37) 2-Methylnaphthalene	12.02	142	106167	3.624	ng	95
38) 1-Methylnaphthalene	12.23	142	100900	3.657	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	61715	4.486	ng	97

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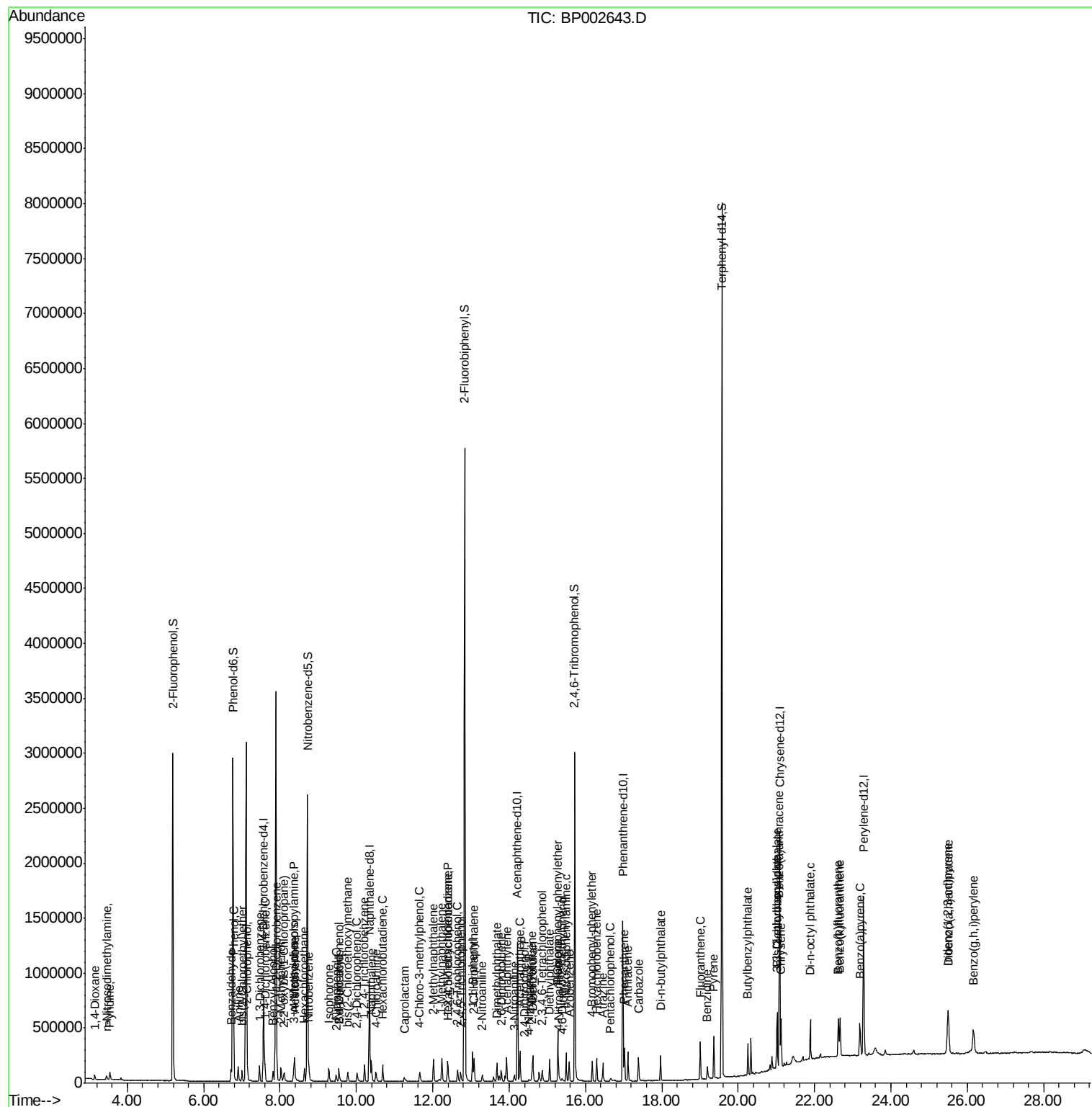
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41) Hexachlorocyclopentadiene	12.38	237	8720	5.529	ng	97
43) 2,4,6-Trichlorophenol	12.65	196	30289	3.254	ng	96
44) 2,4,5-Trichlorophenol	12.73	196	32121	2.998	ng	96
46) 1,1'-Biphenyl	13.05	154	145253	4.359	ng	99
47) 2-Chloronaphthalene	13.08	162	104277	3.844	ng	97
48) 2-Nitroaniline	13.30	65	21091	2.437	ng	99
49) Acenaphthylene	13.93	152	156638	3.669	ng	99
50) Dimethylphthalate	13.68	163	116832	3.376	ng	99
51) 2,6-Dinitrotoluene	13.79	165	21284	2.848	ng	99
52) Acenaphthene	14.28	154	93797	3.724	ng	94
53) 3-Nitroaniline	14.13	138	19376	2.381	ng	98
54) 2,4-Dinitrophenol	14.40	184	873	6.182	ng	# 89
55) Dibenzofuran	14.62	168	156788	3.841	ng	97
56) 4-Nitrophenol	14.52	139	7888	3.627	ng	91
57) 2,4-Dinitrotoluene	14.60	165	24932	2.480	ng	96
58) Fluorene	15.27	166	116210	3.738	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	25972	3.000	ng	95
60) Diethylphthalate	15.06	149	109447	3.181	ng	98
61) 4-Chlorophenyl-phenylether	15.28	204	62921	3.774	ng	89
62) 4-Nitroaniline	15.31	138	16892	2.077	ng	93
63) Azobenzene	15.57	77	105591	3.174	ng	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	7644	3.981	ng	96
66) n-Nitrosodiphenylamine	15.49	169	99263	3.858	ng	99
67) 4-Bromophenyl-phenylether	16.17	248	37406	3.777	ng	95
68) Hexachlorobenzene	16.29	284	43079	4.060	ng	99
69) Atrazine	16.46	200	34802	4.215	ng	98
70) Pentachlorophenol	16.66	266	8966	4.091	ng	89
71) Phenanthrene	17.02	178	185692	3.916	ng	99
72) Anthracene	17.11	178	182717	3.872	ng	99
73) Carbazole	17.39	167	158208	3.469	ng	99
74) Di-n-butylphthalate	17.96	149	164529	3.063	ng	99
75) Fluoranthene	19.00	202	213307	3.716	ng	100
77) Benzidine	19.19	184	88401	5.836	ng	97
78) Pyrene	19.36	202	222570	3.510	ng	97
80) Butylbenzylphthalate	20.25	149	77405	2.796	ng	97
81) Benzo(a)anthracene	21.07	228	226631	3.721	ng	98
82) 3,3'-Dichlorobenzidine	21.01	252	89910	4.033	ng	99
83) Chrysene	21.12	228	220925	3.783	ng	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	122984	3.094	ng	99
85) Di-n-octyl phthalate	21.89	149	224455	3.197	ng	98
87) Indeno(1,2,3-cd)pyrene	25.49	276	307169	4.084	ng	99
88) Benzo(b)fluoranthene	22.62	252	235137	3.528	ng	99
89) Benzo(k)fluoranthene	22.67	252	240162	3.862	ng	96
90) Benzo(a)pyrene	23.19	252	222186	3.632	ng	99
91) Dibenzo(a,h)anthracene	25.50	278	258529	4.206	ng	100
92) Benzo(g,h,i)perylene	26.16	276	262037	4.263	ng	97

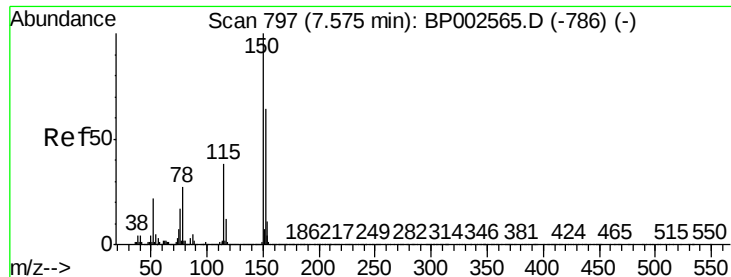
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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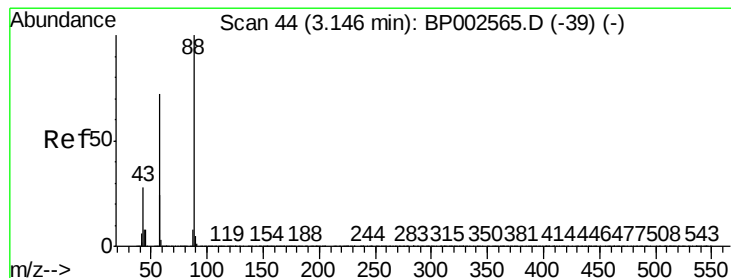
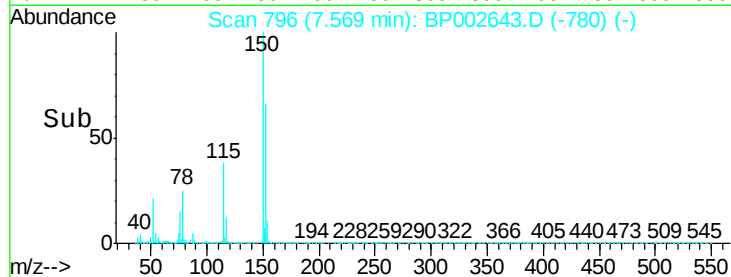
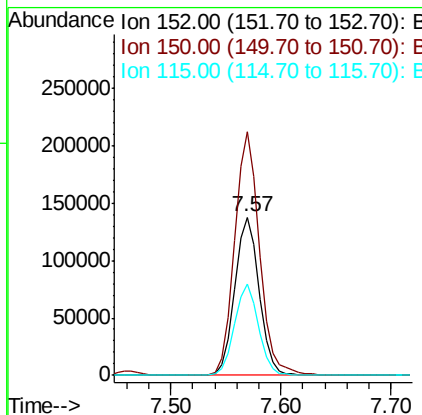
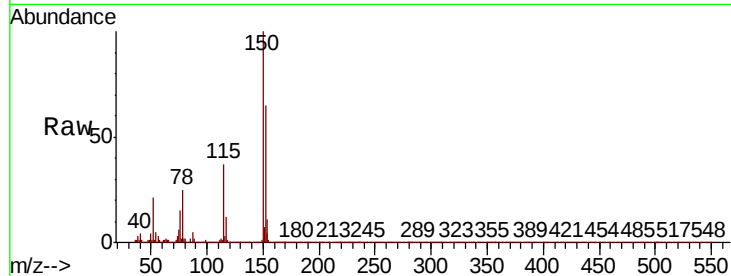


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Instrument :
BNA_F
ClientSampled :

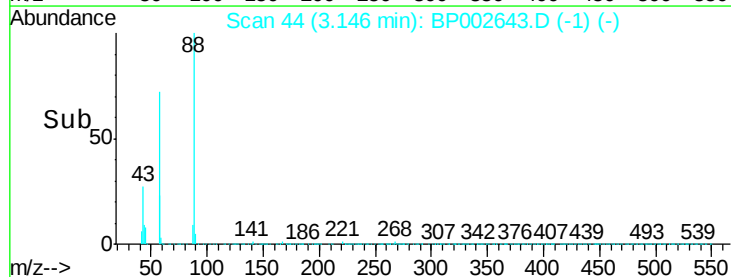
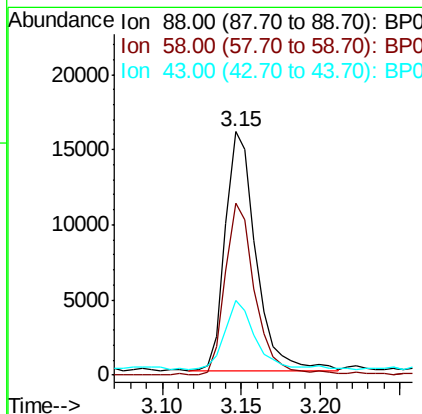
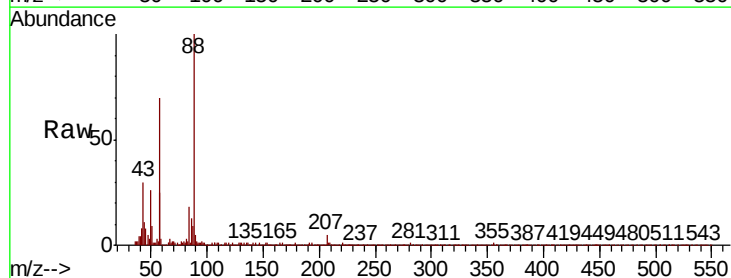
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.2	186.2
115	57.4	47.1	70.7

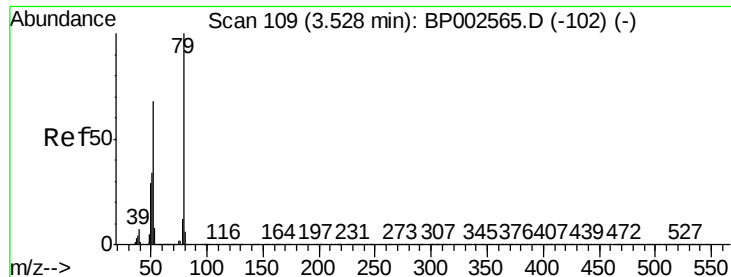


#2

1,4-Dioxane
Concen: 3.939 ng
RT: 3.15 min Scan# 44
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	58.1	87.1
43	29.2	23.2	34.8





#3

Pvridine

Concen: 2.931 ng

RT: 3.53 min Scan# 110

Delta R.T. 0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

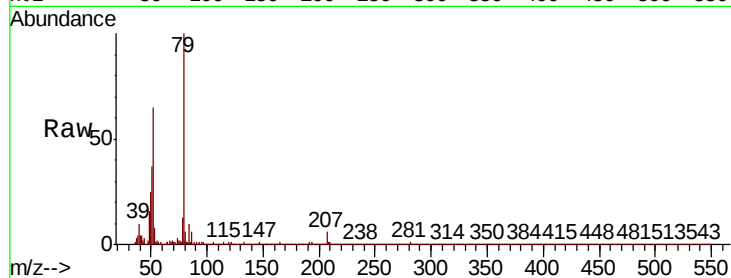
Tot Ion: 79 Resp: 46971

Ion Ratio Lower Upper

79 100

52 65.4 54.5 81.7

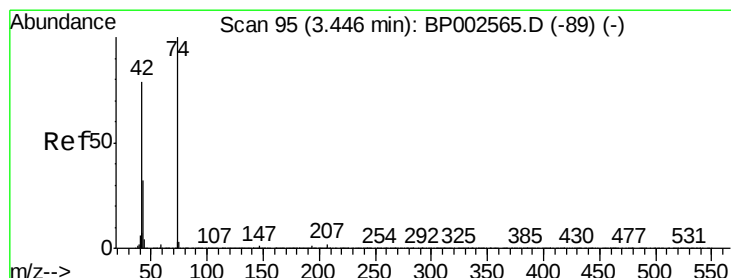
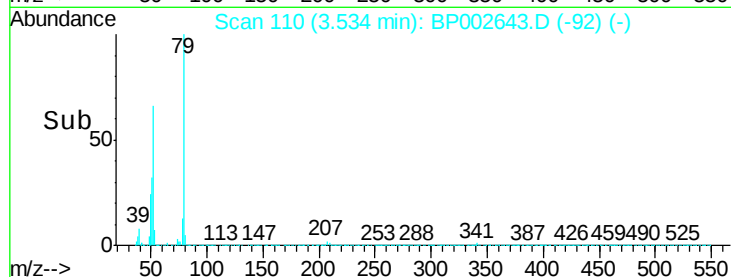
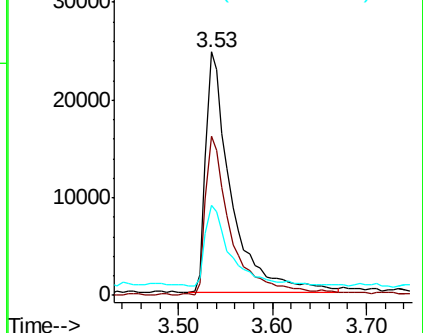
51 36.9 27.8 41.6



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 2.876 ng

RT: 3.45 min Scan# 96

Delta R.T. 0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

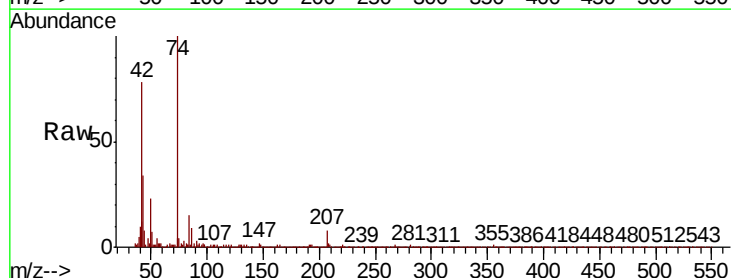
Tgt Ion: 42 Resp: 19568

Ion Ratio Lower Upper

42 100

74 128.8 101.7 152.5

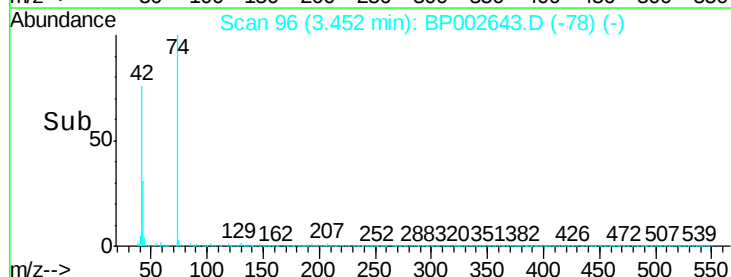
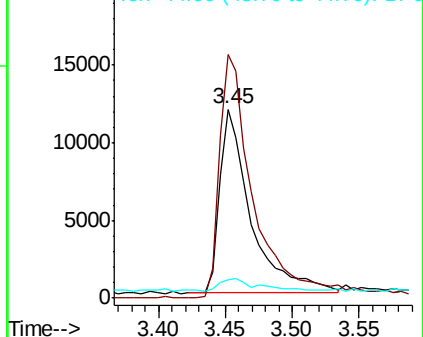
44 9.9 4.9 7.3#

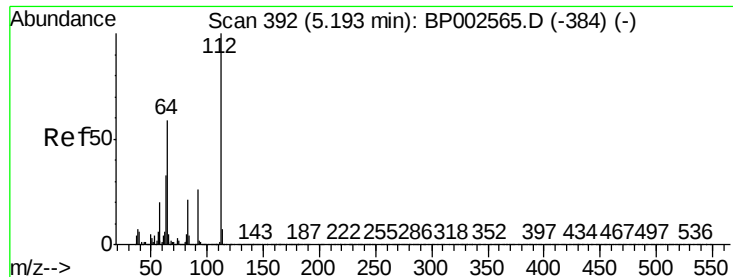


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 109.227 ng

RT: 5.19 min Scan# 392

Delta R.T. 0.00 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_F

ClientSampled :

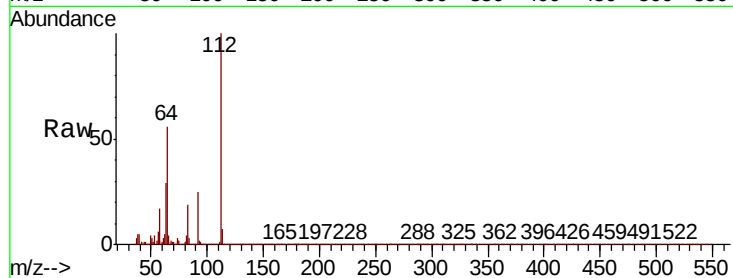
Tot Ion:112 Resp: 1378110

Ion Ratio Lower Upper

112 100

64 55.8 47.0 70.6

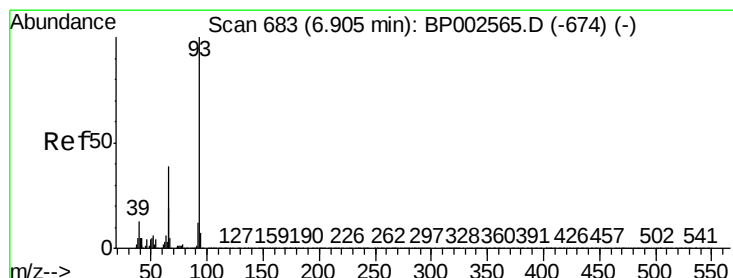
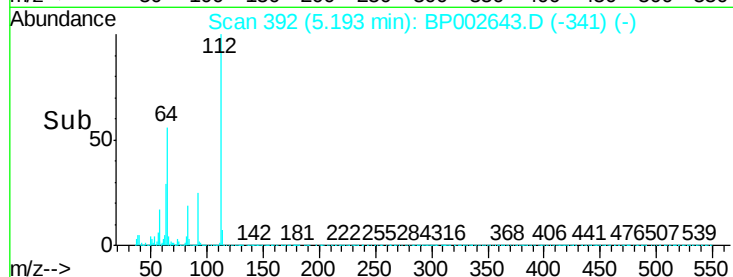
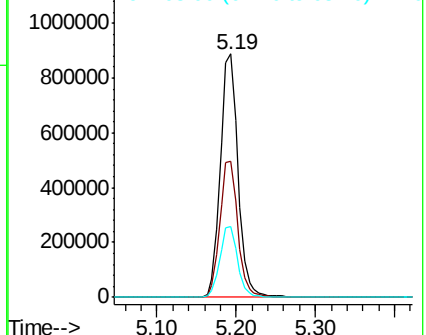
63 29.2 26.1 39.1



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



#6

Aniline

Concen: 3.572 ng

RT: 6.90 min Scan# 683

Delta R.T. 0.00 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

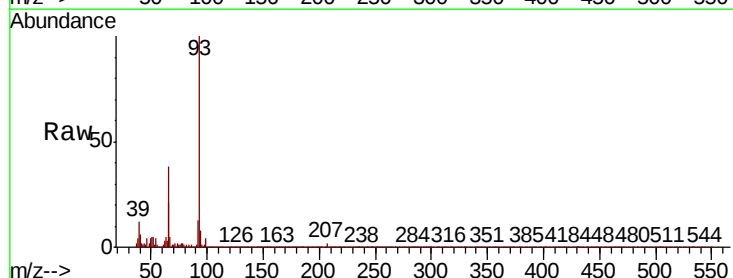
Tgt Ion: 93 Resp: 79019

Ion Ratio Lower Upper

93 100

66 38.0 31.6 47.4

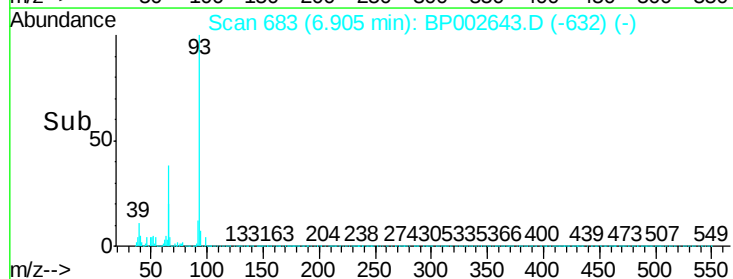
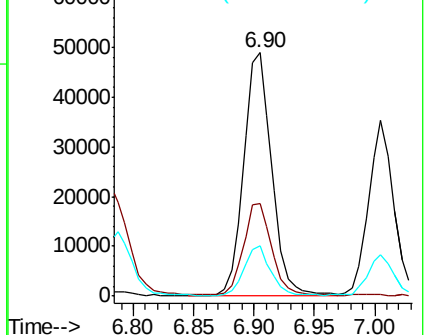
65 20.5 15.7 23.5

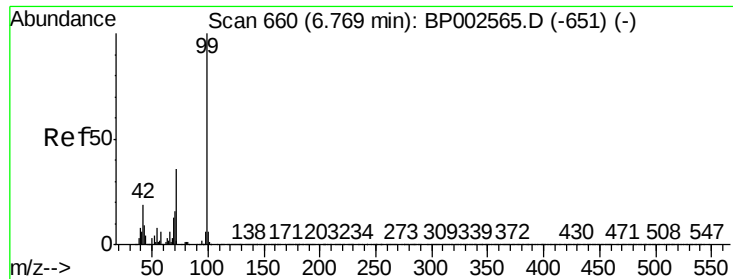


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 99.956 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

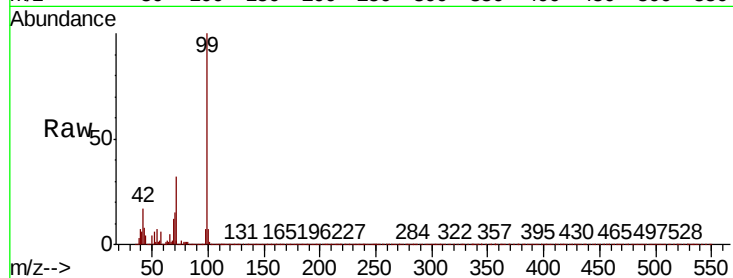
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1760220

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.5	23.3
71	32.4	28.9	43.3

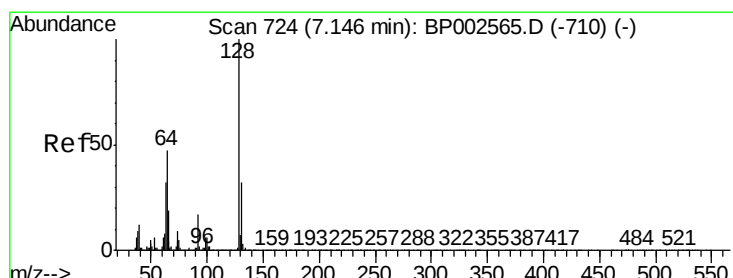
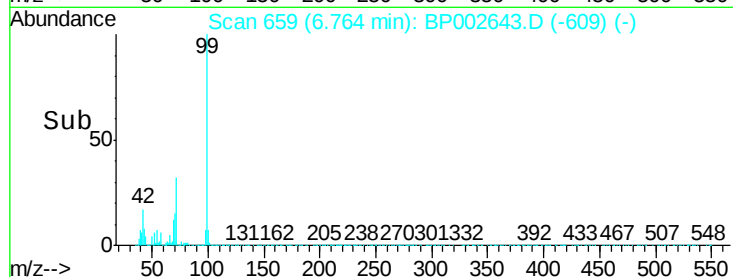


Abundance

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



#8

2-Chlorophenol

Concen: 3.679 ng

RT: 7.14 min Scan# 723

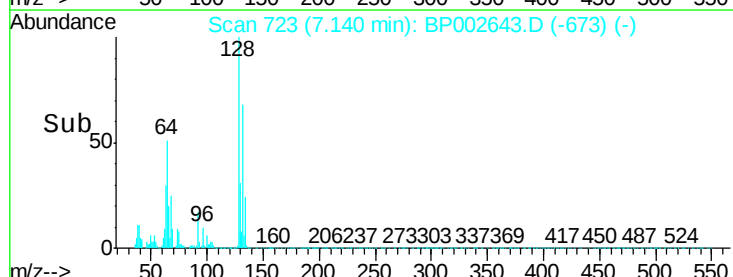
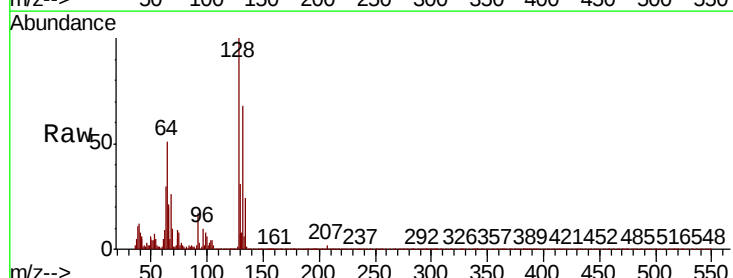
Delta R.T. -0.01 min

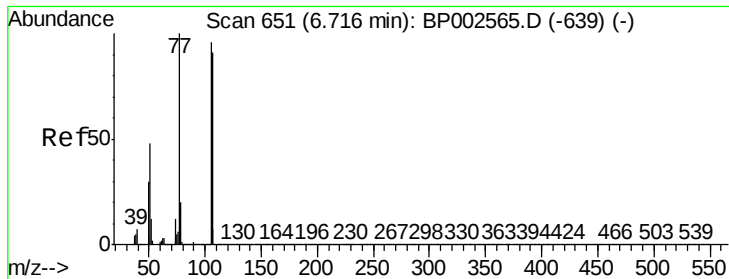
Lab File: BP002643.D

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Tgt Ion: 128 Resp: 51562

Ion	Ratio	Lower	Upper
128	100		
130	31.4	11.8	51.8
64	51.3	26.9	66.9

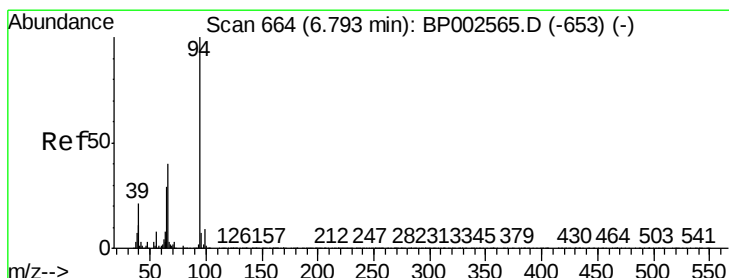
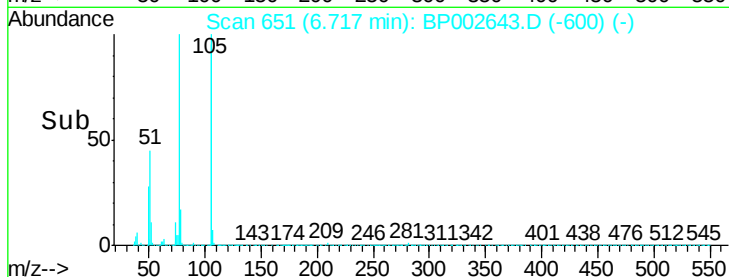
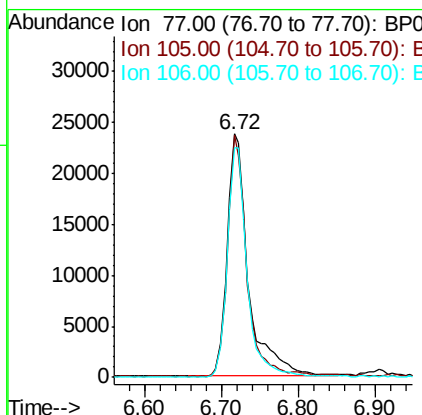
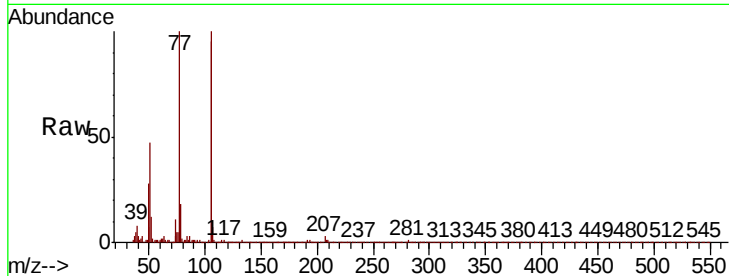




#9
Benzaldehyde
Concen: 3.917 ng
RT: 6.72 min Scan# 651
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

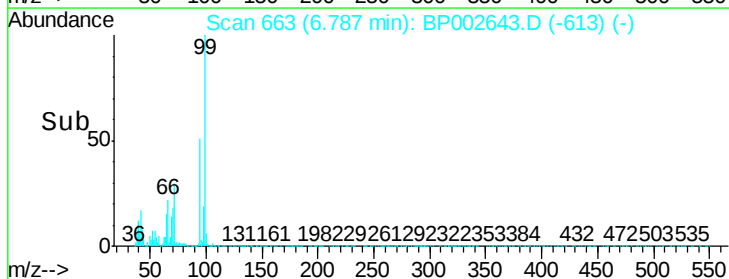
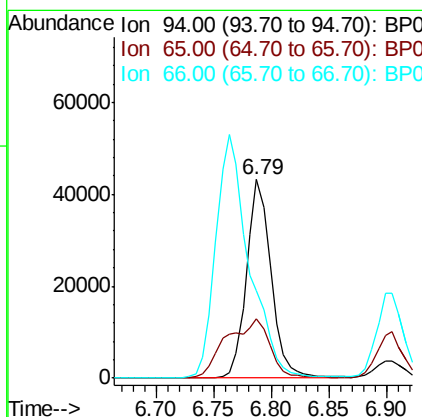
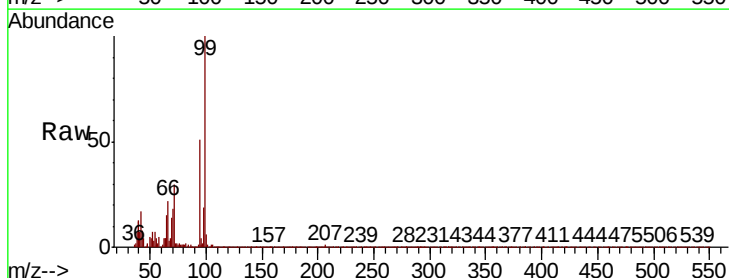
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ClientSampleId :

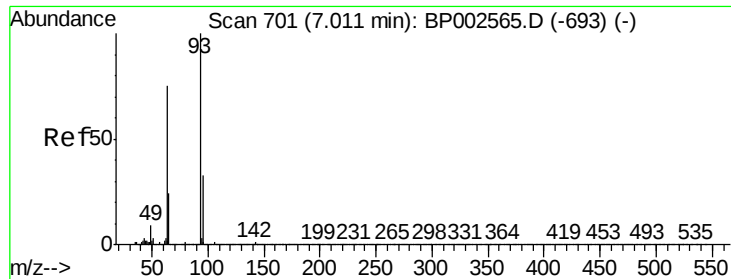
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Ion Ratio Lower Upper
77 100
105 99.6 76.5 116.5
106 94.5 70.9 110.9



#10
Phenol
Concen: 3.592 ng
RT: 6.79 min Scan# 663
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion: 94 Resp: 63792
Ion Ratio Lower Upper
94 100
65 30.1 8.8 48.8
66 43.9 19.9 59.9

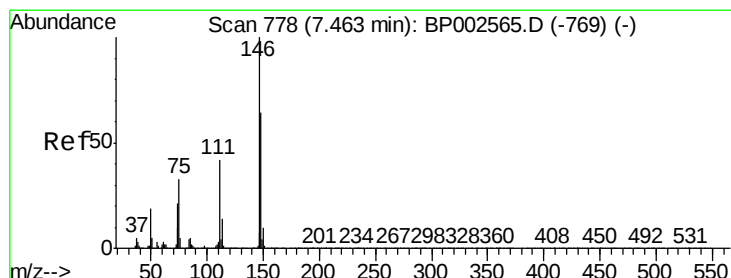
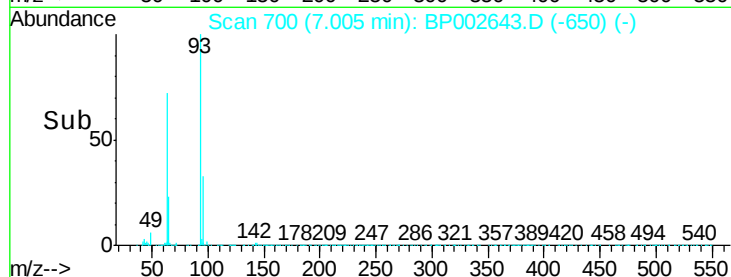
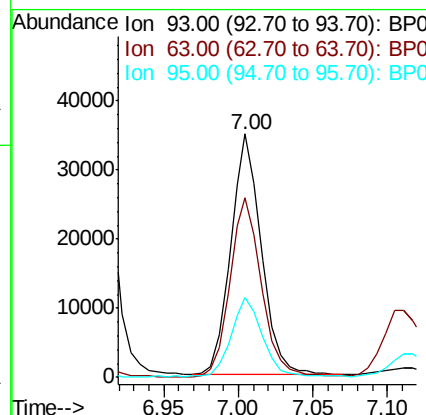
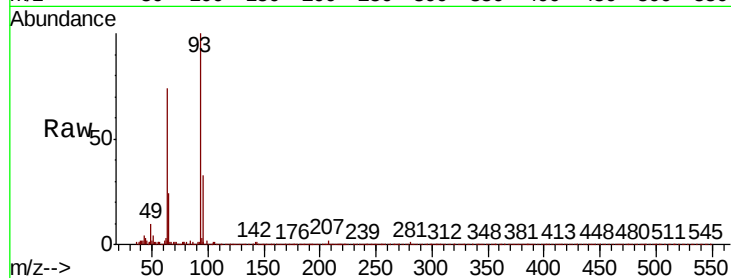




#11
bis(2-Chloroethyl)ether
Concen: 3.408 ng
RT: 7.00 min Scan# 700
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

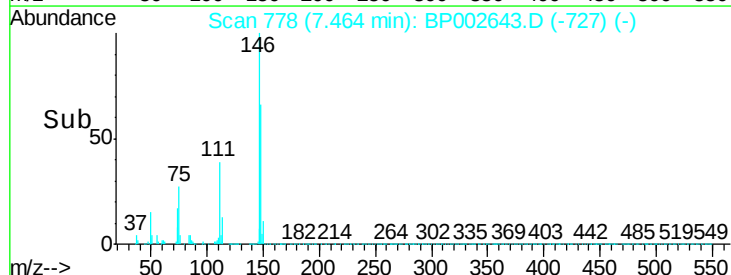
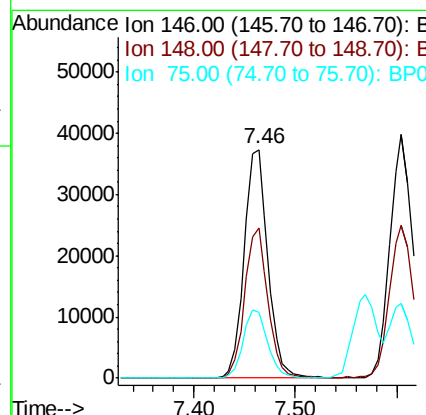
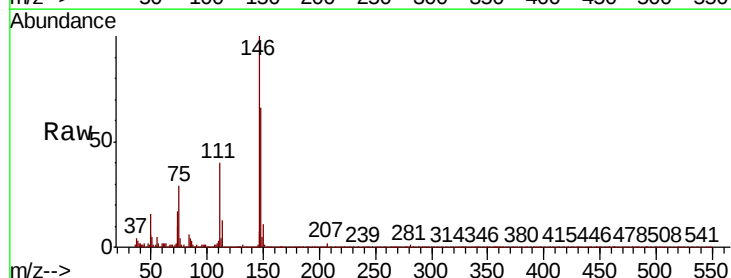
Instrument :
BNA_F
ClientSampleId :

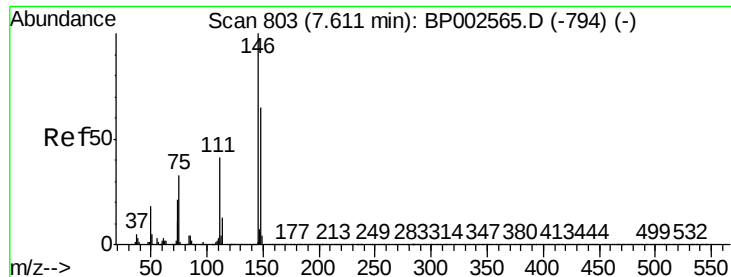
Tot Ion	93	Resp	49675
Ion	Ratio	Lower	Upper
93	100		
63	73.9	54.5	94.5
95	32.9	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 3.747 ng
RT: 7.46 min Scan# 778
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	146	Resp	60603
Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.3	76.9
75	28.7	26.1	39.1

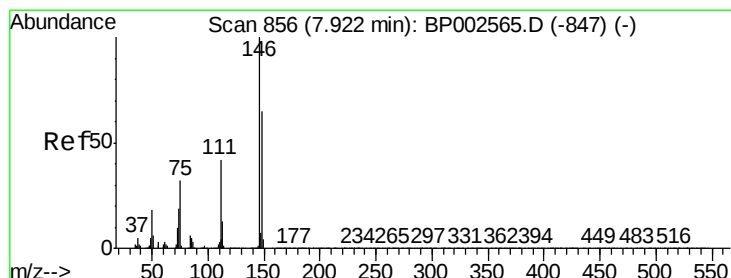
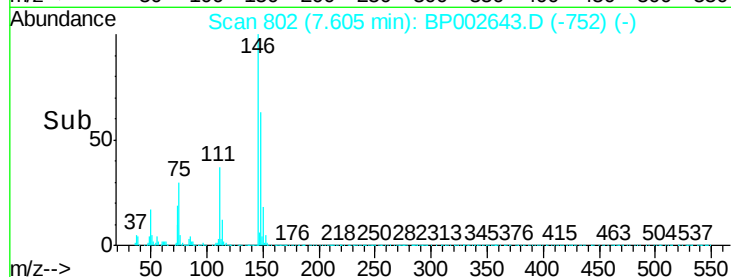
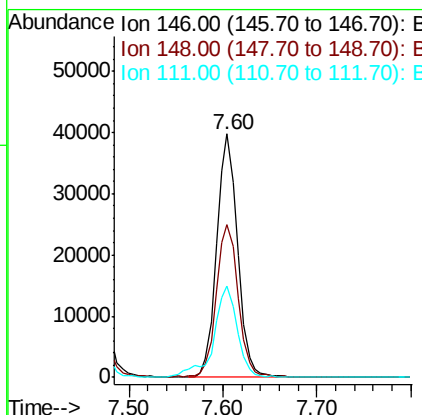
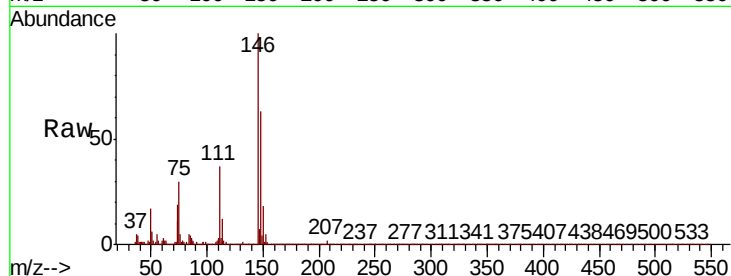




#13
1,4-Dichlorobenzene
Concen: 3.769 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

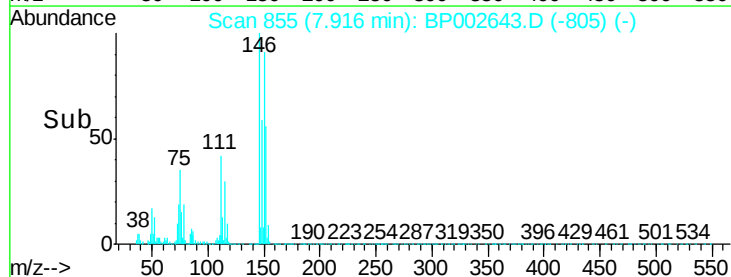
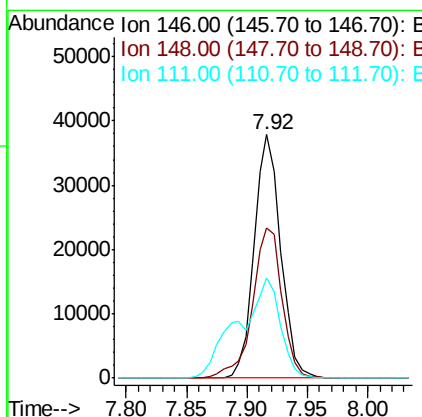
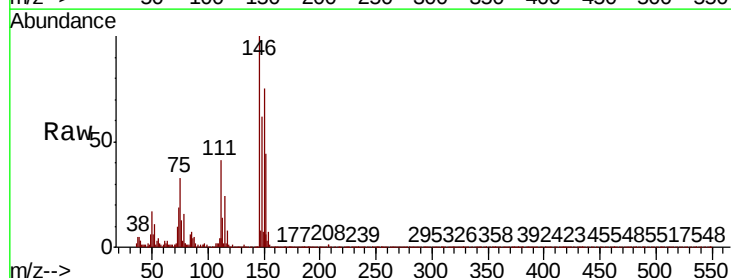
Instrument :
BNA_F
ClientSampleId :

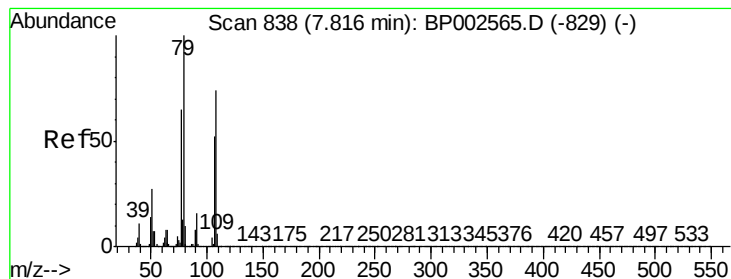
Tot Ion:146 Resp: 62103
Ion Ratio Lower Upper
146 100
148 62.6 51.8 77.6
111 37.4 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 3.663 ng
RT: 7.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:146 Resp: 58086
Ion Ratio Lower Upper
146 100
148 61.9 52.2 78.2
111 41.0 34.1 51.1





#15

Benzyl Alcohol

Concen: 2.644 ng

RT: 7.82 min Scan# 838

Delta R.T. 0.00 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_F

ClientSampled :

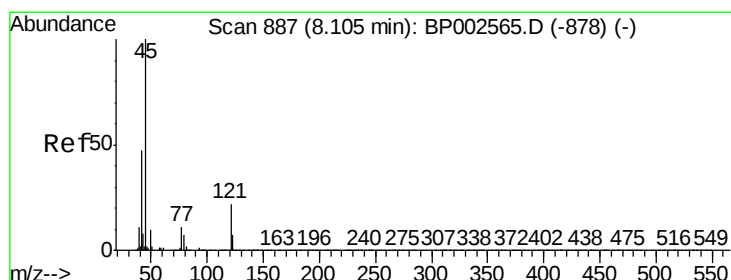
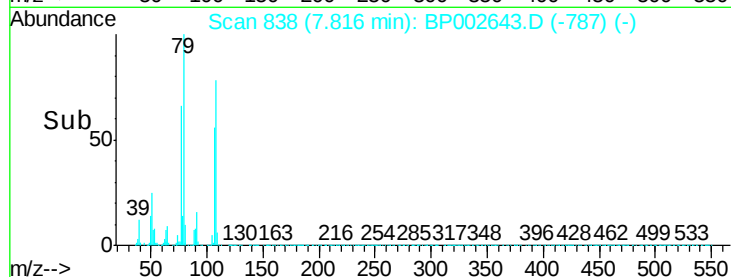
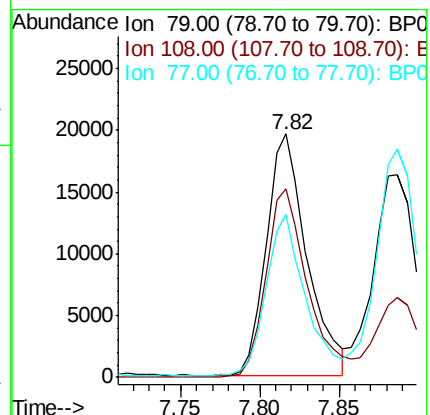
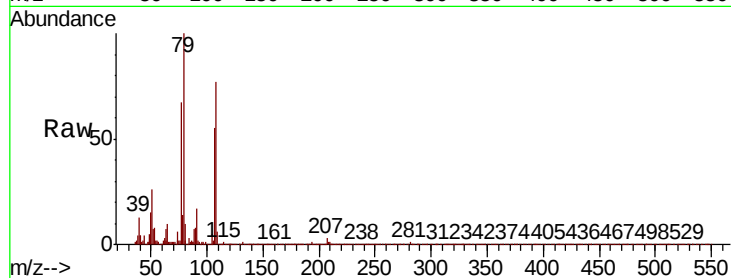
Tot Ion: 79 Resp: 34980

Ion Ratio Lower Upper

79 100

108 77.3 59.4 89.2

77 66.7 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.465 ng

RT: 8.10 min Scan# 887

Delta R.T. 0.00 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

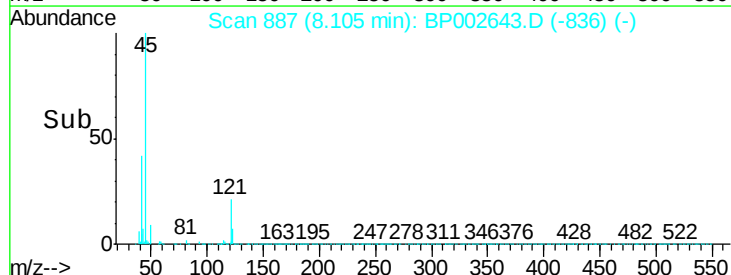
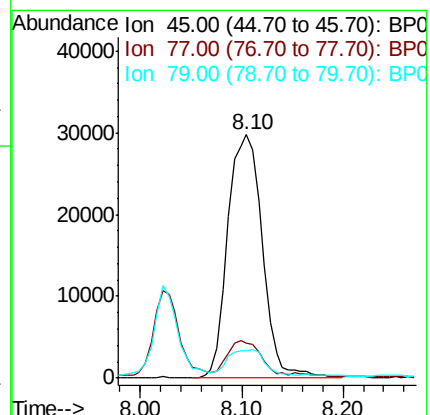
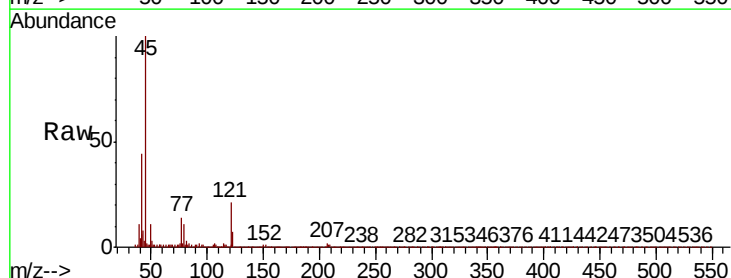
Tgt Ion: 45 Resp: 70363

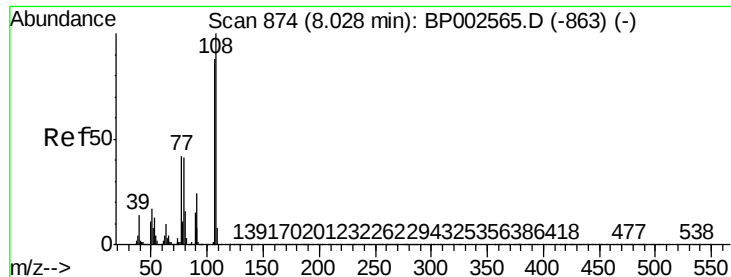
Ion Ratio Lower Upper

45 100

77 14.2 0.0 35.0

79 11.4 0.0 31.1

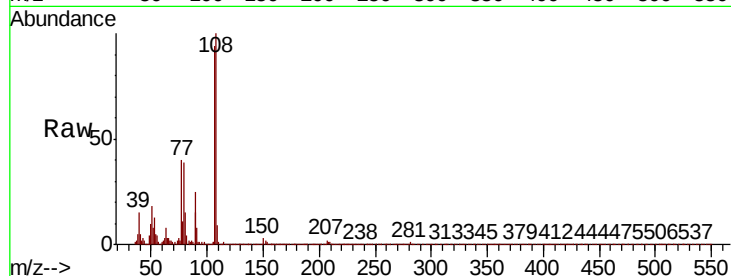




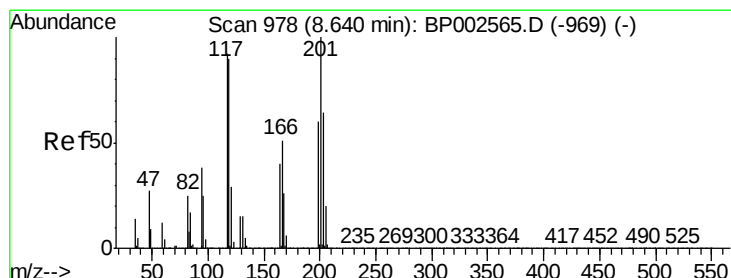
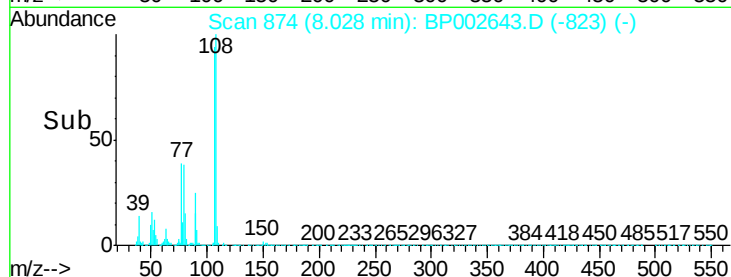
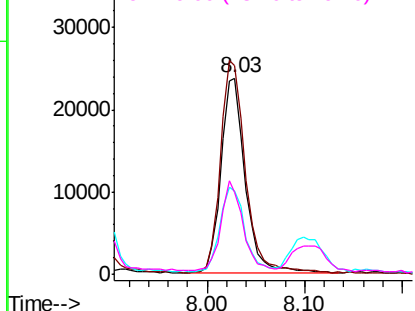
#17
2-Methylphenol
Concen: 3.086 ng
RT: 8.03 min Scan# 874
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	41026
Ion	Ratio	Lower	Upper
107	100		
108	106.4	91.4	137.0
77	42.7	38.7	58.1
79	41.5	38.0	57.0

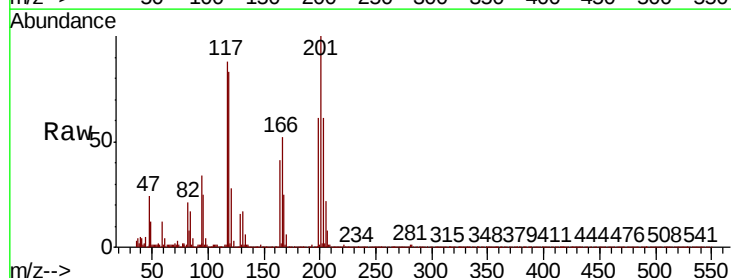


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

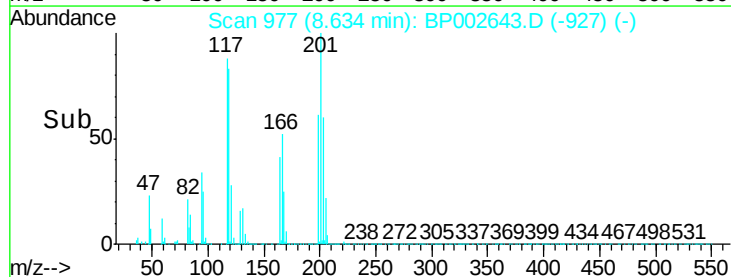
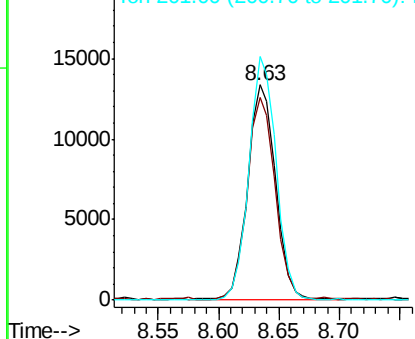


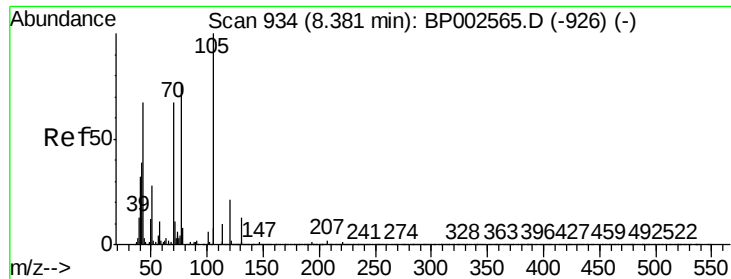
#18
Hexachloroethane
Concen: 3.629 ng
RT: 8.63 min Scan# 977
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:	117	Resp:	21578
Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.2	117.4
201	113.2	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

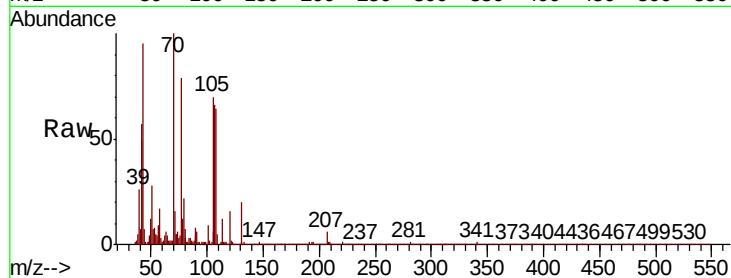




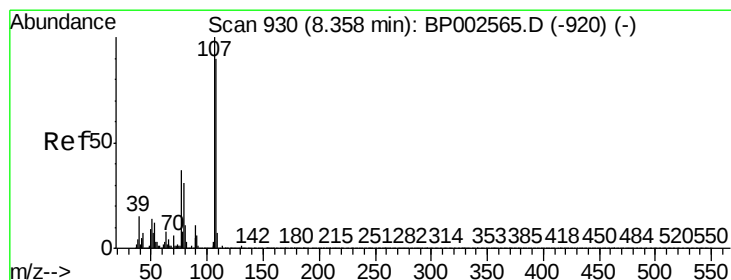
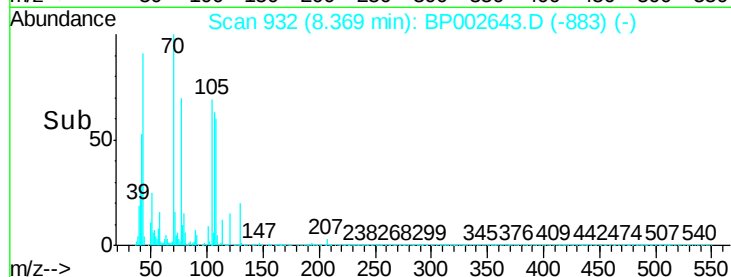
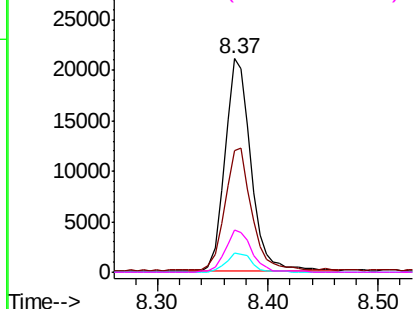
#19
n-Nitroso-di-n-propylamine
Concen: 3.023 ng
RT: 8.37 min Scan# 932
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 34931
Ion Ratio Lower Upper
70 100
42 57.0 46.7 70.1
101 9.1 7.5 11.3
130 19.8 16.0 24.0

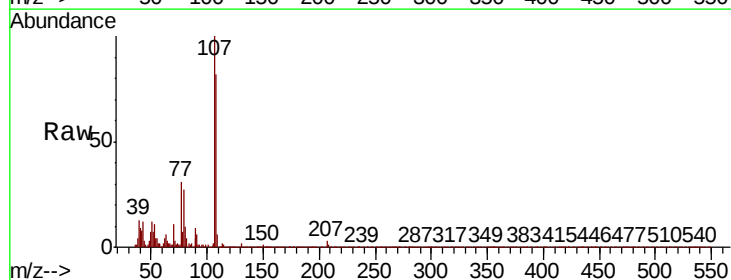


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

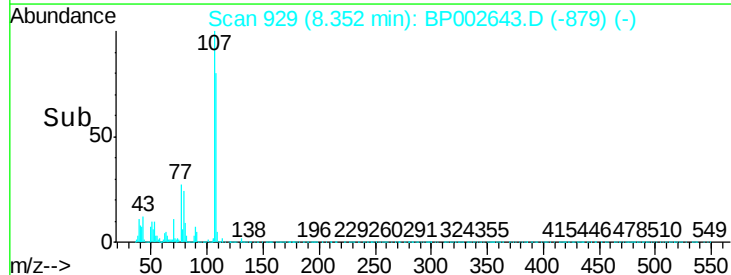
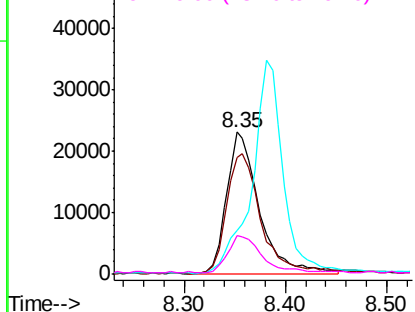


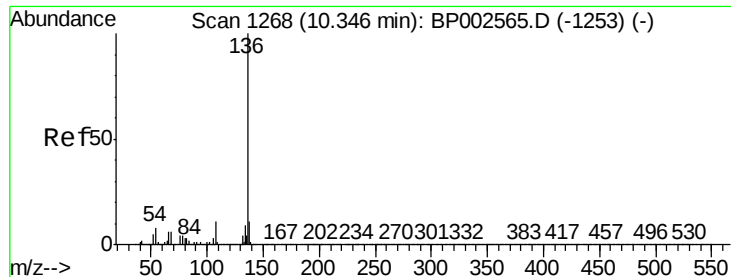
#20
3+4-Methylphenols
Concen: 2.867 ng
RT: 8.35 min Scan# 929
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:107 Resp: 51374
Ion Ratio Lower Upper
107 100
108 81.9 70.4 110.4
77 30.6 16.7 56.7
79 26.8 11.1 51.1



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

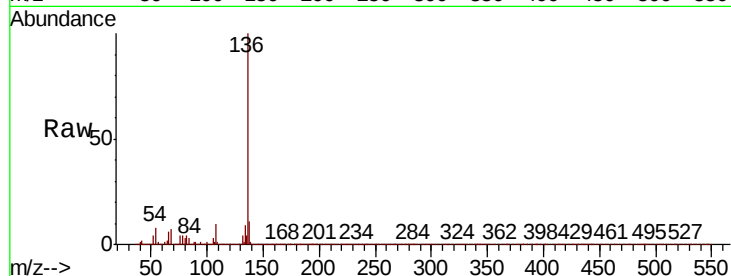




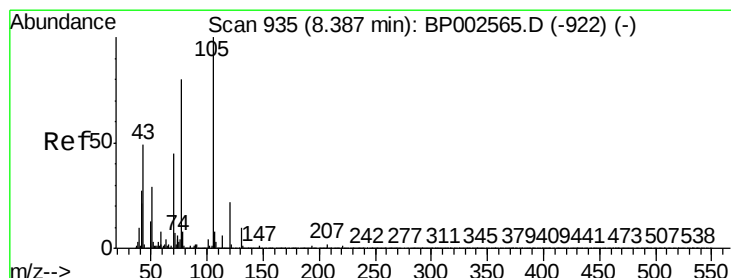
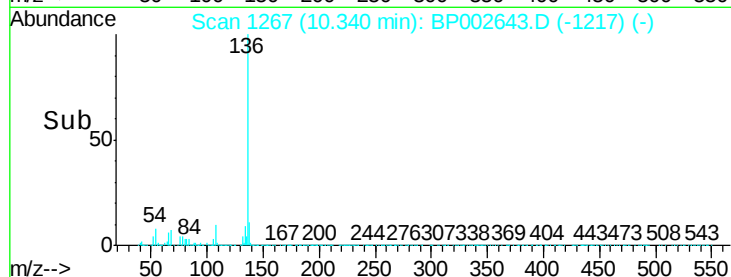
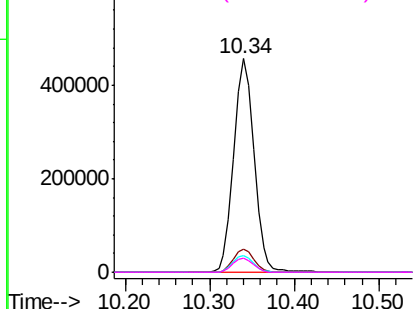
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	758983
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.1	6.4 9.6
68	6.7	5.1 7.7

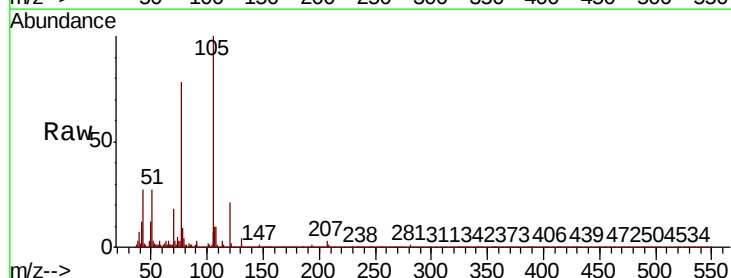


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

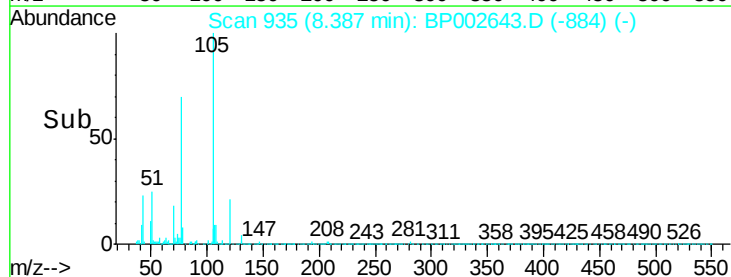
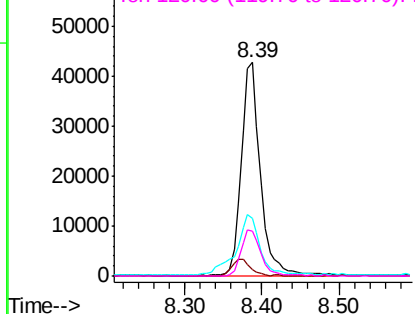


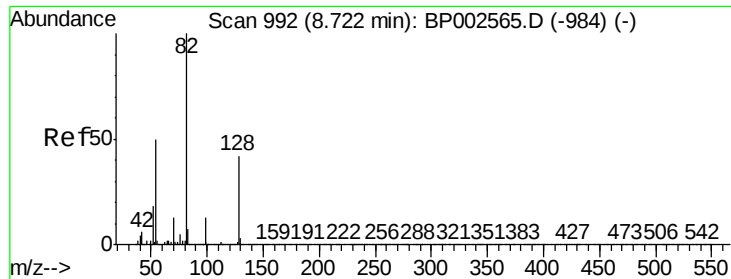
#22
Acetophenone
Concen: 3.878 ng
RT: 8.39 min Scan# 935
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:105	Resp:	74491
Ion Ratio	Lower	Upper
105	100	
71	3.1	5.8 8.8#
51	27.2	23.3 34.9
120	20.7	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

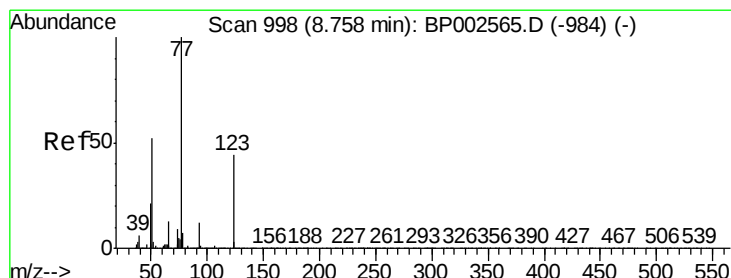
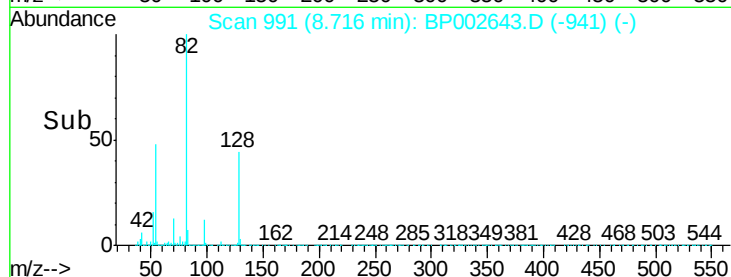
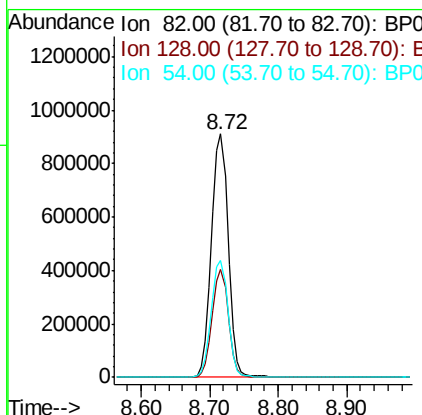
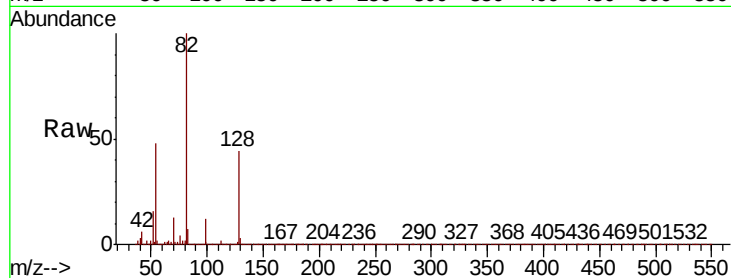




#23
 Nitrobenzene-d5
 Concen: 105.448 ng
 RT: 8.72 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BP002643.D
 Acq: 06 Jul 2020 11:54

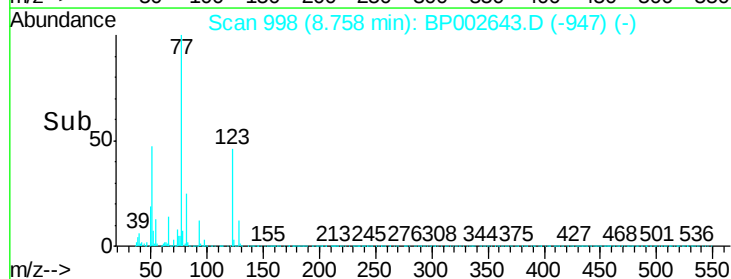
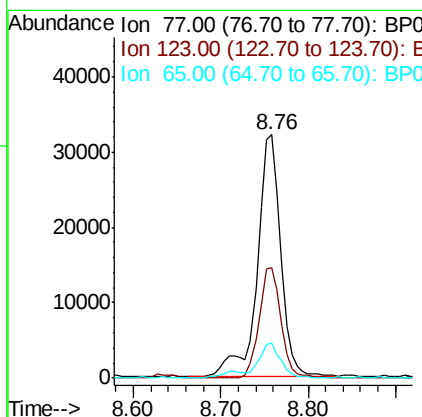
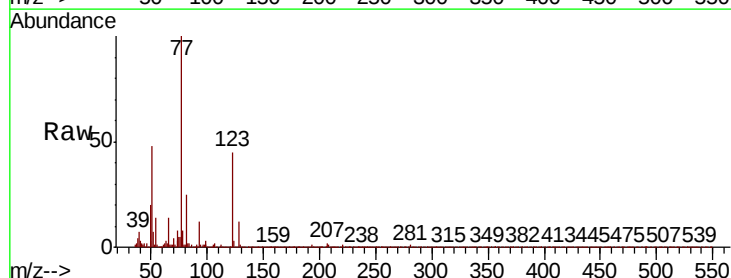
Instrument :
 BNA_F
 ClientSampleId :

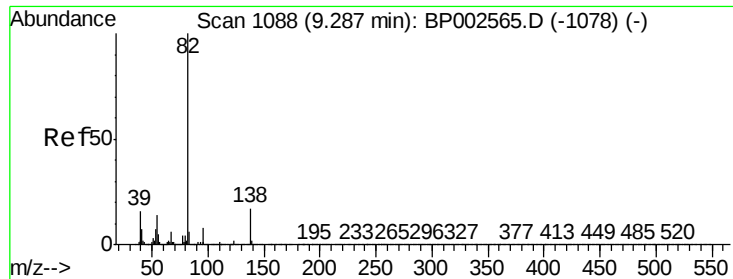
Tot Ion: 82 Resp: 1553275
 Ion Ratio Lower Upper
 82 100
 128 44.3 33.4 50.2
 54 48.2 40.1 60.1



#24
 Nitrobenzene
 Concen: 3.812 ng
 RT: 8.76 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BP002643.D
 Acq: 06 Jul 2020 11:54

Tgt Ion: 77 Resp: 59431
 Ion Ratio Lower Upper
 77 100
 123 45.2 35.3 52.9
 65 14.2 10.6 16.0





#25

Isophorone

Concen: 3.148 ng

RT: 9.28 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

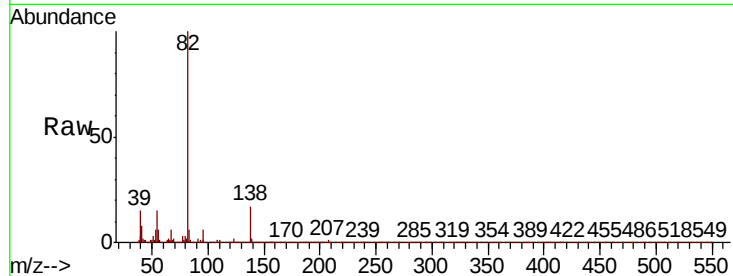
Tot Ion: 82 Resp: 92933

Ion Ratio Lower Upper

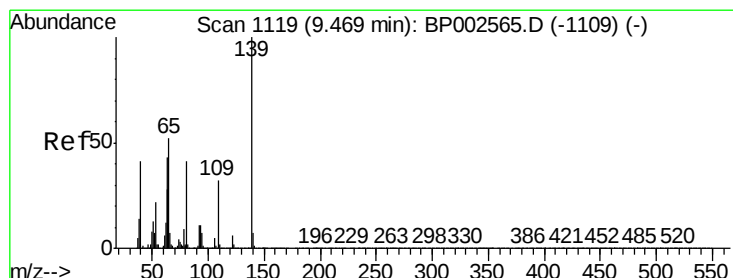
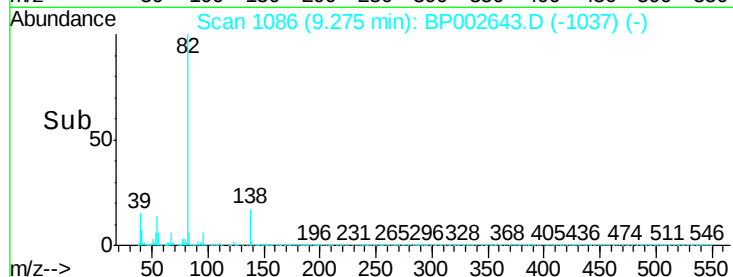
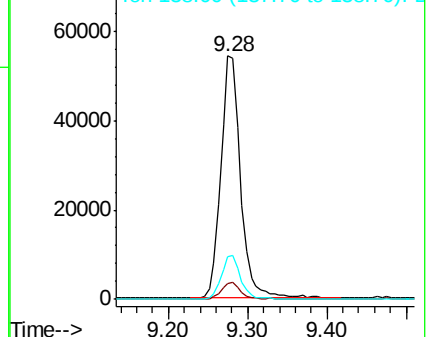
82 100

95 6.4 6.0 9.0

138 17.3 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 3.081 ng

RT: 9.47 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

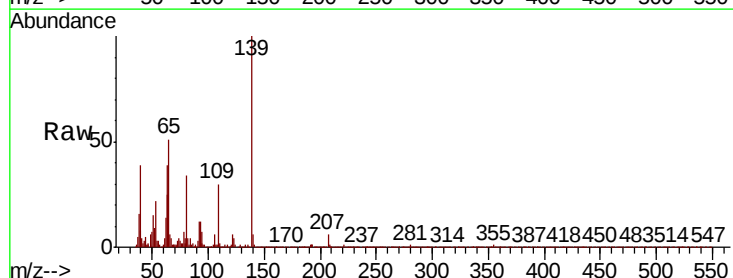
Tgt Ion: 139 Resp: 21905

Ion Ratio Lower Upper

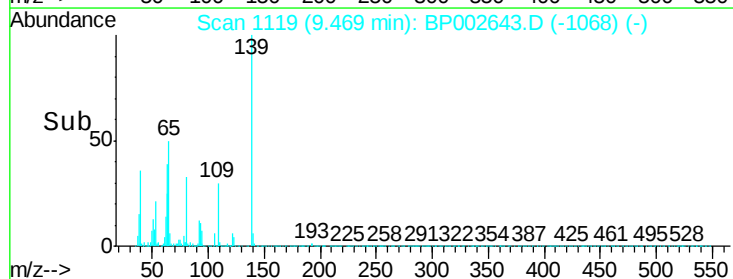
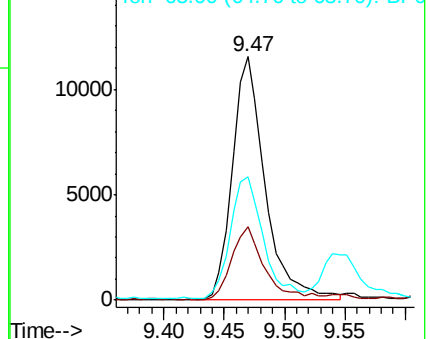
139 100

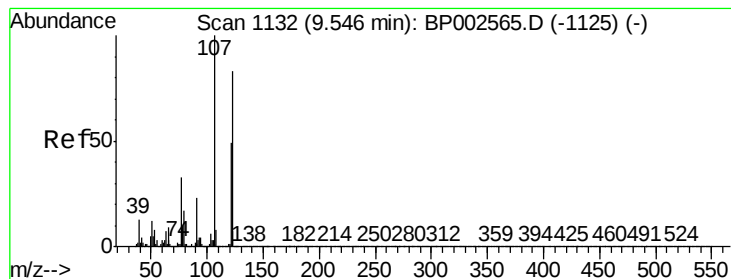
109 29.9 26.0 39.0

65 50.5 41.9 62.9



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





#27

2,4-Dimethylphenol

Concen: 3.934 ng

RT: 9.55 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

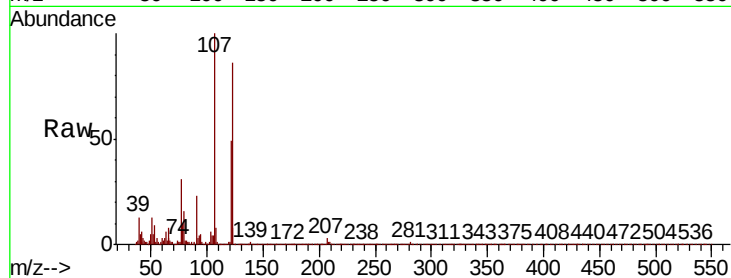
Tot Ion:122 Resp: 42391

Ion Ratio Lower Upper

122 100

107 115.9 95.9 143.9

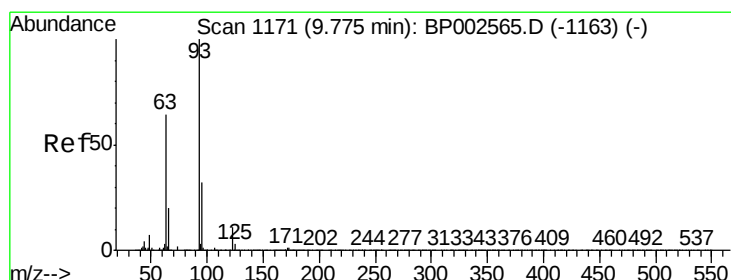
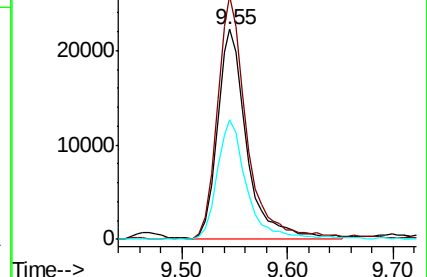
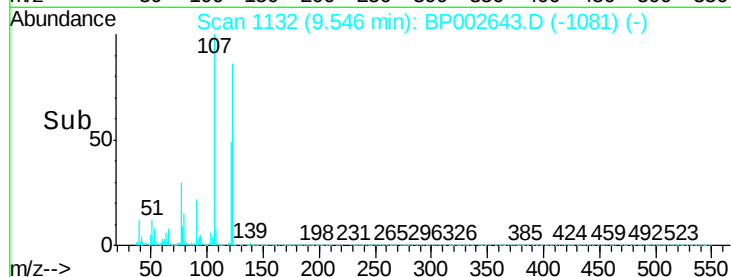
121 56.7 47.0 70.6



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: 3.601 ng

RT: 9.77 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

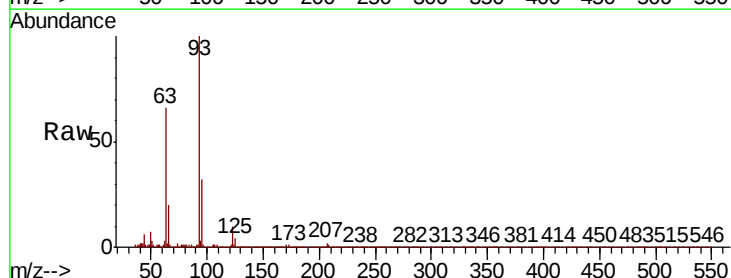
Tgt Ion: 93 Resp: 61069

Ion Ratio Lower Upper

93 100

95 32.2 25.5 38.3

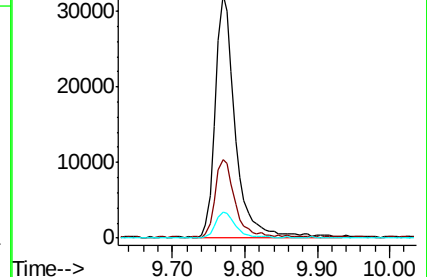
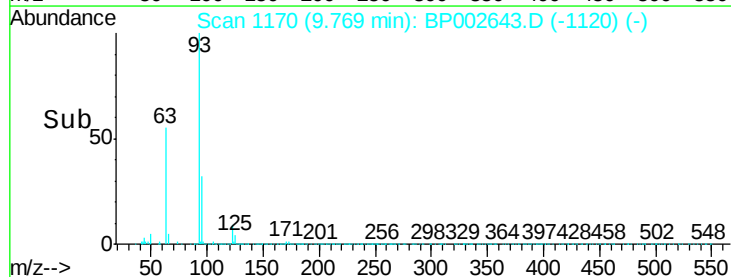
123 10.4 8.7 13.1

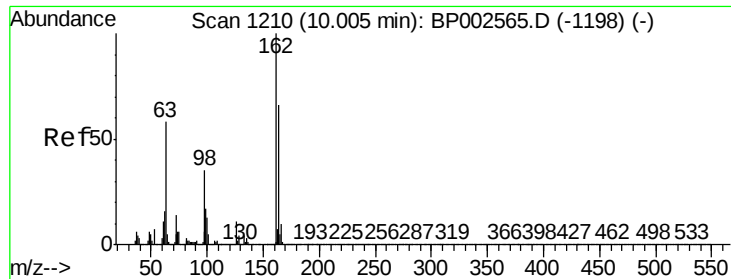


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

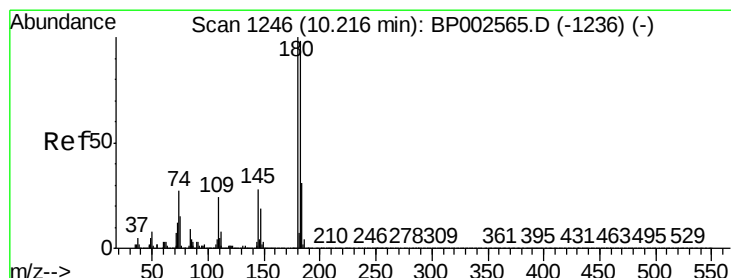
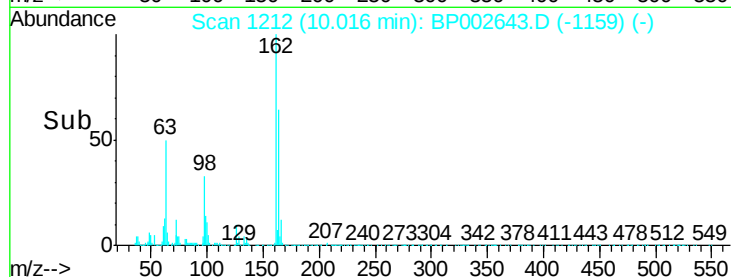
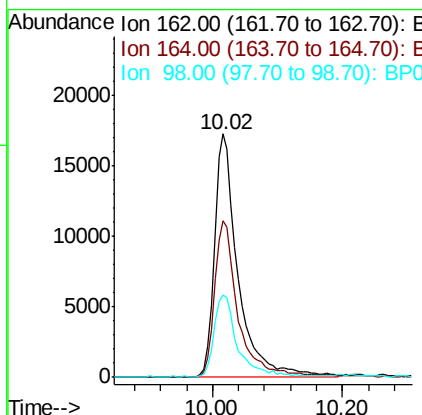
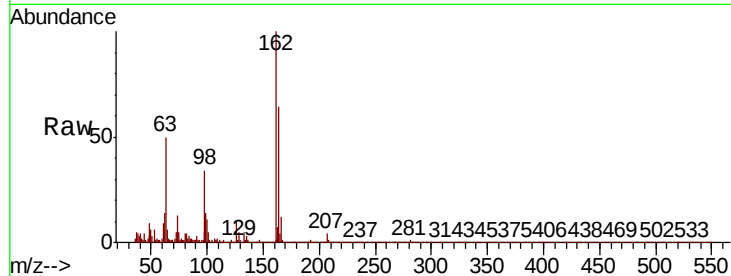




#29
2,4-Dichlorophenol
Concen: 3.479 ng
RT: 10.02 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

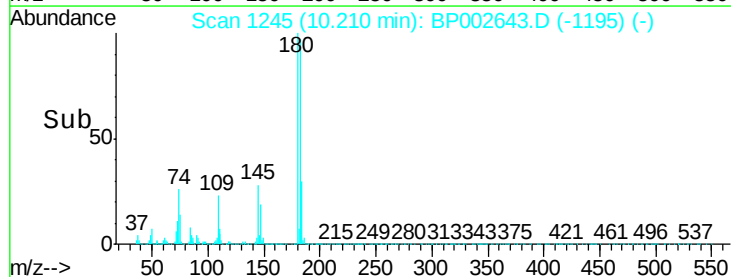
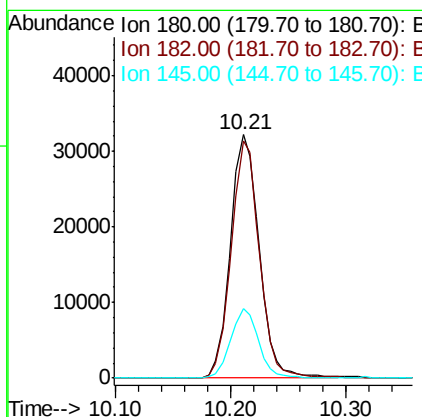
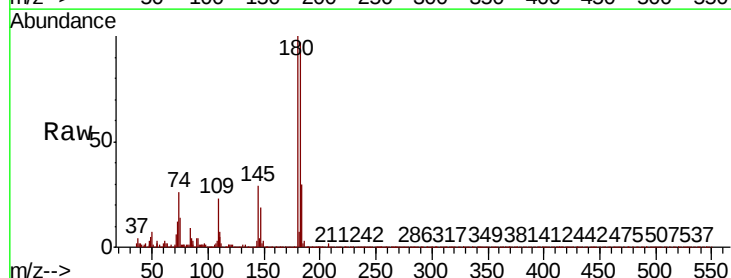
Instrument :
BNA_F
ClientSampleId :

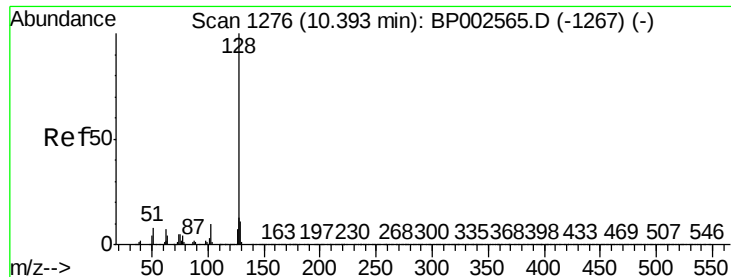
Tot Ion:162 Resp: 43204
Ion Ratio Lower Upper
162 100
164 64.5 46.1 86.1
98 33.6 15.3 55.3



#30
1,2,4-Trichlorobenzene
Concen: 3.989 ng
RT: 10.21 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:180 Resp: 55761
Ion Ratio Lower Upper
180 100
182 97.3 78.2 117.2
145 28.5 22.6 34.0

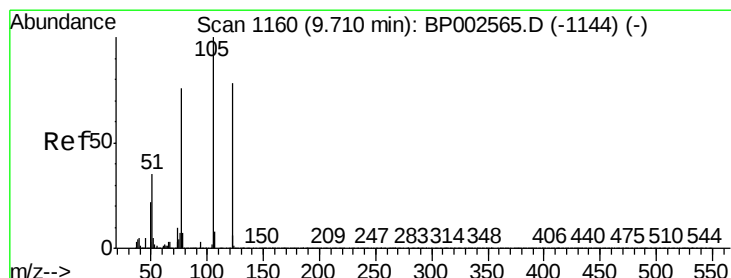
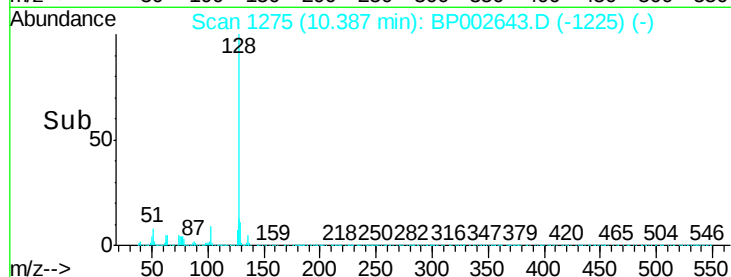
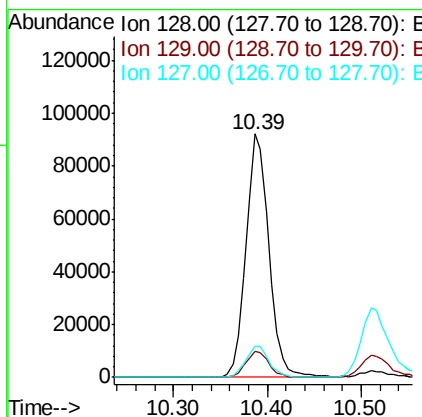
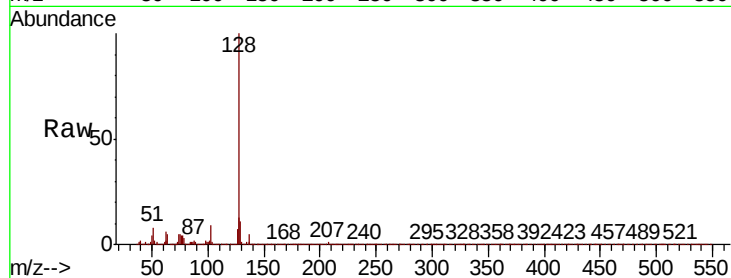




#31
Naphthalene
Concen: 3.854 ng
RT: 10.39 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

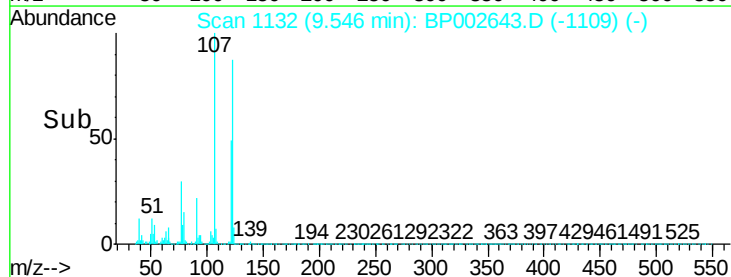
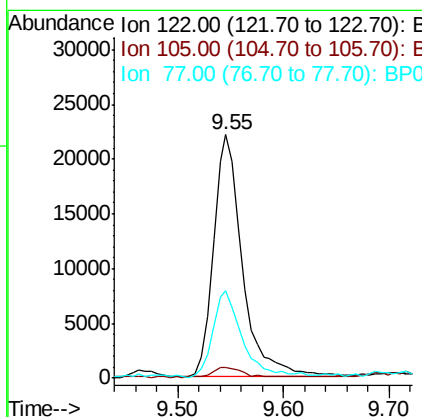
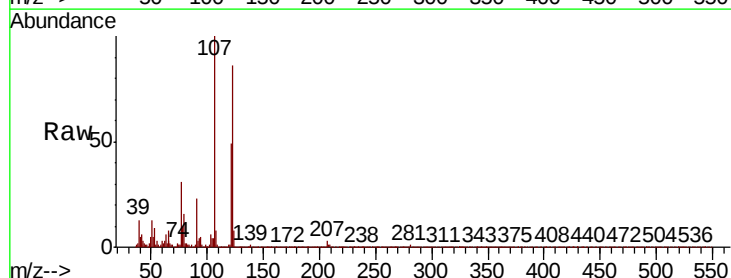
Instrument :
BNA_F
ClientSampleId :

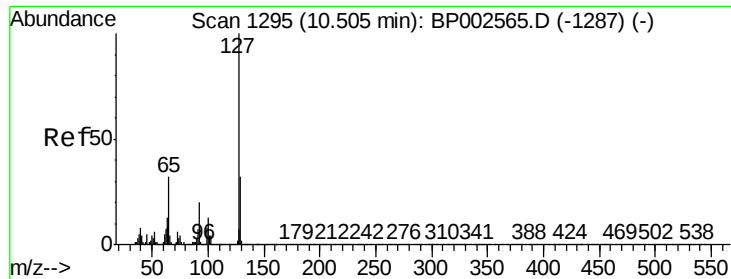
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	12.6	10.3	15.5



#32
Benzoic acid
Concen: 12.801 ng
RT: 9.55 min Scan# 1132
Delta R.T. -0.16 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	4.2	106.6	146.6#
77	35.7	76.5	116.5#

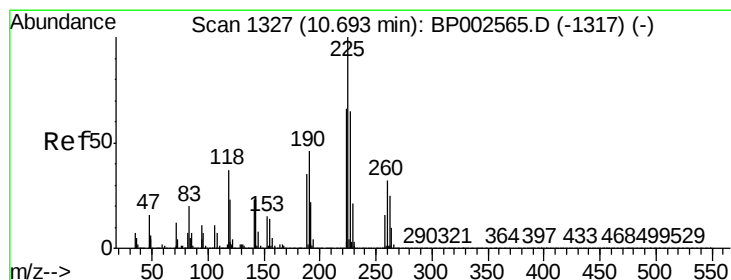
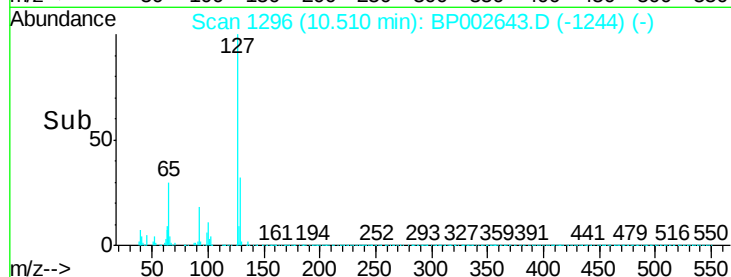
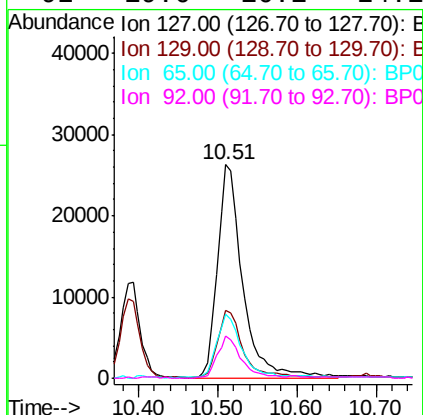
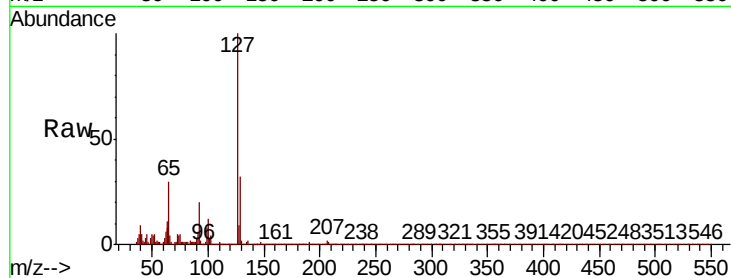




#33
4-Chloroaniline
Concen: 3.290 ng
RT: 10.51 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

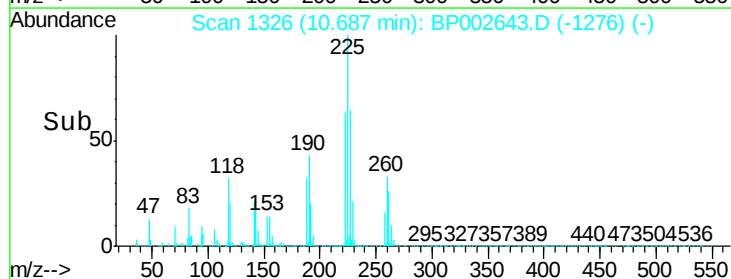
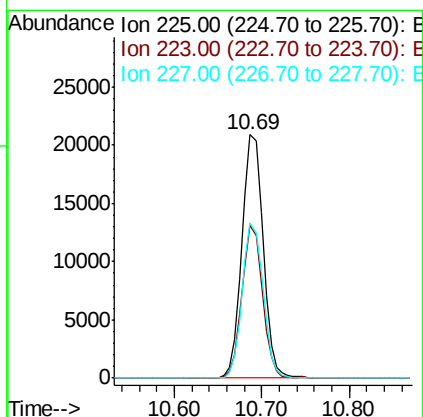
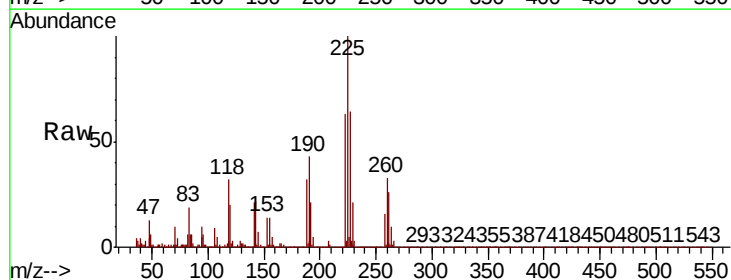
Instrument :
BNA_F
ClientSampleId :

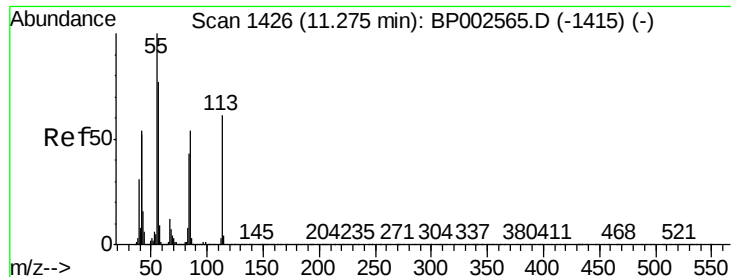
Tot Ion:	127	Resp:	57813
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	30.0	25.7	38.5
92	19.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 3.975 ng
RT: 10.69 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:	225	Resp:	34016
Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.6	78.8
227	63.6	52.1	78.1

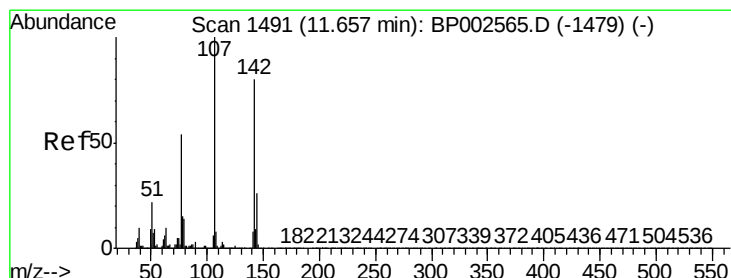
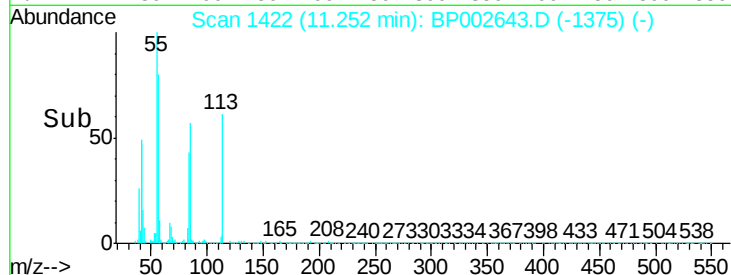
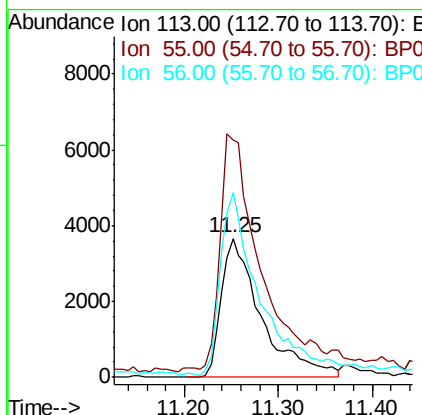
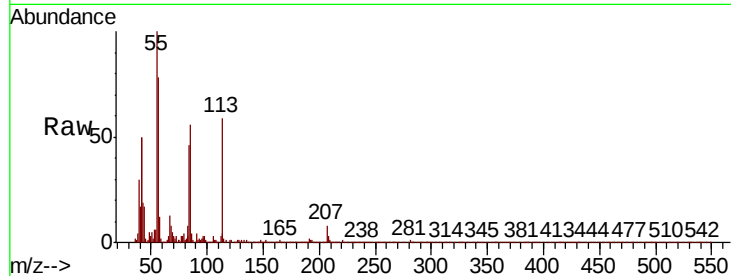




#35
 Caprolactam
 Concen: 2.590 ng
 RT: 11.25 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BP002643.D
 Acq: 06 Jul 2020 11:54

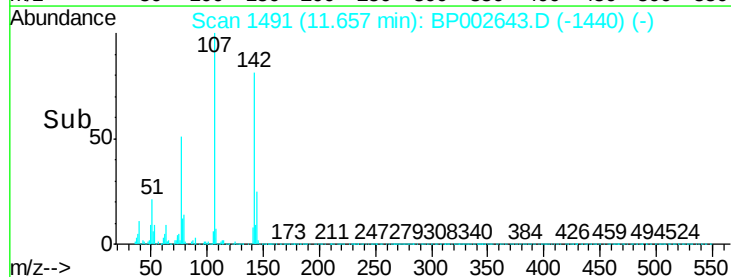
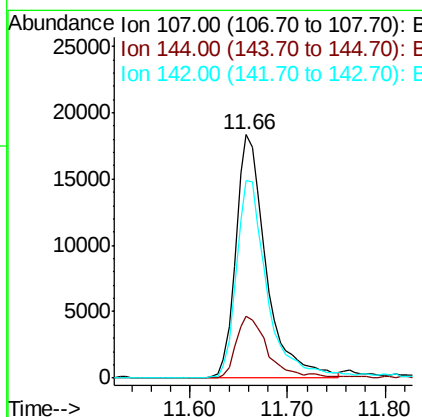
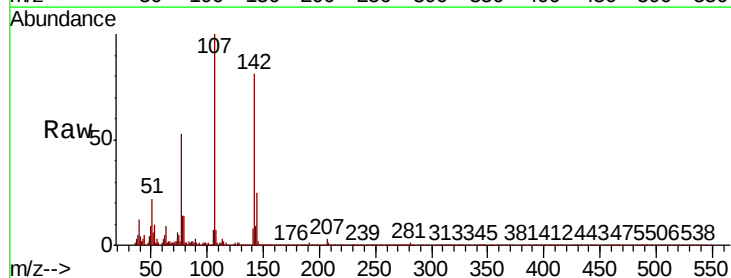
Instrument :
 BNA_F
 ClientSampleId :

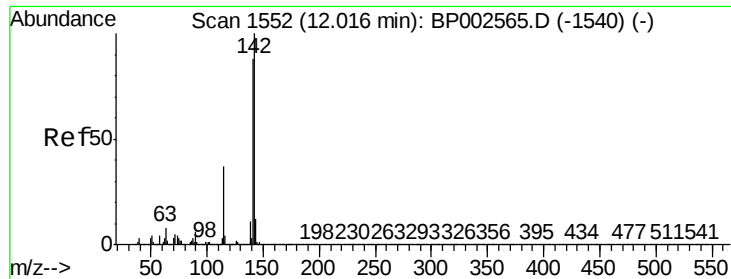
Tot Ion:113 Resp: 10810
 Ion Ratio Lower Upper
 113 100
 55 170.7 143.7 183.7
 56 133.2 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 2.907 ng
 RT: 11.66 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BP002643.D
 Acq: 06 Jul 2020 11:54

Tgt Ion:107 Resp: 39570
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.0 31.6
 142 80.9 63.9 95.9

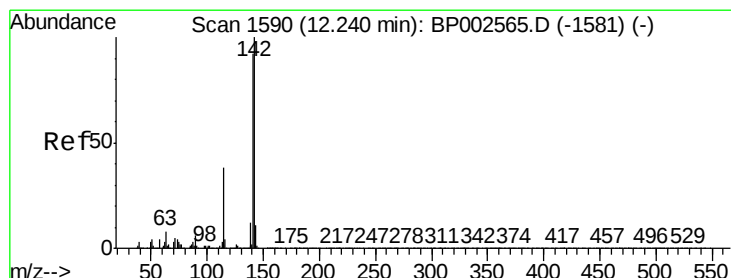
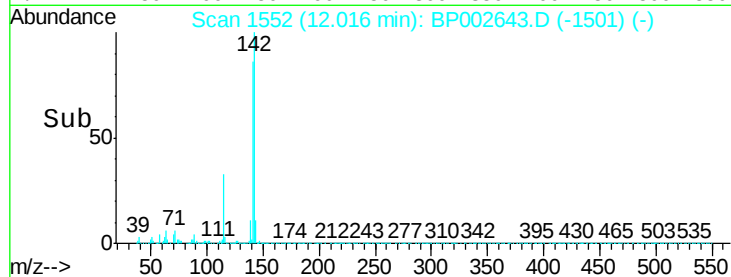
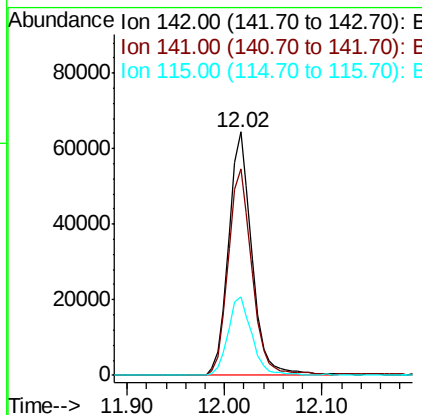
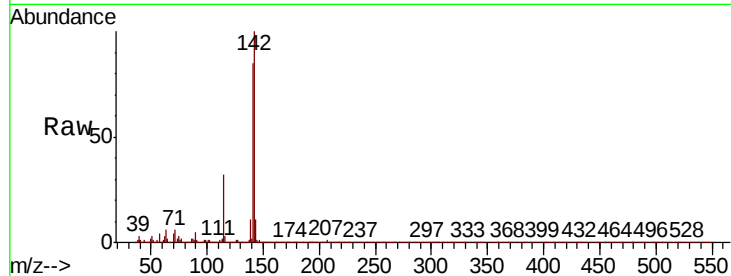




#37
2-Methylnaphthalene
Concen: 3.624 ng
RT: 12.02 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

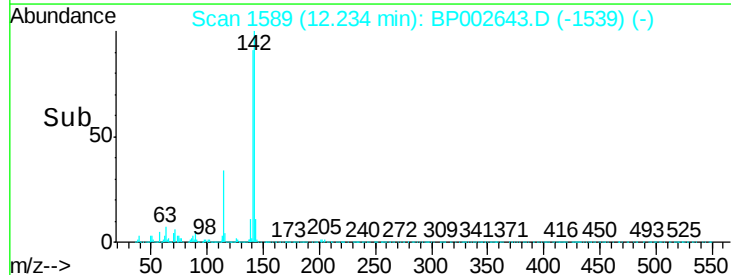
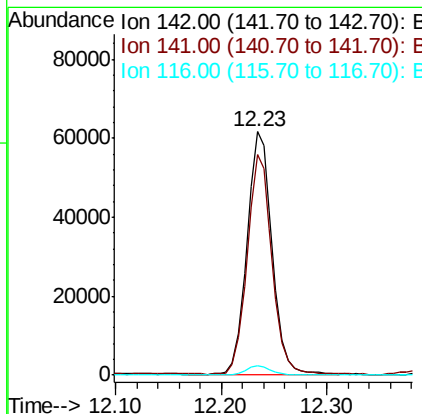
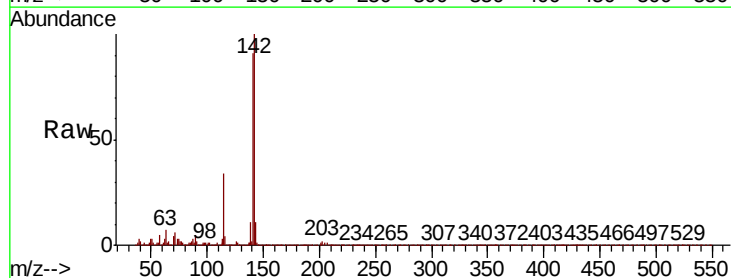
Instrument :
BNA_F
ClientSampleId :

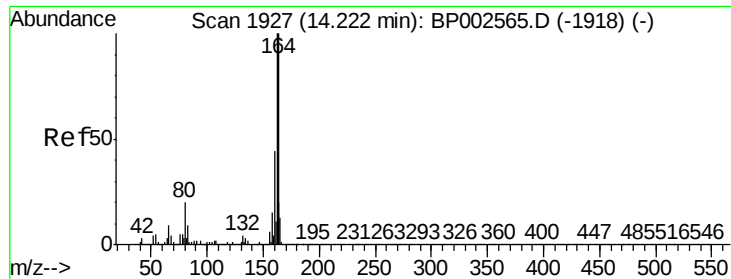
Tot Ion	Ratio	Lower	Upper
142	100		
141	85.1	70.7	106.1
115	32.4	29.7	44.5



#38
1-Methylnaphthalene
Concen: 3.657 ng
RT: 12.23 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.4	110.2
116	3.9	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

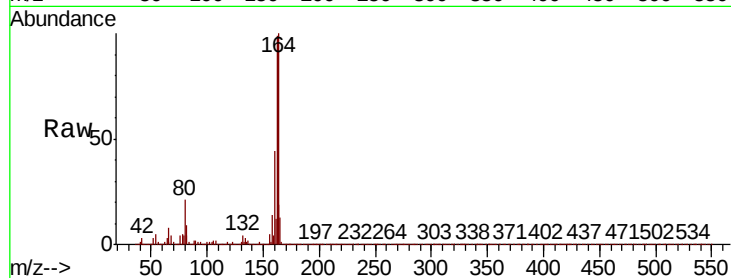
Tot Ion:164 Resp: 440566

Ion Ratio Lower Upper

164 100

162 99.3 80.3 120.5

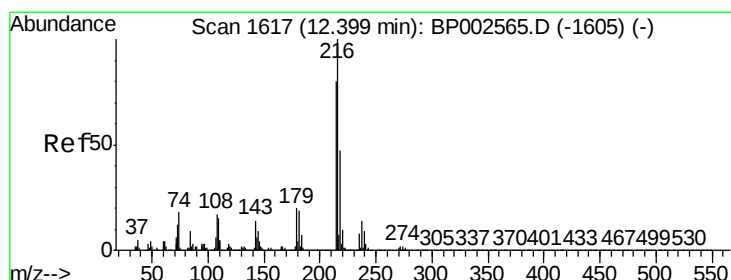
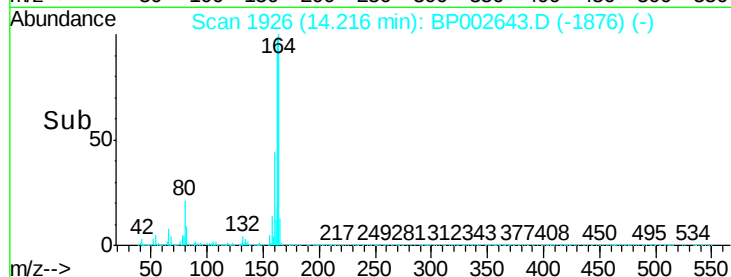
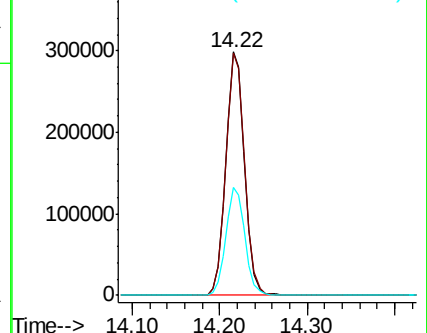
160 44.5 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.486 ng

RT: 12.40 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion:216 Resp: 61715

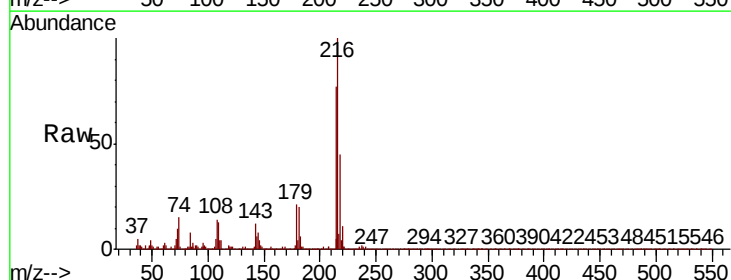
Ion Ratio Lower Upper

216 100

214 77.1 63.2 94.8

179 19.5 16.6 24.8

108 15.7 14.9 22.3

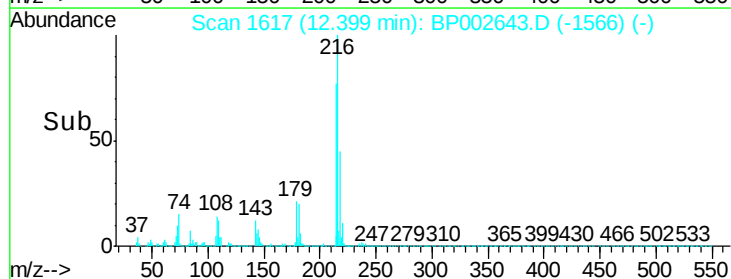
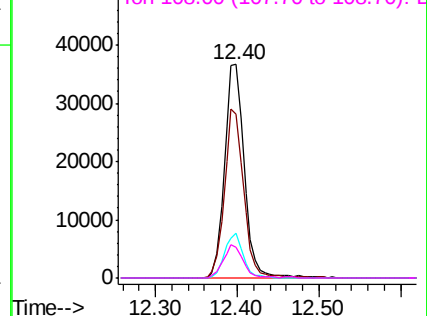


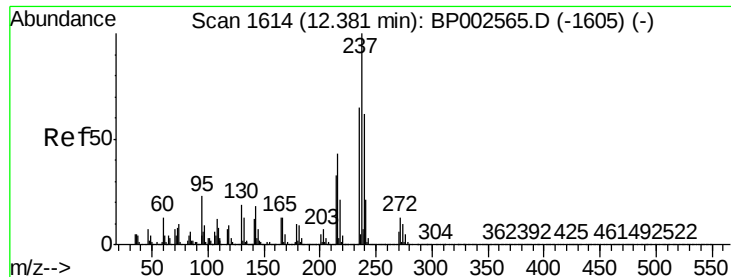
Abundance Ion 216.00 (215.70 to 216.70): E

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: 5.529 ng

RT: 12.38 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

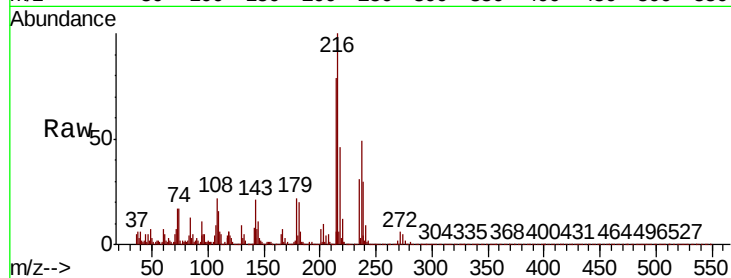
Tot Ion:237 Resp: 8720

Ion Ratio Lower Upper

237 100

235 63.0 45.4 85.4

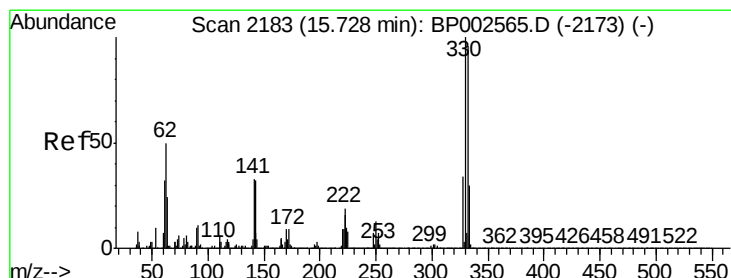
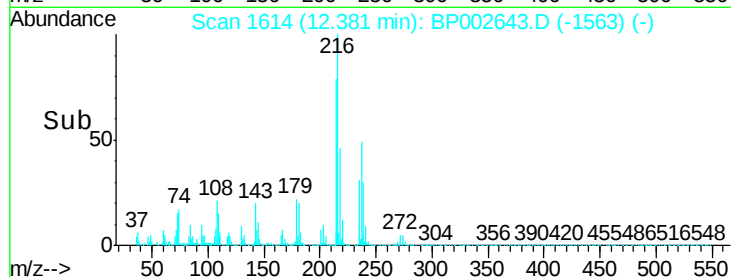
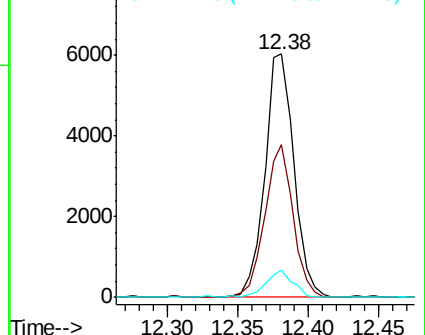
272 11.4 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 119.218 ng

RT: 15.72 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

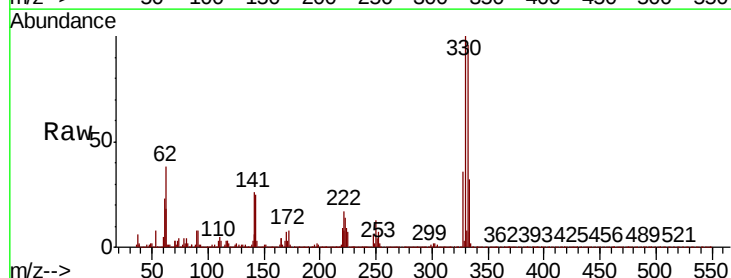
Tgt Ion:330 Resp: 638834

Ion Ratio Lower Upper

330 100

332 97.4 77.7 116.5

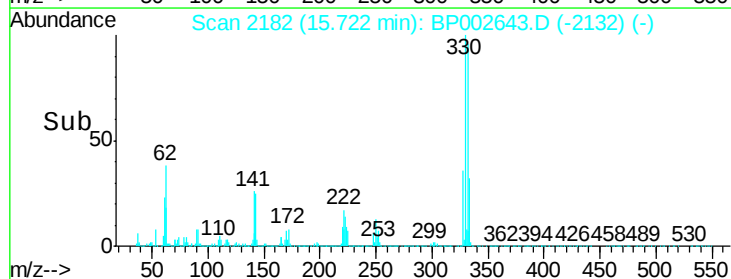
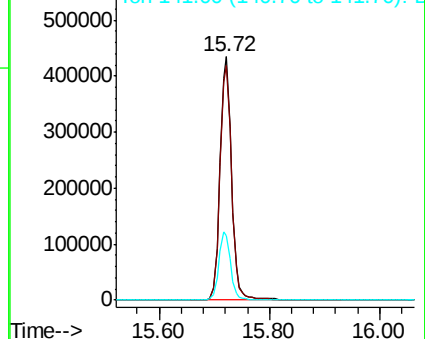
141 28.3 29.0 43.6#

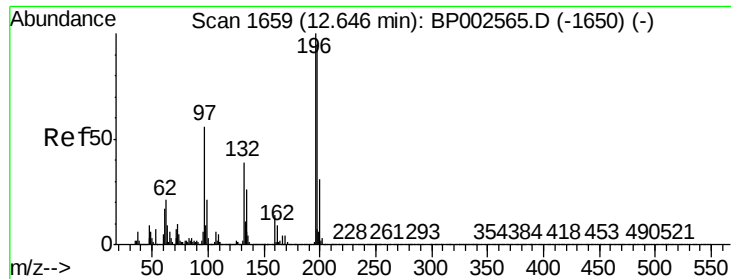


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

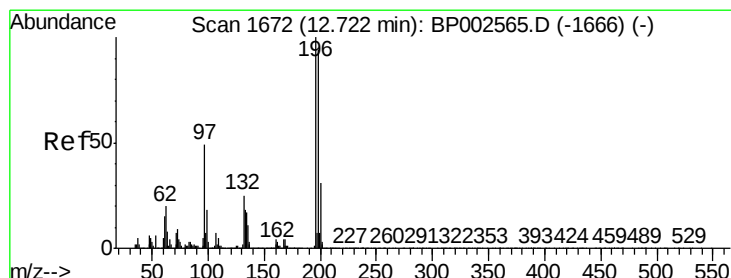
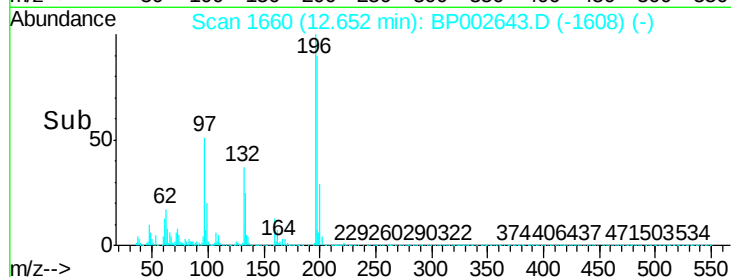
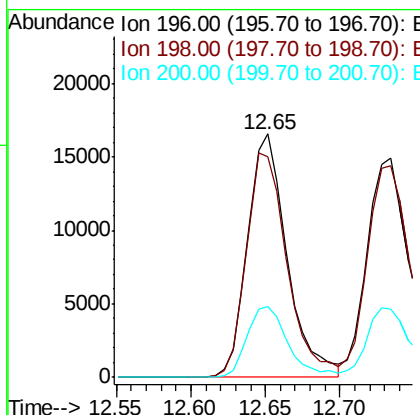
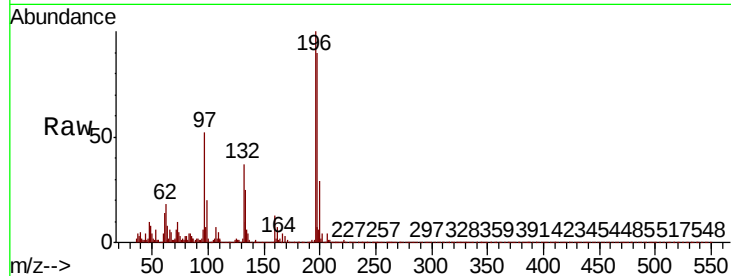




#43
 2,4,6-Trichlorophenol
 Concen: 3.254 ng
 RT: 12.65 min Scan# 1660
 Delta R.T. 0.01 min
 Lab File: BP002643.D
 Acq: 06 Jul 2020 11:54

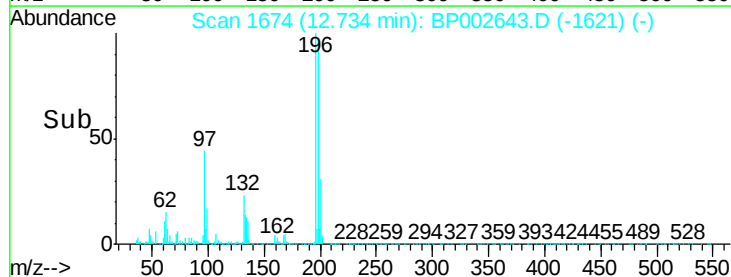
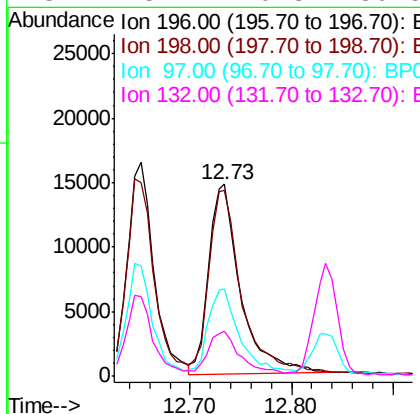
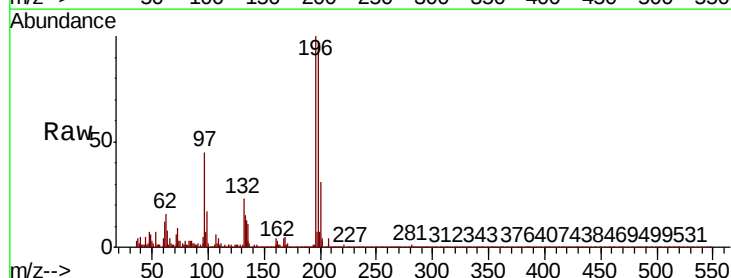
Instrument :
 BNA_F
 ClientSampleId :

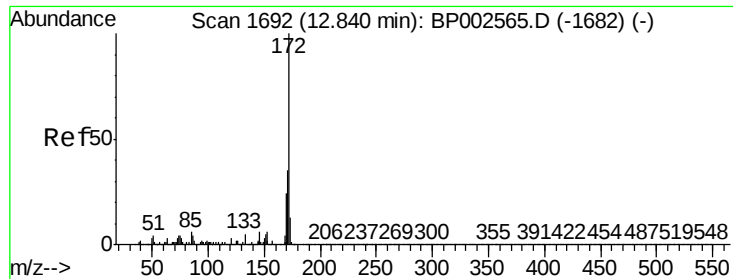
Tot Ion:196 Resp: 30289
 Ion Ratio Lower Upper
 196 100
 198 90.5 75.3 112.9
 200 29.2 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 2.998 ng
 RT: 12.73 min Scan# 1674
 Delta R.T. 0.01 min
 Lab File: BP002643.D
 Acq: 06 Jul 2020 11:54

Tgt Ion:196 Resp: 32121
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.4 113.0
 97 45.1 39.3 58.9
 132 23.2 20.3 30.5

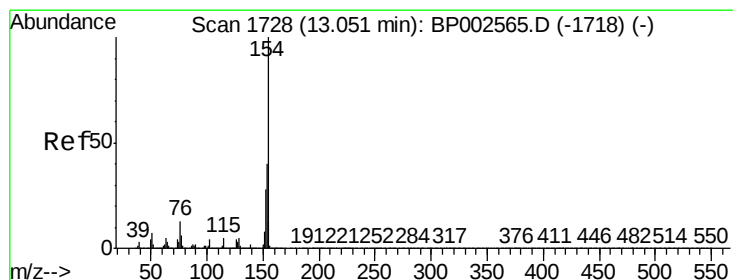
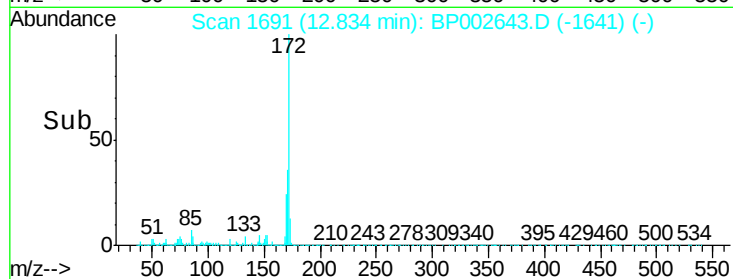
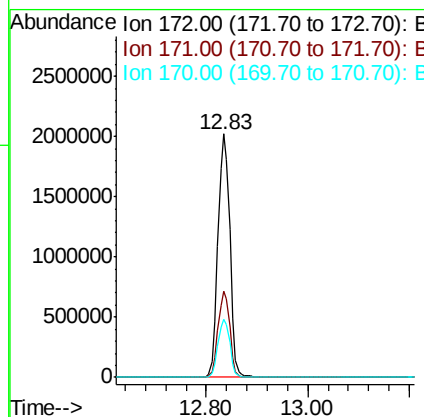
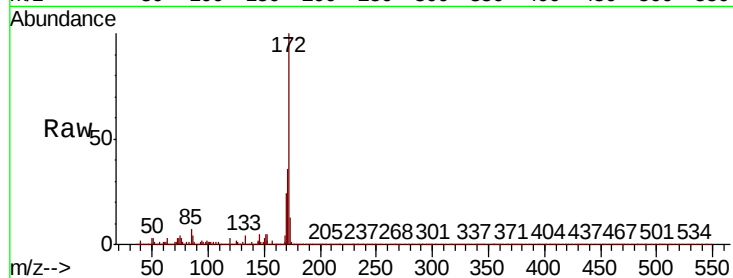




#45
2-Fluorobiphenyl
Concen: 109.862 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

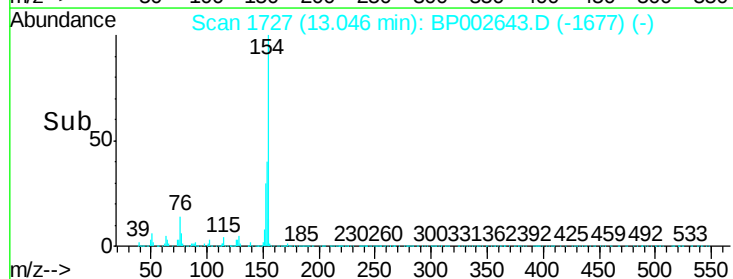
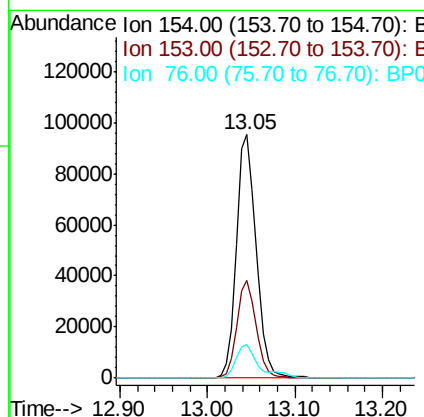
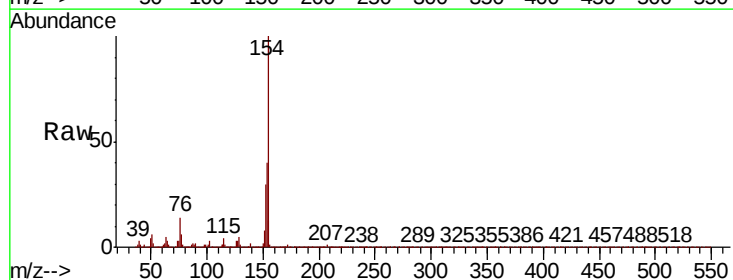
Instrument :
BNA_F
ClientSampled :

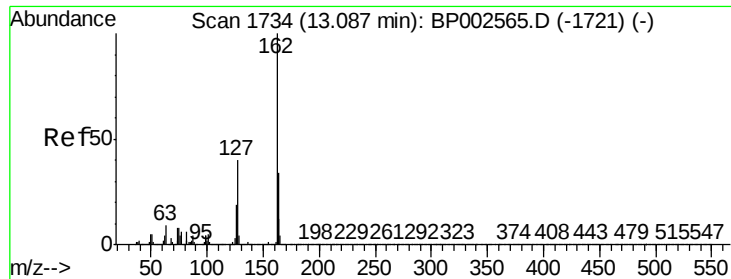
Tot Ion:172 Resp: 3288514
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 4.359 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:154 Resp: 145253
Ion Ratio Lower Upper
154 100
153 40.3 20.0 60.0
76 13.6 0.0 33.0

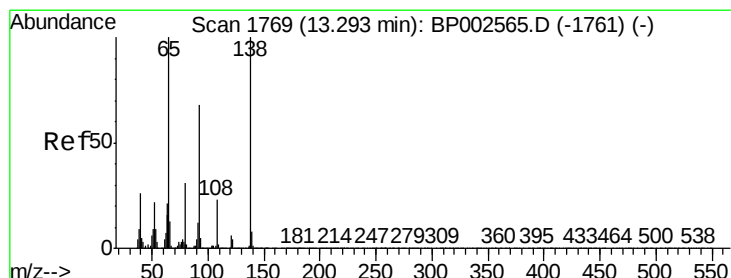
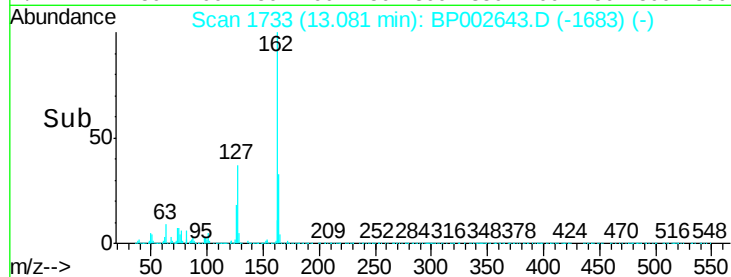
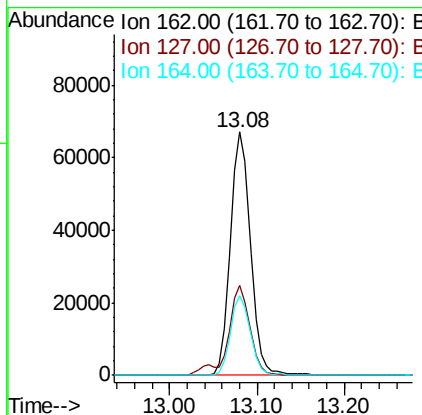
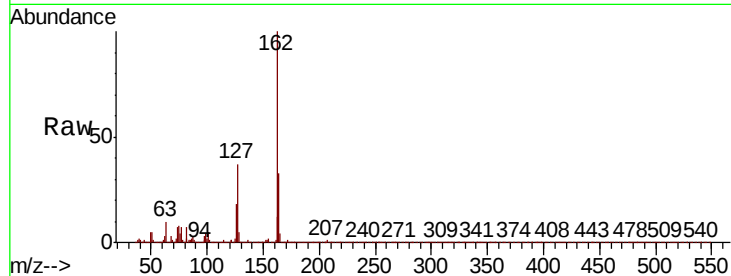




#47
2-Chloronaphthalene
Concen: 3.844 ng
RT: 13.08 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

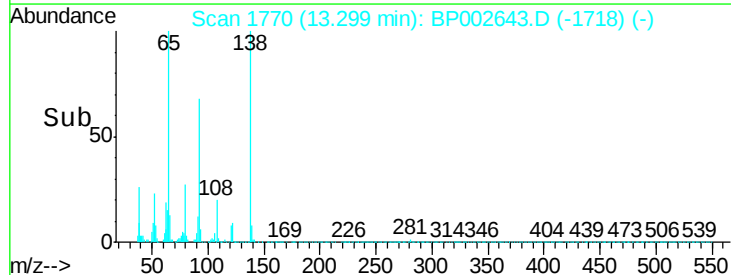
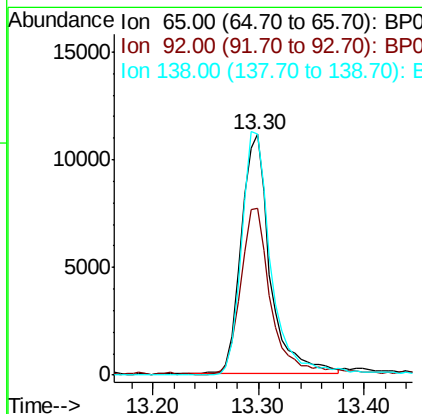
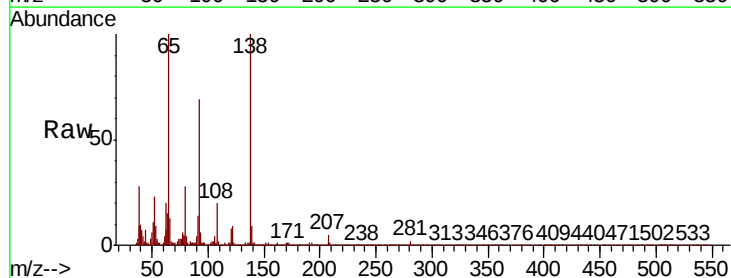
Instrument :
BNA_F
ClientSampleId :

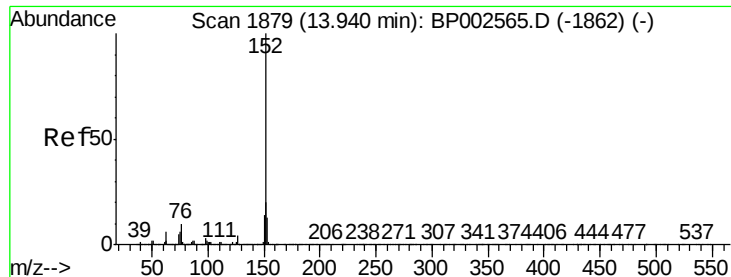
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	31.7	47.5
164	32.7	27.3	40.9



#48
2-Nitroaniline
Concen: 2.437 ng
RT: 13.30 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	54.2	81.4
138	100.1	79.8	119.8





#49

Acenaphthylene

Concen: 3.669 ng

RT: 13.93 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

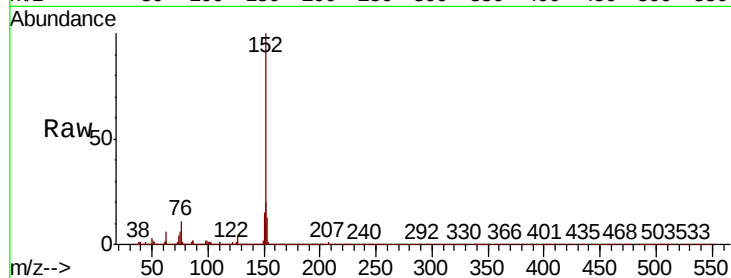
Tot Ion:152 Resp: 156638

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

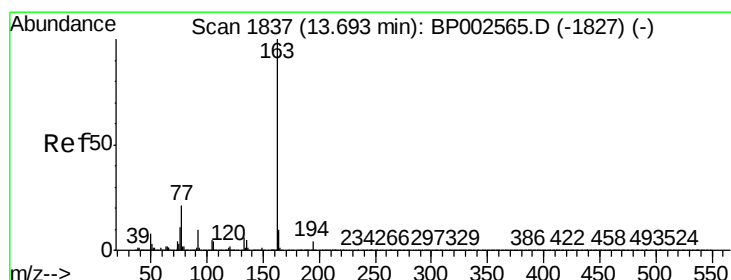
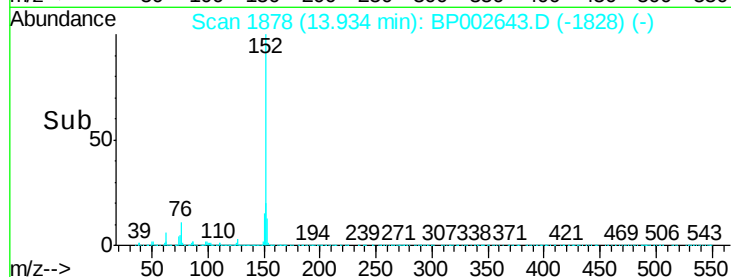
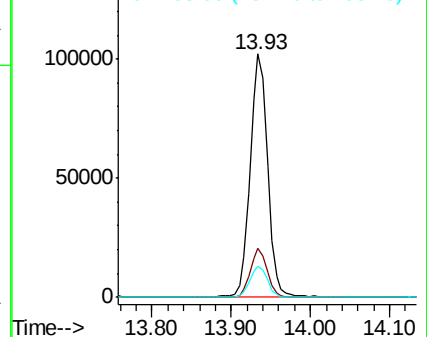
153 13.0 10.2 15.2



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: 3.376 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

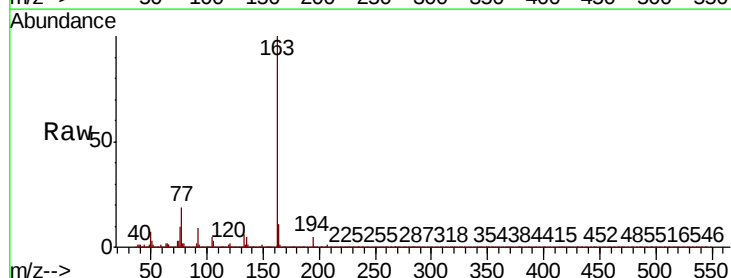
Tgt Ion:163 Resp: 116832

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

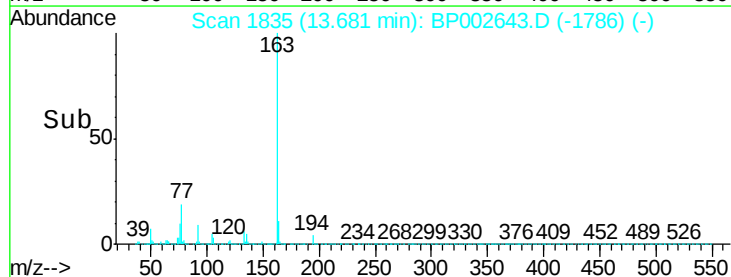
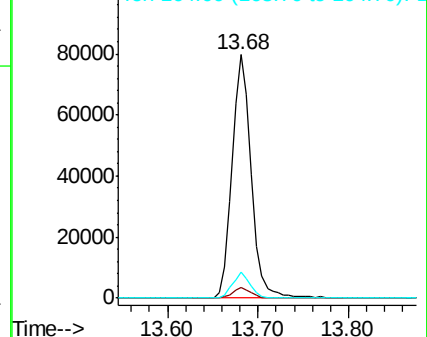
164 10.9 8.2 12.4

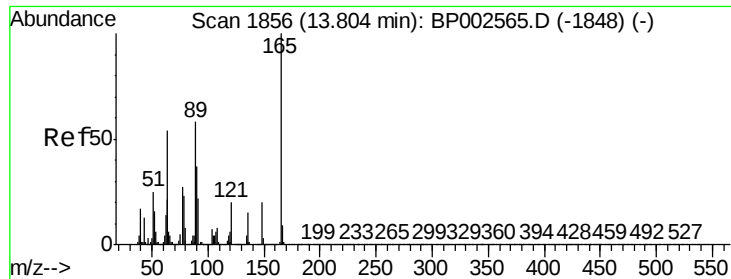


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

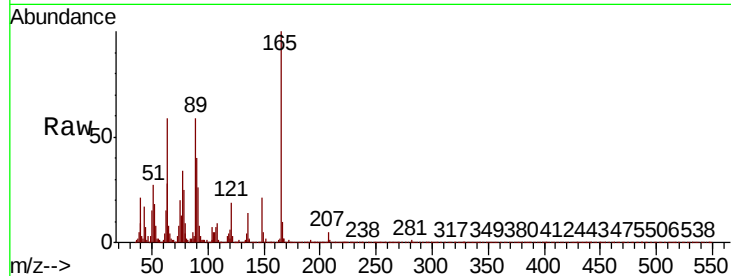




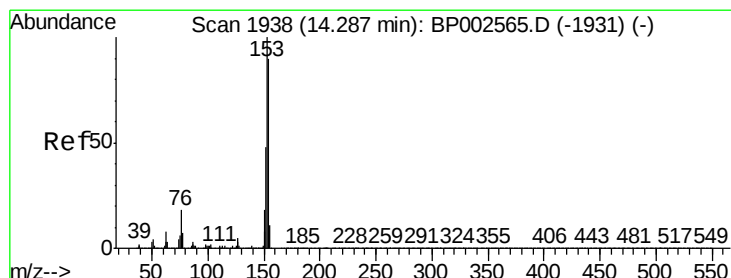
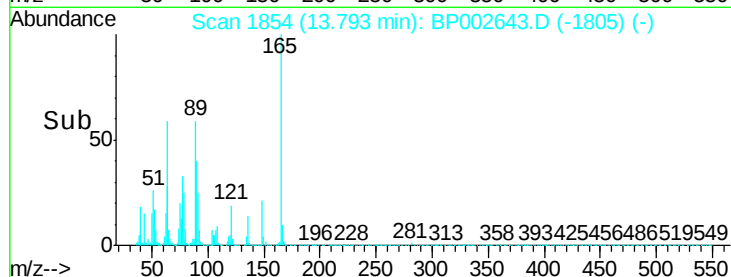
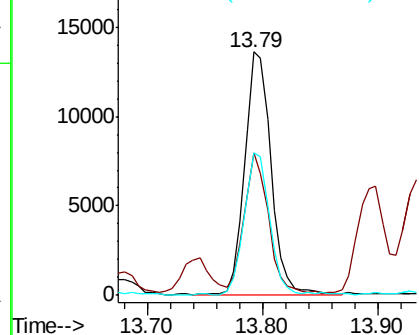
#51
2,6-Dinitrotoluene
Concen: 2.848 ng
RT: 13.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 21284
Ion Ratio Lower Upper
165 100
63 58.7 46.6 69.8
89 58.7 46.3 69.5

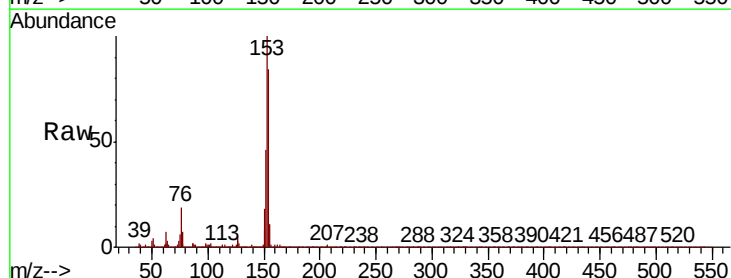


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

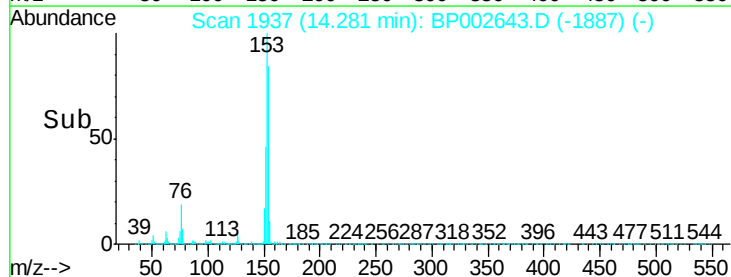
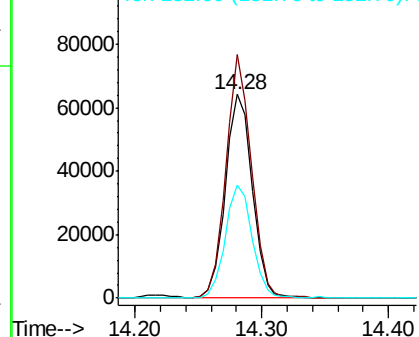


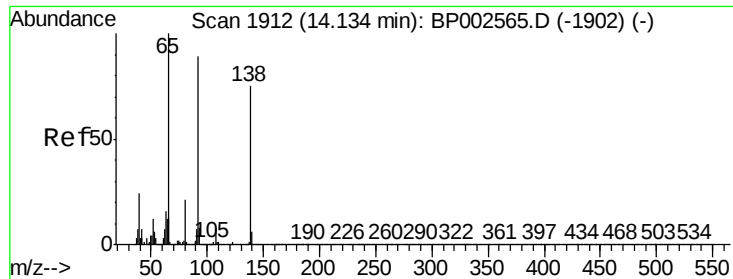
#52
Acenaphthene
Concen: 3.724 ng
RT: 14.28 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:154 Resp: 93797
Ion Ratio Lower Upper
154 100
153 119.7 89.1 133.7
152 55.5 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

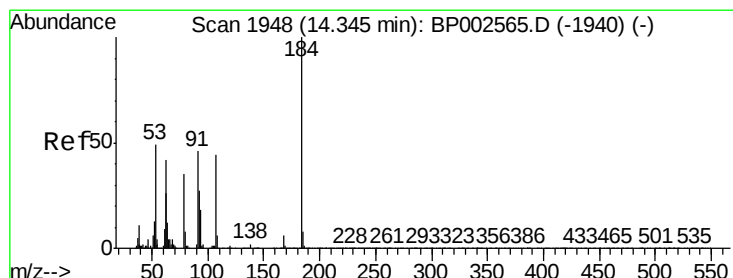
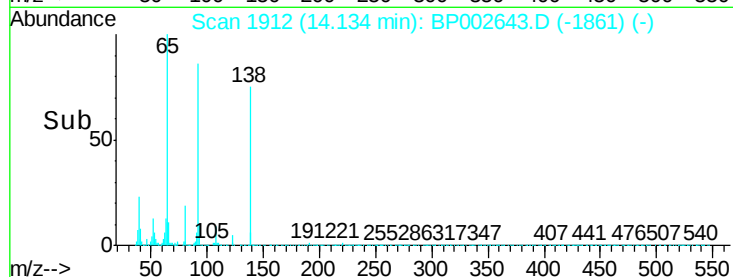
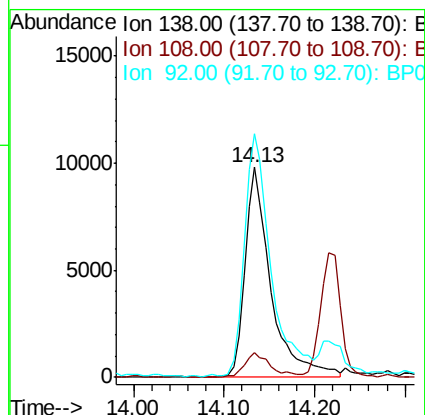
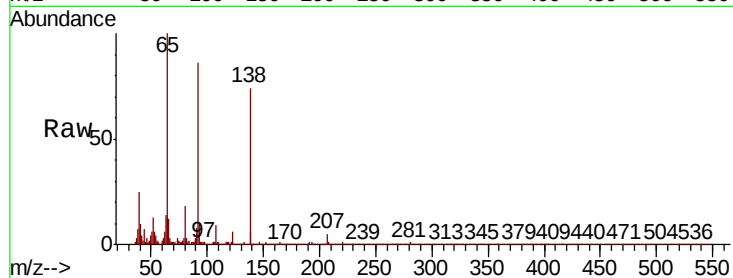




#53
3-Nitroaniline
Concen: 2.381 ng
RT: 14.13 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

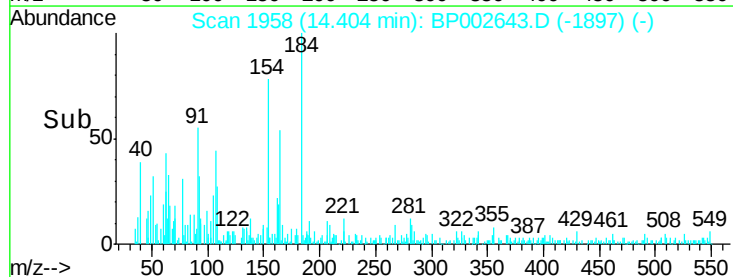
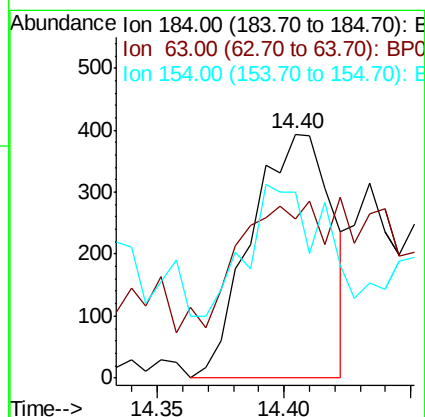
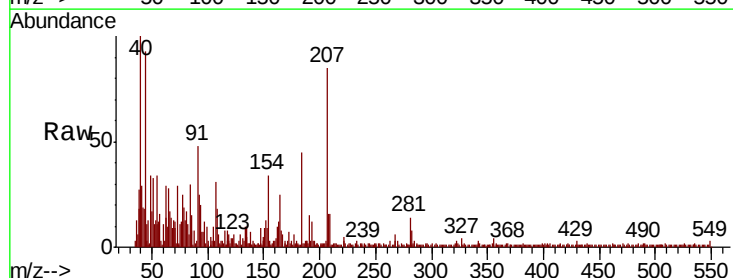
Instrument :
BNA_F
ClientSampleId :

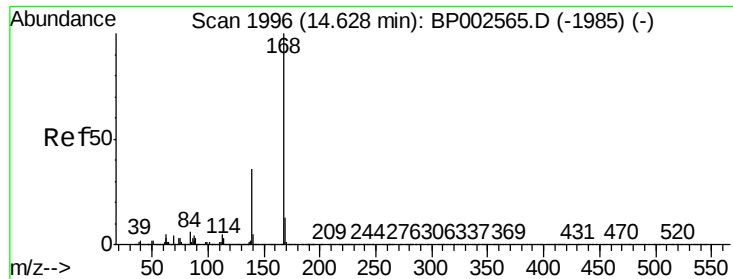
Tot Ion:138 Resp: 19376
Ion Ratio Lower Upper
138 100
108 12.0 8.6 12.8
92 116.0 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 6.182 ng
RT: 14.40 min Scan# 1958
Delta R.T. 0.06 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:184 Resp: 873
Ion Ratio Lower Upper
184 100
63 65.1 56.2 84.2
154 76.6 50.9 76.3#





#55

Dibenzenofuran

Concen: 3.841 ng

RT: 14.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

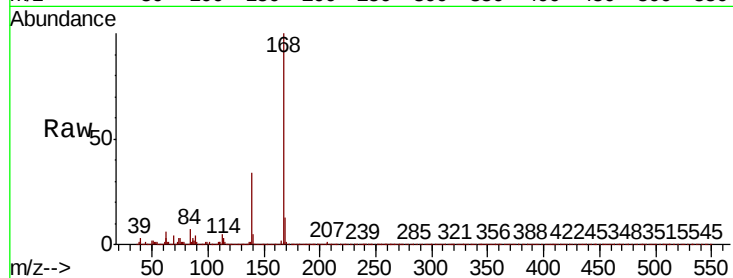
Tot Ion:168 Resp: 156788

Ion Ratio Lower Upper

168 100

139 34.1 29.3 43.9

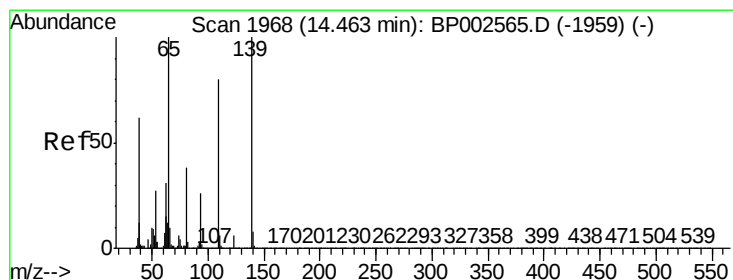
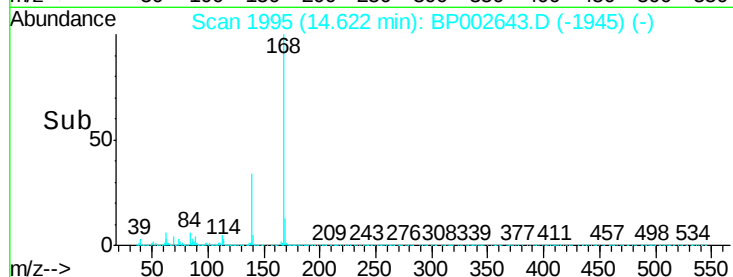
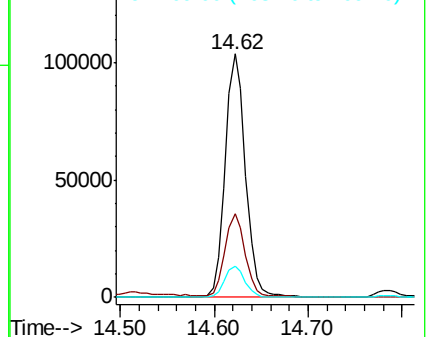
169 12.9 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 3.627 ng

RT: 14.52 min Scan# 1977

Delta R.T. 0.05 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

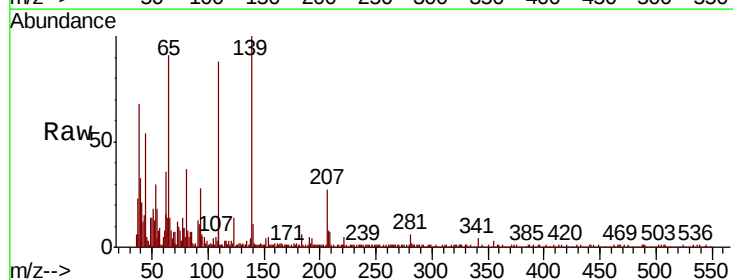
Tgt Ion:139 Resp: 7888

Ion Ratio Lower Upper

139 100

109 88.0 60.1 100.1

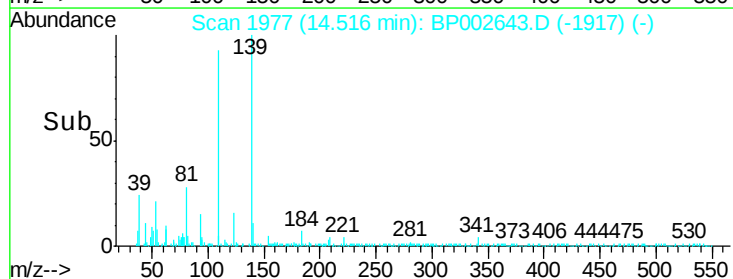
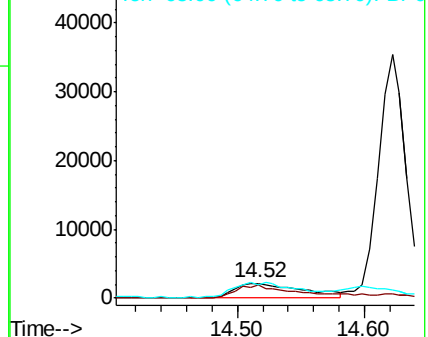
65 91.4 80.3 120.3

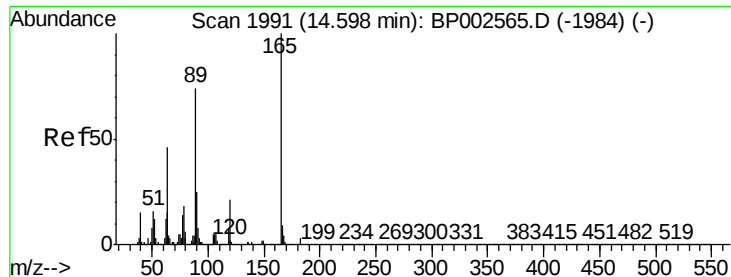


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

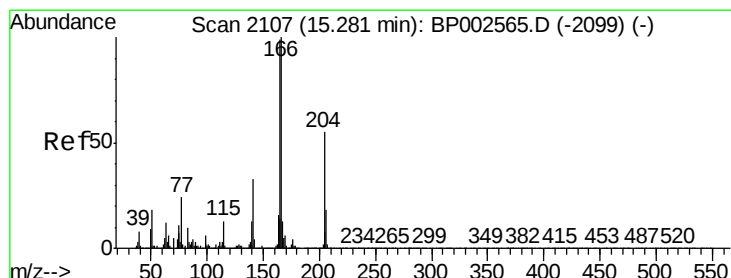
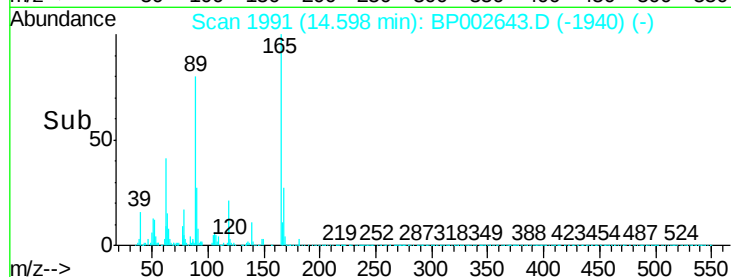
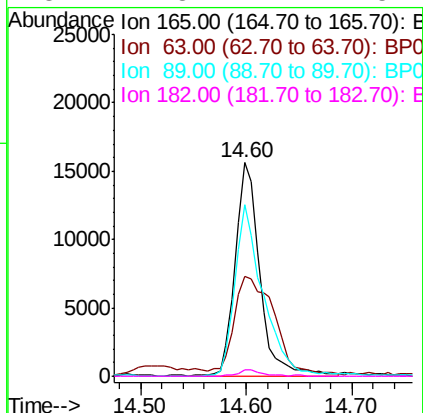
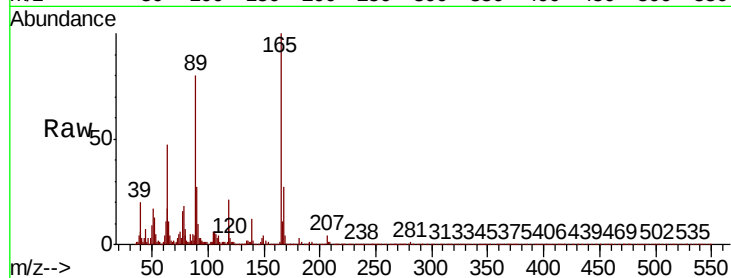




#57
2,4-Dinitrotoluene
Concen: 2.480 ng
RT: 14.60 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

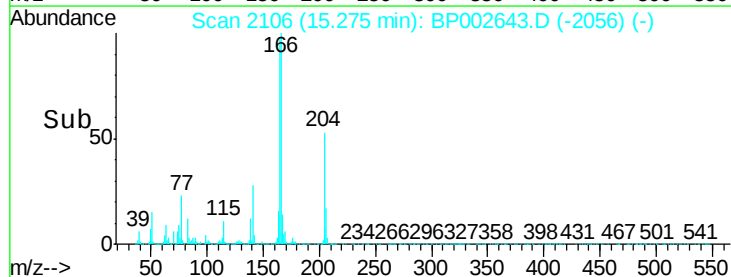
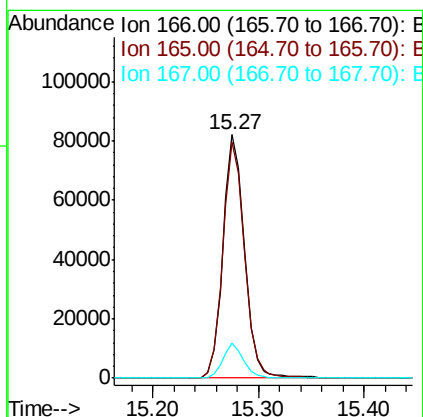
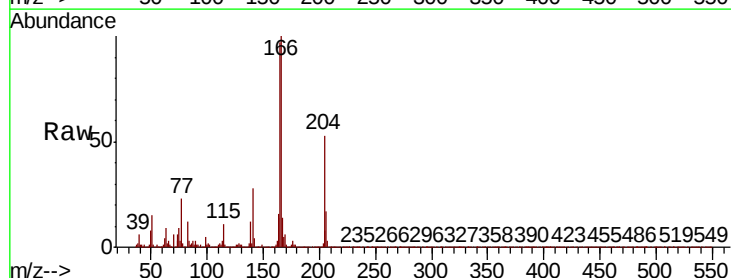
Instrument :
BNA_F
ClientSampleId :

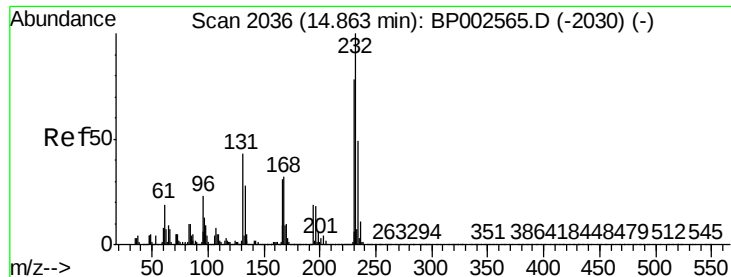
Tot Ion:165 Resp: 24932
Ion Ratio Lower Upper
165 100
63 47.0 37.3 55.9
89 80.2 59.4 89.0
182 2.8 2.2 3.2



#58
Fluorene
Concen: 3.738 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:166 Resp: 116210
Ion Ratio Lower Upper
166 100
165 97.0 79.1 118.7
167 14.3 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.000 ng

RT: 14.87 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 25972

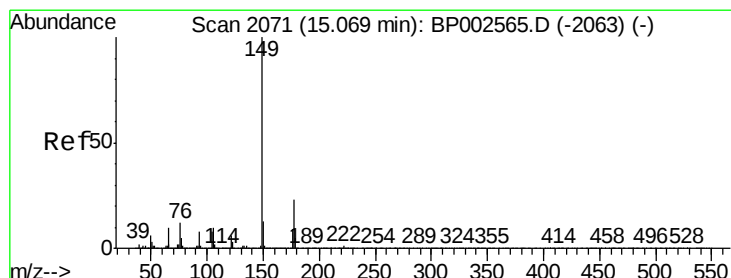
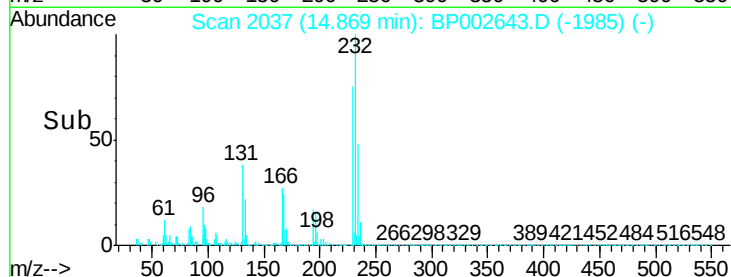
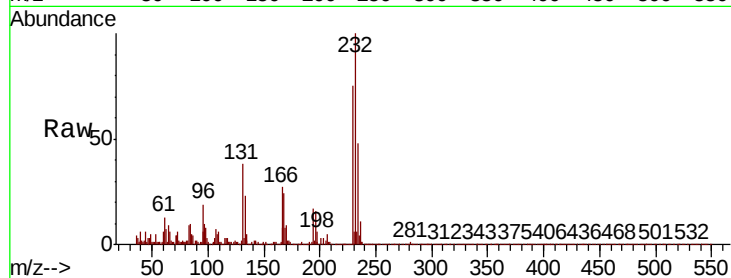
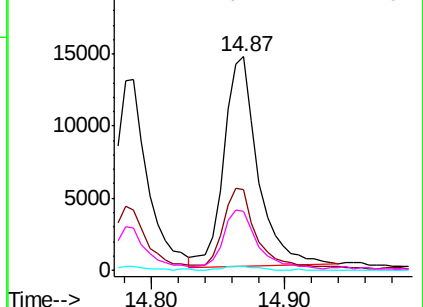
Ion	Ratio	Lower	Upper
232	100		
131	38.5	34.4	51.6
130	2.1	1.8	2.6
166	29.1	24.5	36.7

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: 3.181 ng

RT: 15.06 min Scan# 2070

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

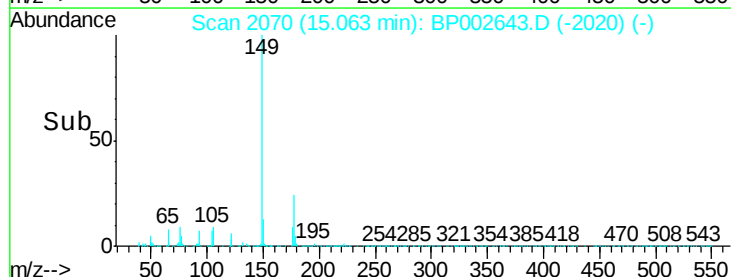
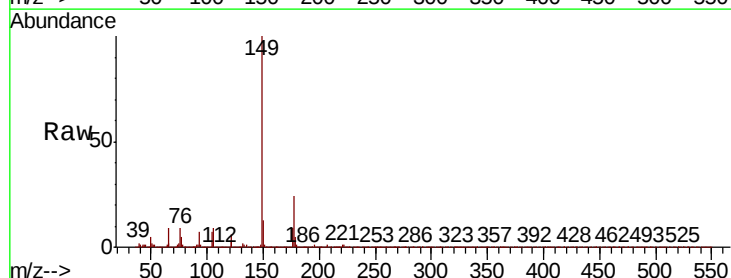
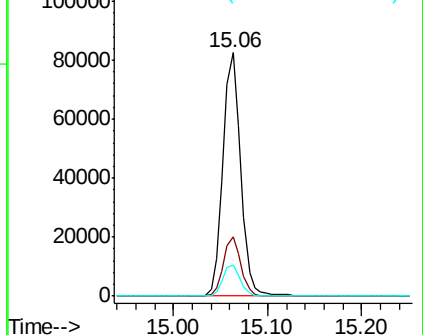
Tgt Ion:149 Resp: 109447

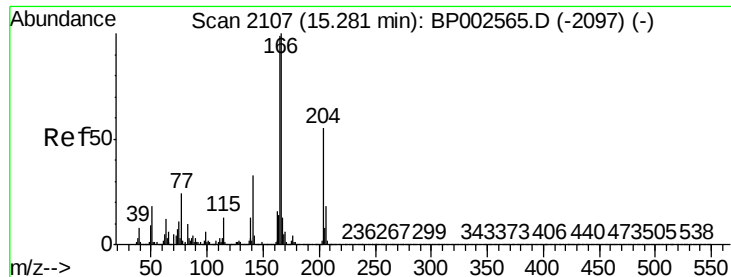
Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.6	27.8
150	12.8	10.2	15.2

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

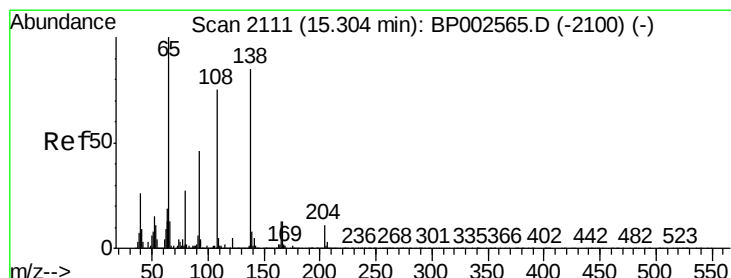
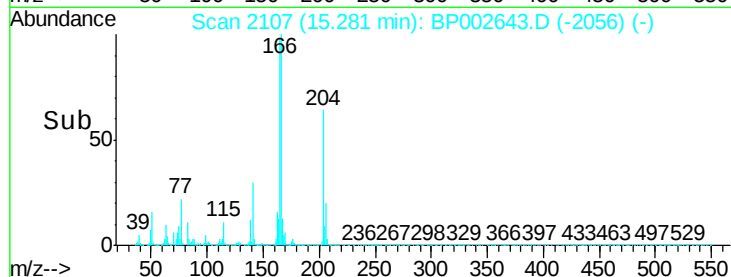
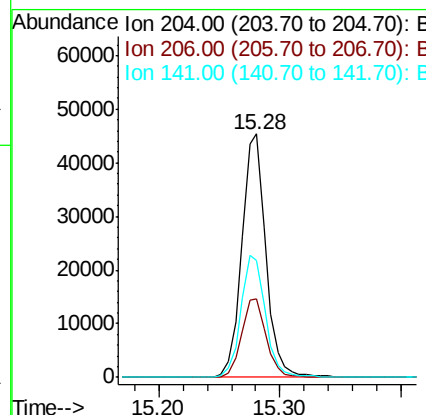
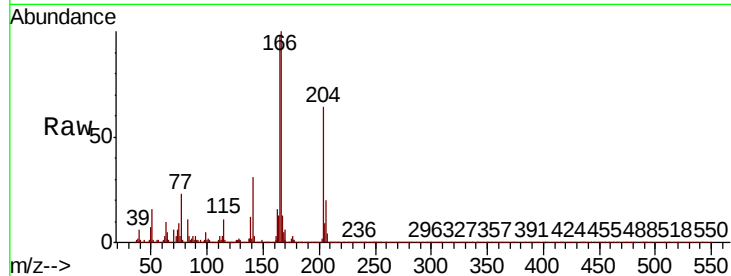




#61
4-Chlorophenyl-phenylether
Concen: 3.774 ng
RT: 15.28 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

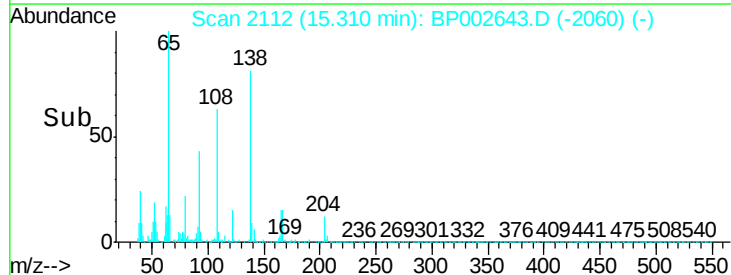
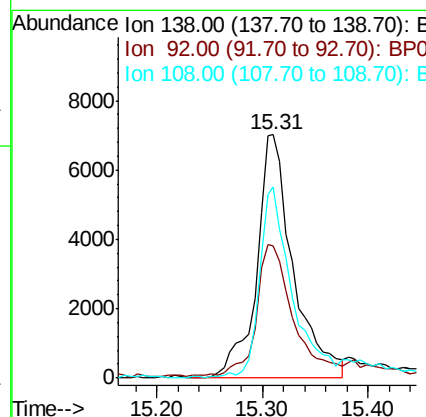
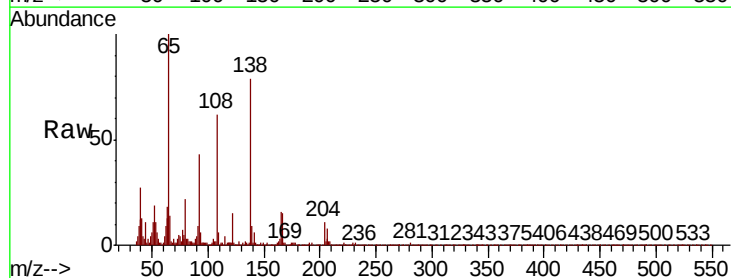
Instrument :
BNA_F
ClientSampled :

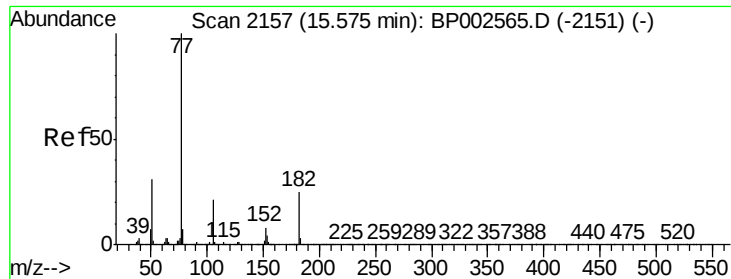
Tot Ion:204 Resp: 62921
Ion Ratio Lower Upper
204 100
206 32.0 26.6 39.8
141 47.9 47.7 71.5



#62
4-Nitroaniline
Concen: 2.077 ng
RT: 15.31 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:138 Resp: 16892
Ion Ratio Lower Upper
138 100
92 54.5 33.9 73.9
108 78.5 67.8 107.8

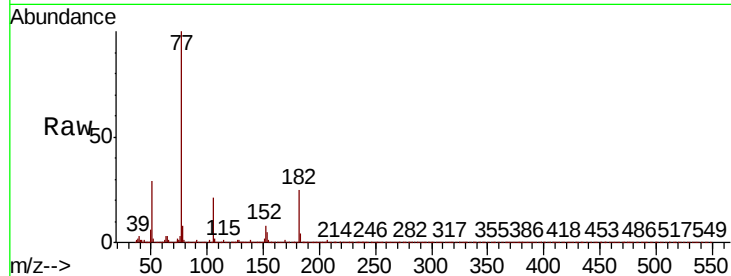




#63
Azobenzene
Concen: 3.174 ng
RT: 15.57 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	105591
Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.7	44.7
105	20.5	0.6	40.6
51	28.7	11.2	51.2

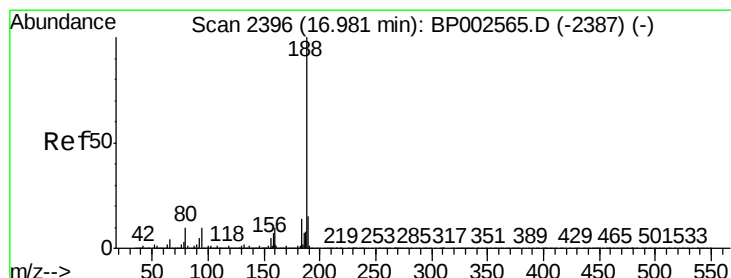
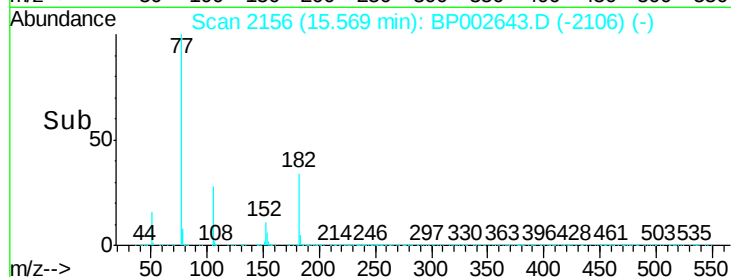
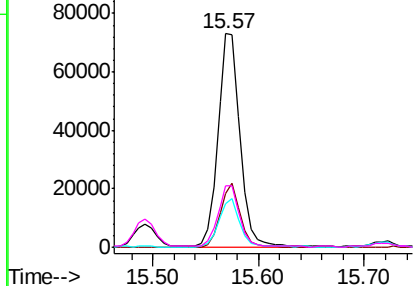


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

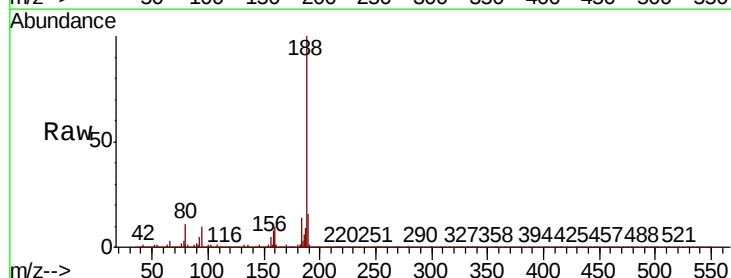
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

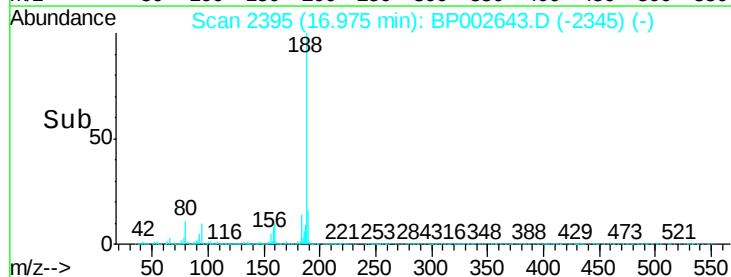
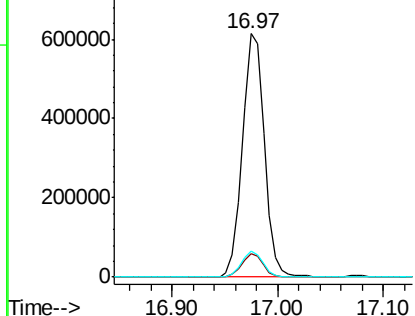
Tgt Ion:	188	Resp:	881393
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.8	11.6
80	10.6	8.2	12.4

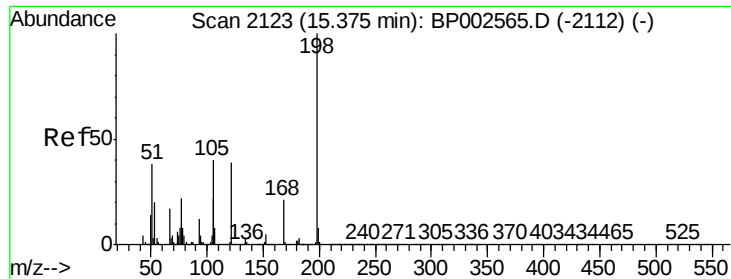


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 3.981 ng

RT: 15.39 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

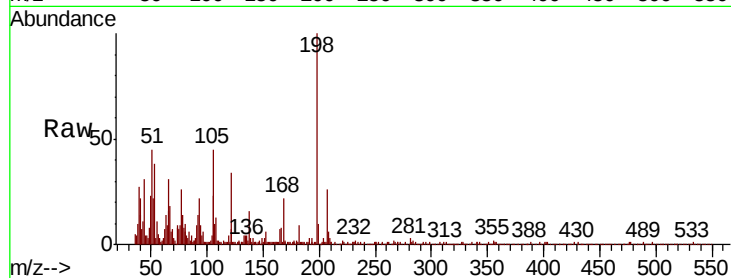
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 7644

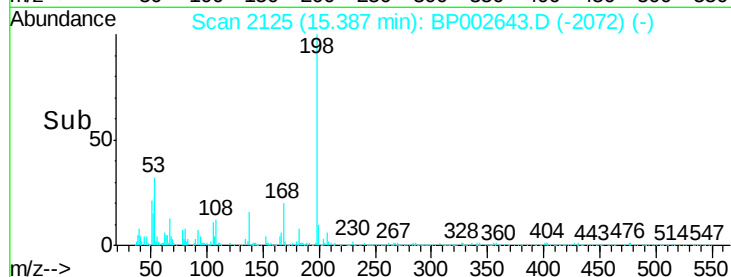
Ion	Ratio	Lower	Upper
198	100		
51	44.5	24.2	64.2
105	45.1	20.7	60.7



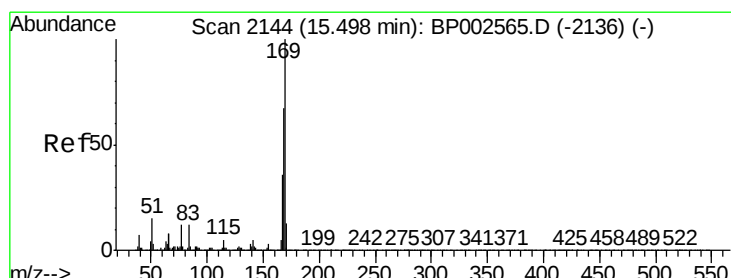
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 3.858 ng

RT: 15.49 min Scan# 2143

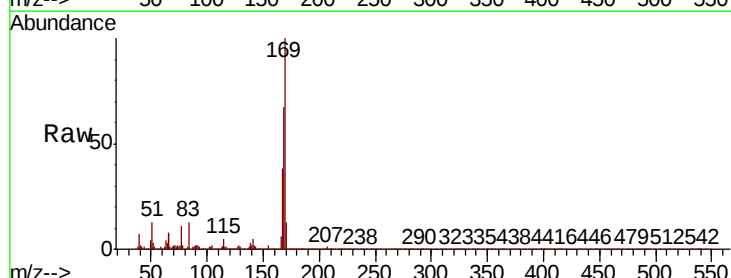
Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion:169 Resp: 99263

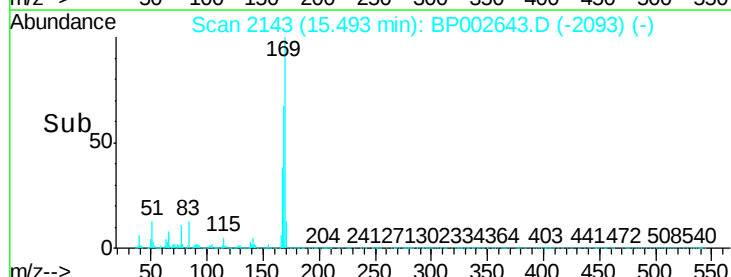
Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.5	80.3
167	38.1	29.1	43.7



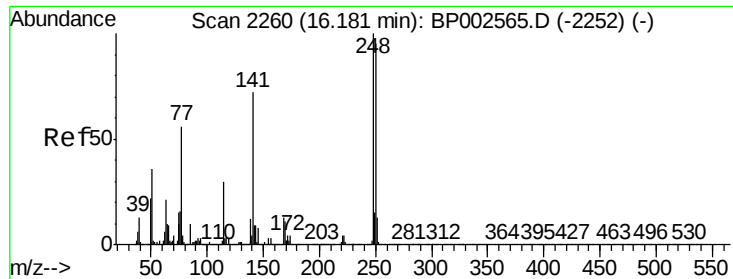
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



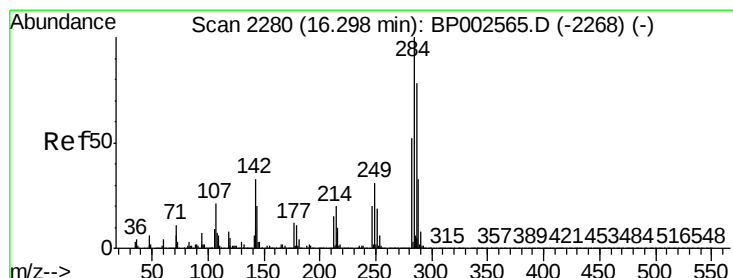
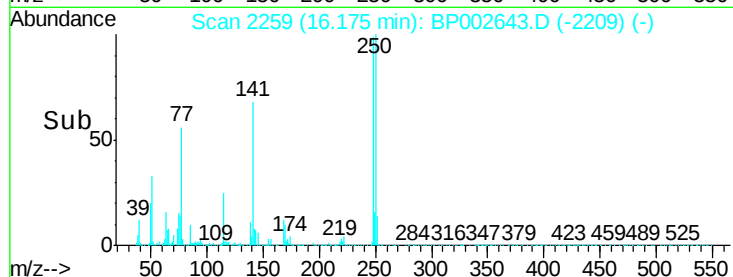
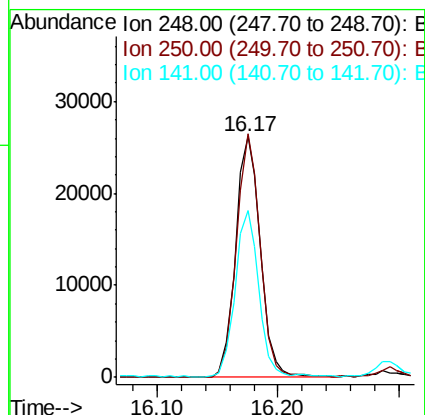
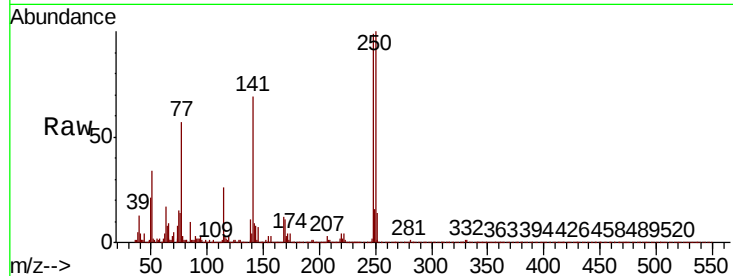
Time-->



#67
4-Bromophenyl-phenylether
Concen: 3.777 ng
RT: 16.17 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

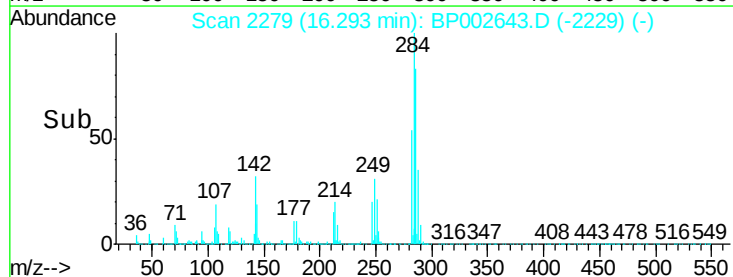
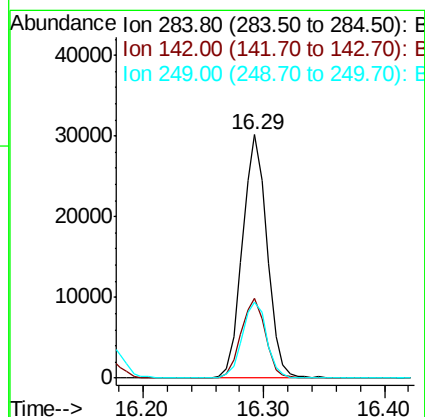
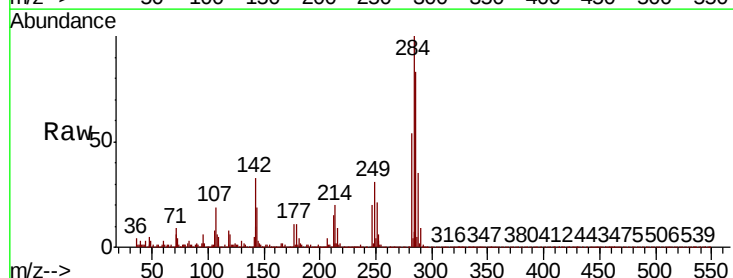
Instrument :
BNA_F
ClientSampleId :

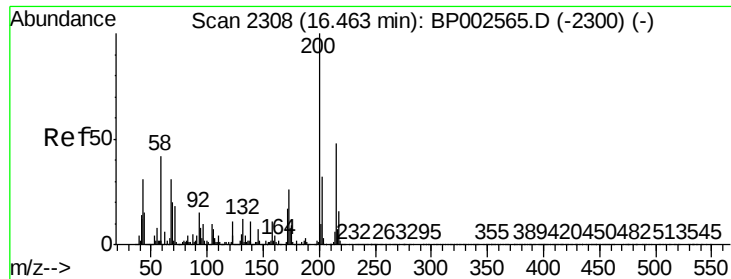
Tot Ion:248 Resp: 37406
Ion Ratio Lower Upper
248 100
250 101.1 76.1 114.1
141 69.4 57.8 86.6



#68
Hexachlorobenzene
Concen: 4.060 ng
RT: 16.29 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:284 Resp: 43079
Ion Ratio Lower Upper
284 100
142 32.5 26.6 40.0
249 31.3 25.1 37.7

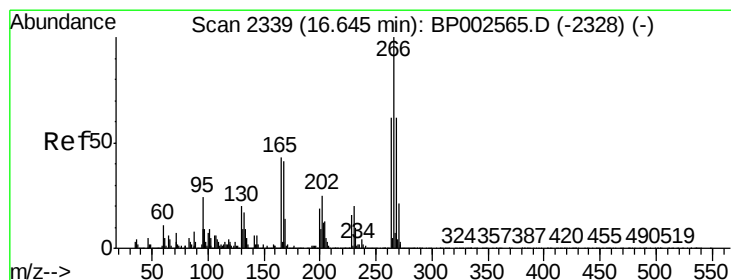
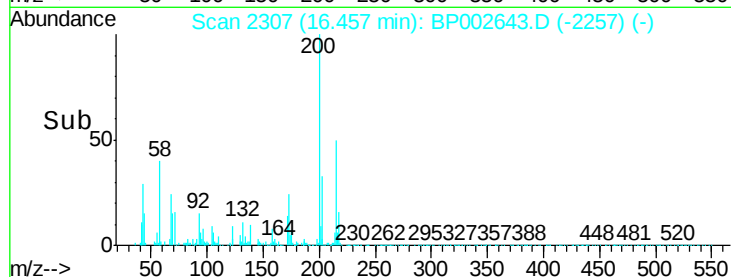
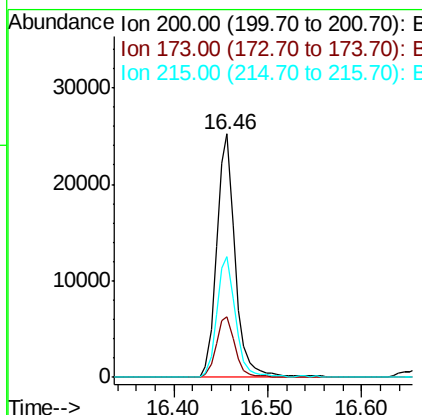
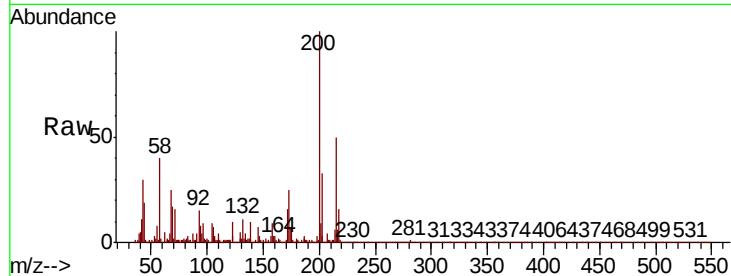




#69
Atrazine
Concen: 4.215 ng
RT: 16.46 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

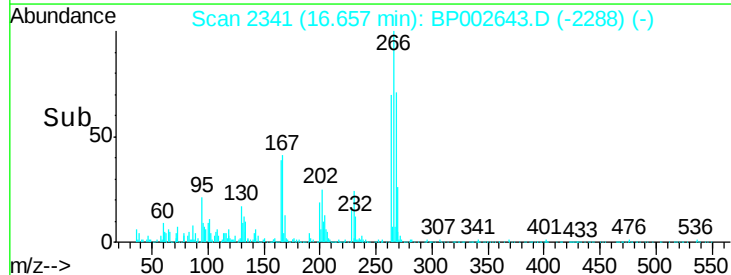
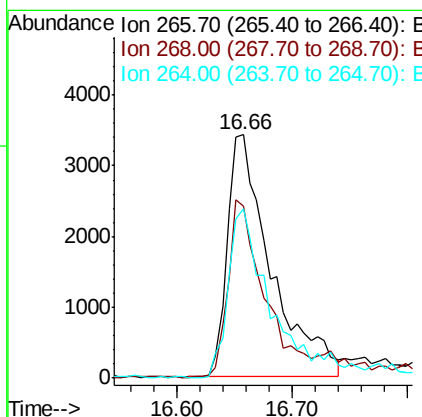
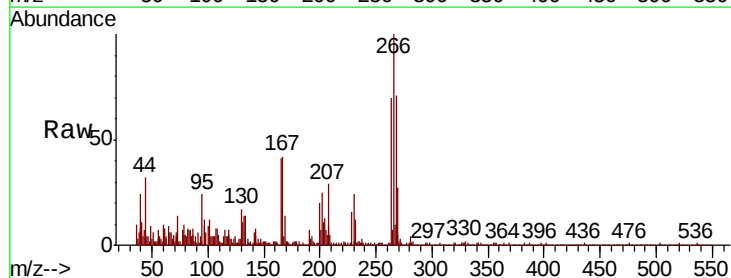
Instrument :
BNA_F
ClientSampleId :

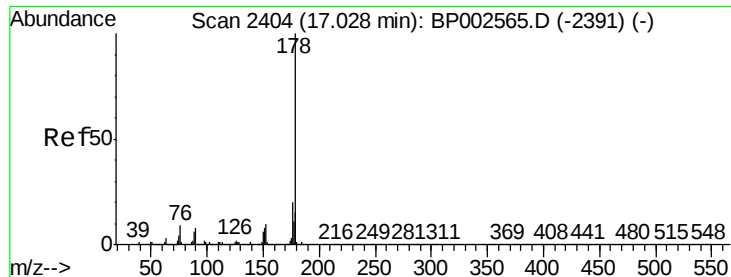
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	6.3	46.3
215	49.6	28.3	68.3



#70
Pentachlorophenol
Concen: 4.091 ng
RT: 16.66 min Scan# 2341
Delta R.T. 0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.8	49.7	74.5
264	69.7	49.3	73.9

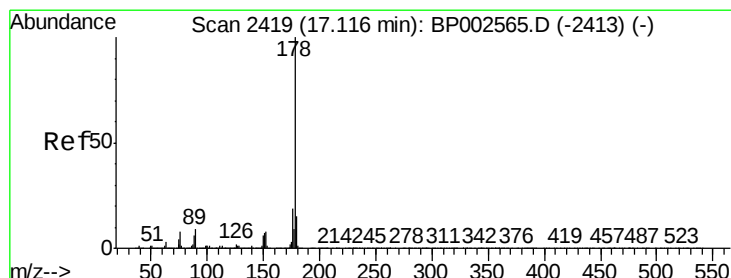
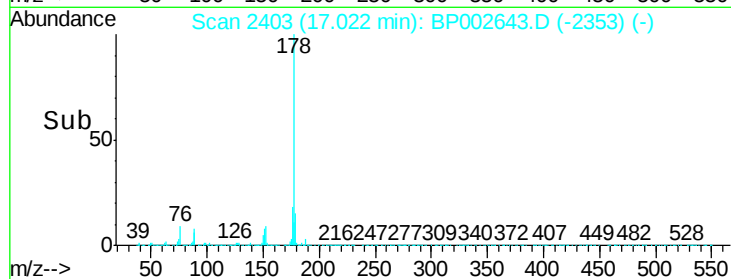
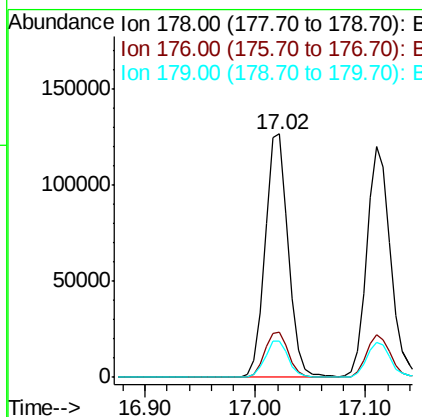
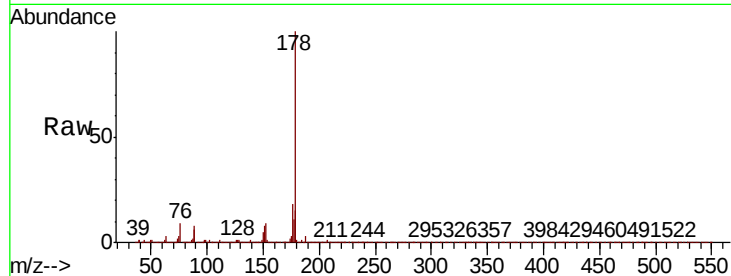




#71
Phenanthrene
Concen: 3.916 ng
RT: 17.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

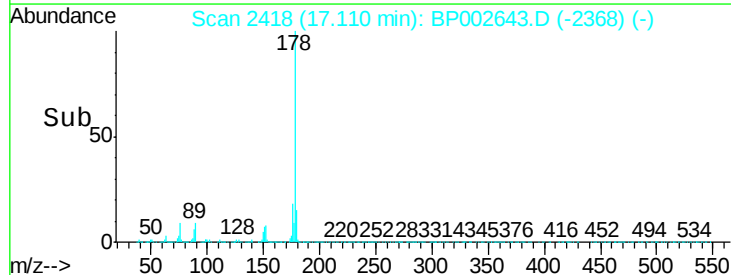
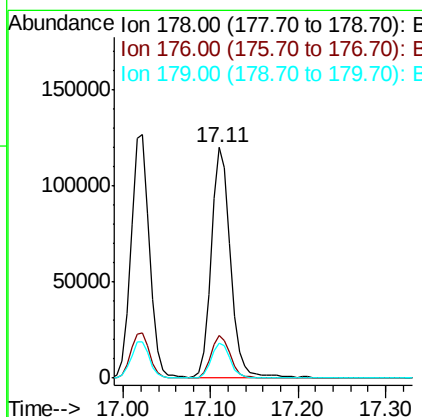
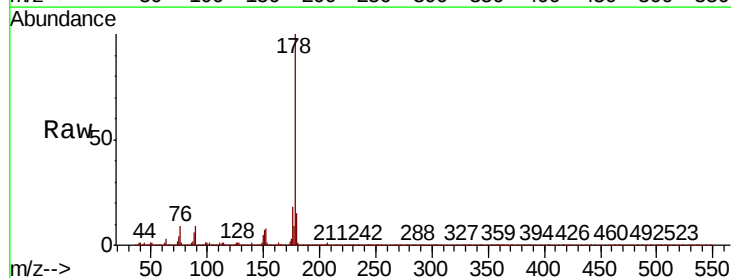
Instrument :
BNA_F
ClientSampleId :

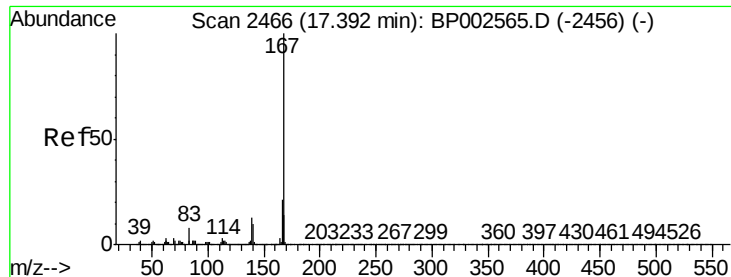
Tot Ion:178 Resp: 185692
Ion Ratio Lower Upper
178 100
176 18.4 15.6 23.4
179 15.1 12.1 18.1



#72
Anthracene
Concen: 3.872 ng
RT: 17.11 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:178 Resp: 182717
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.4 12.2 18.2





#73

Carbazole

Concen: 3.469 ng

RT: 17.39 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

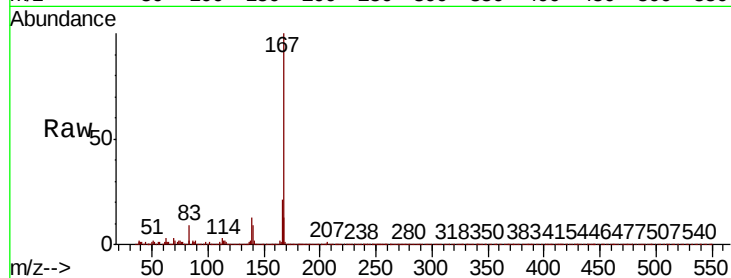
Tot Ion:167 Resp: 158208

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

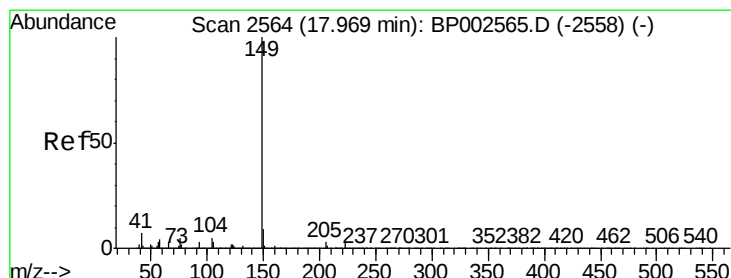
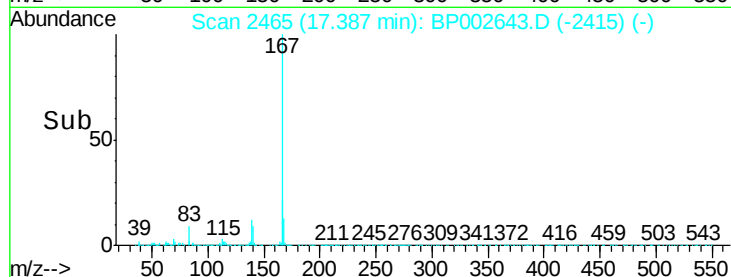
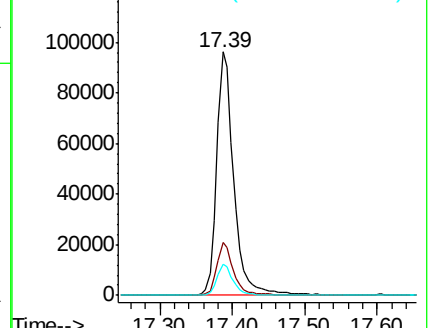
139 12.6 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 3.063 ng

RT: 17.96 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

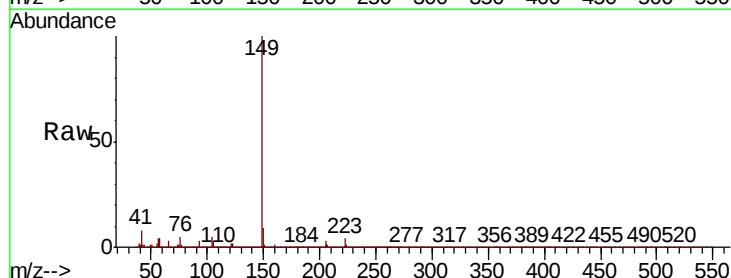
Tgt Ion:149 Resp: 164529

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

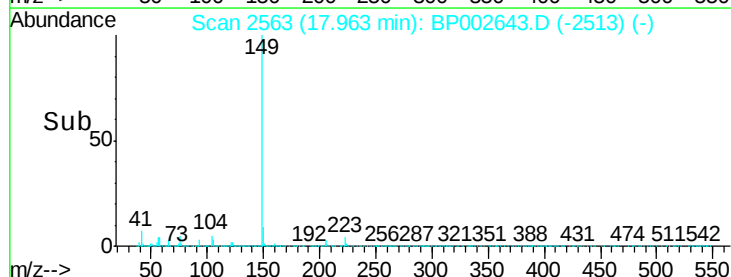
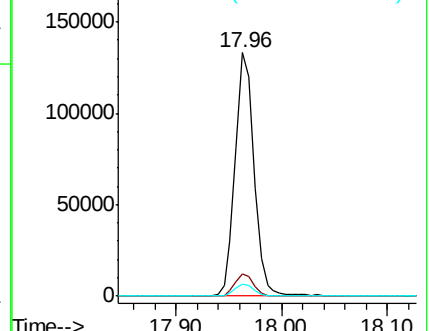
104 5.0 4.2 6.4

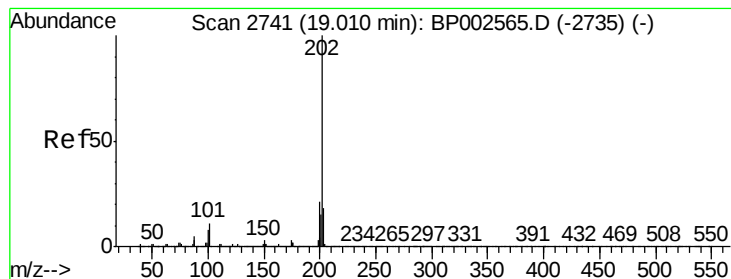


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 3.716 ng

RT: 19.00 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

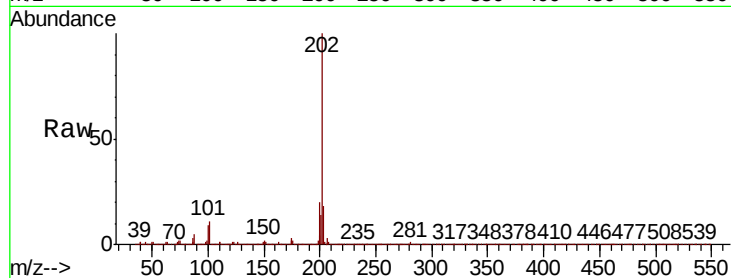
Tot Ion:202 Resp: 213307

Ion Ratio Lower Upper

202 100

101 11.0 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

19.00

150000

100000

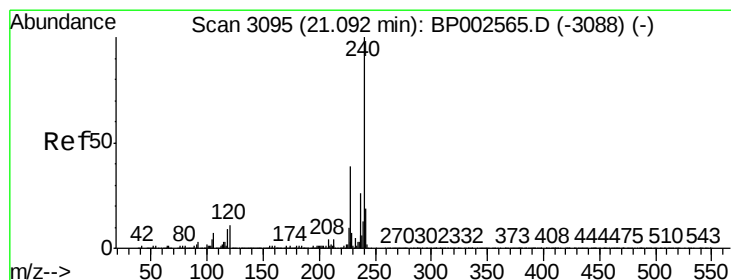
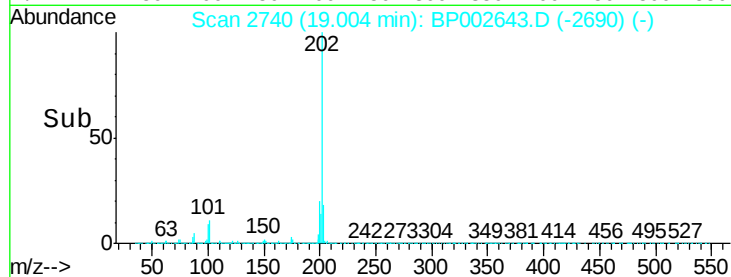
50000

0

19.00

19.10

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

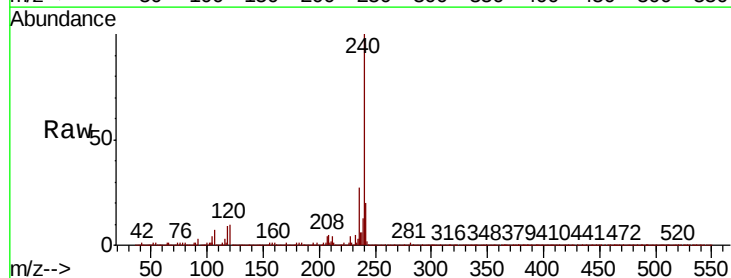
Tgt Ion:240 Resp: 931509

Ion Ratio Lower Upper

240 100

120 10.0 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

21.09

1000000

800000

600000

400000

200000

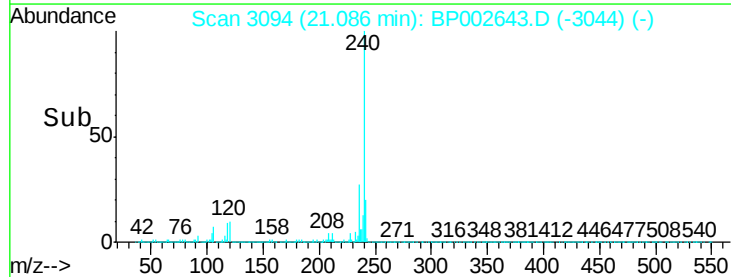
0

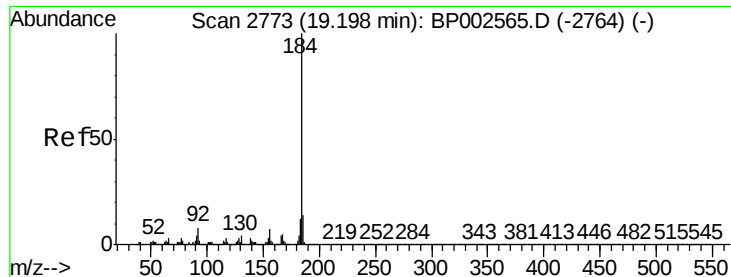
21.00

21.10

21.20

Time-->





#77

Benzidine

Concen: 5.836 ng

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

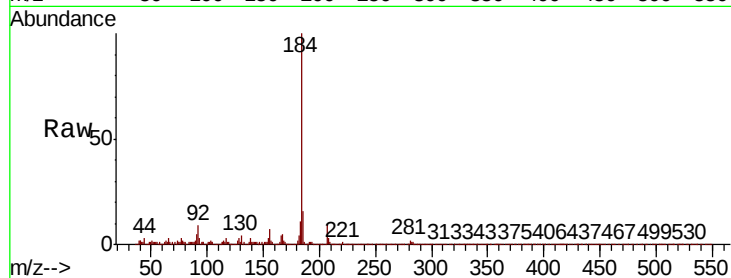
Tot Ion:184 Resp: 88401

Ion Ratio Lower Upper

184 100

185 15.9 11.4 17.2

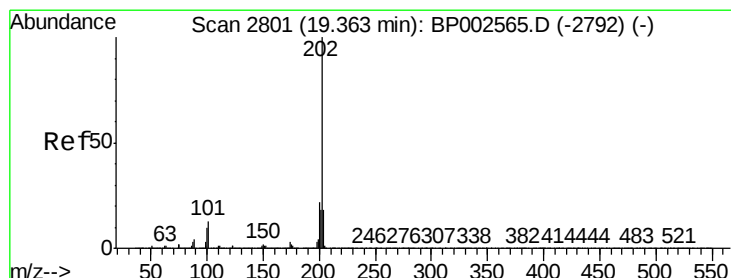
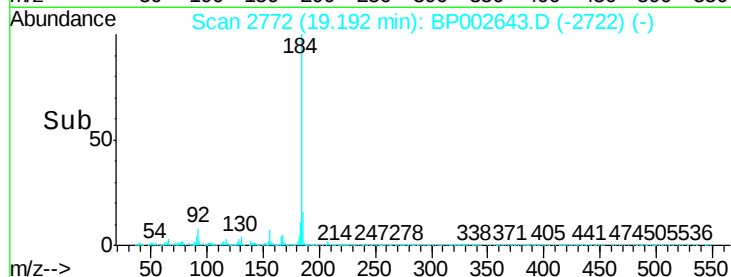
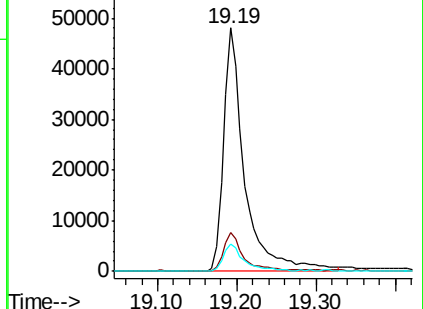
183 10.9 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 3.510 ng

RT: 19.36 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

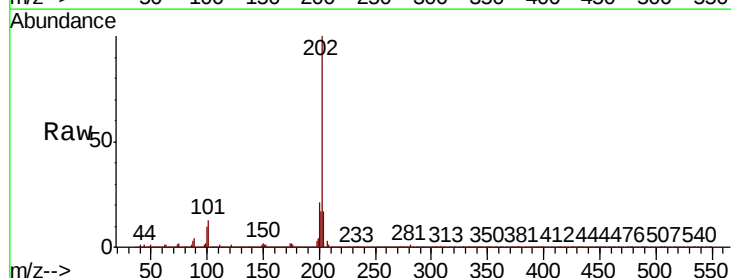
Tgt Ion:202 Resp: 222570

Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

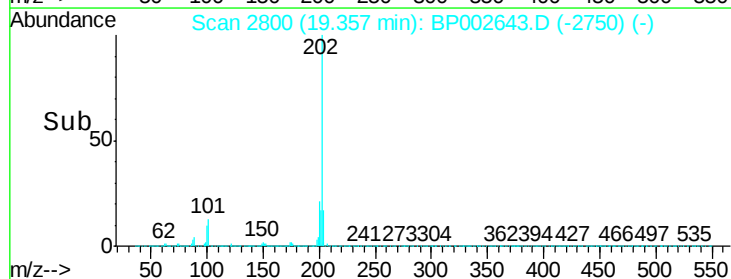
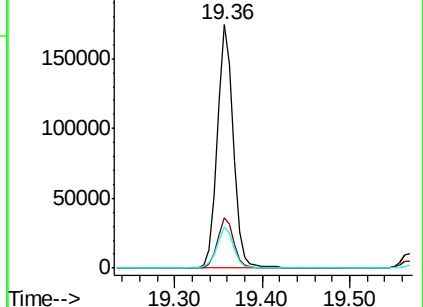
203 16.8 14.4 21.6

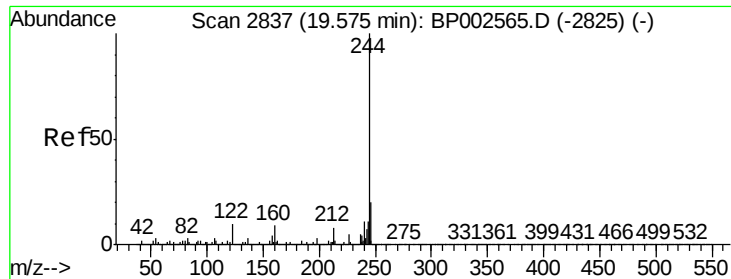


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.566 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

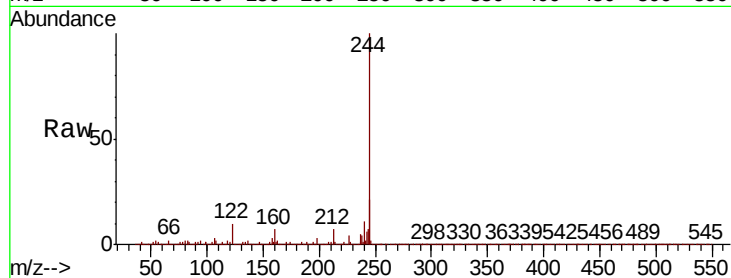
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 4037925

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	9.8	7.9	11.9

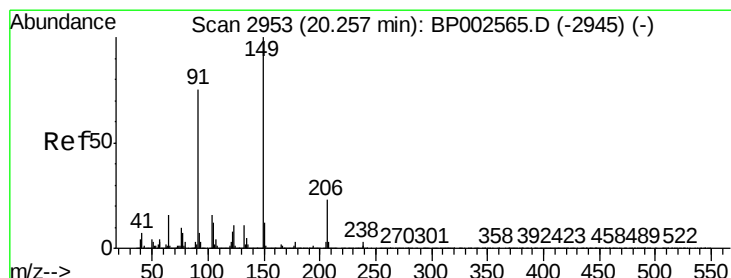
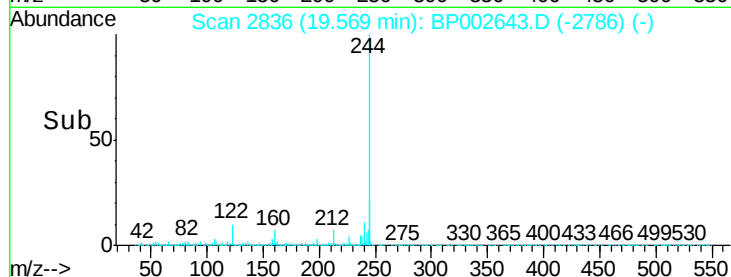
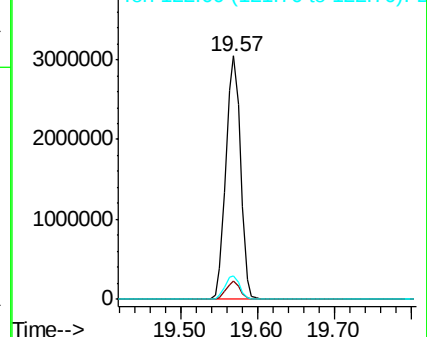


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 2.796 ng

RT: 20.25 min Scan# 2952

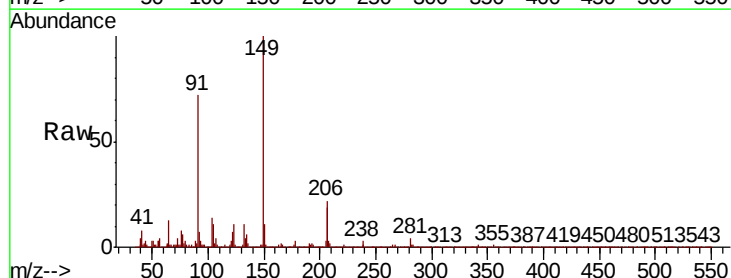
Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion:149 Resp: 77405

Ion	Ratio	Lower	Upper
149	100		
91	71.8	59.8	89.6
206	21.6	18.2	27.4

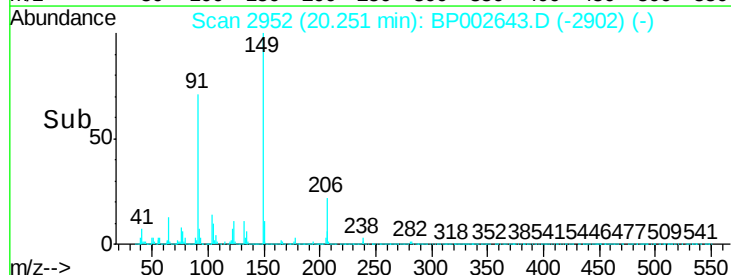
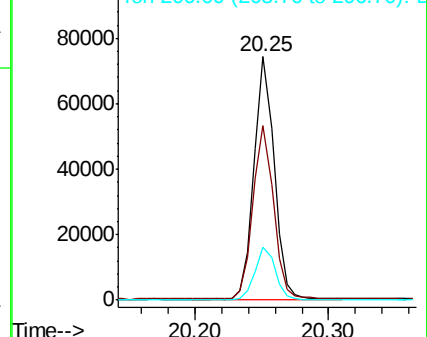


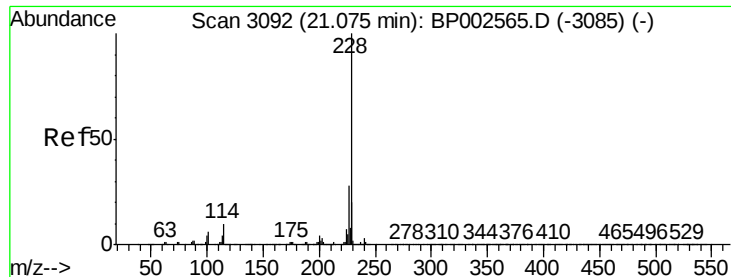
Abundance

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

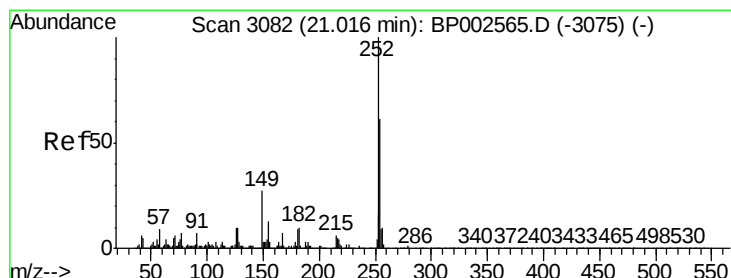
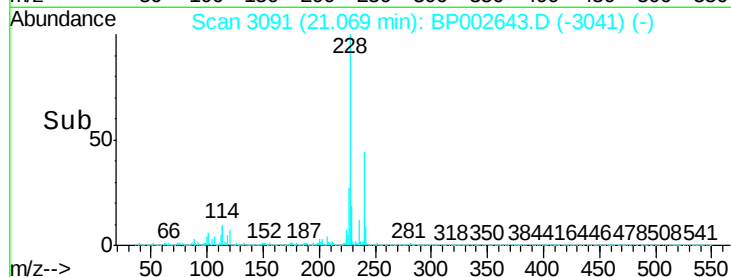
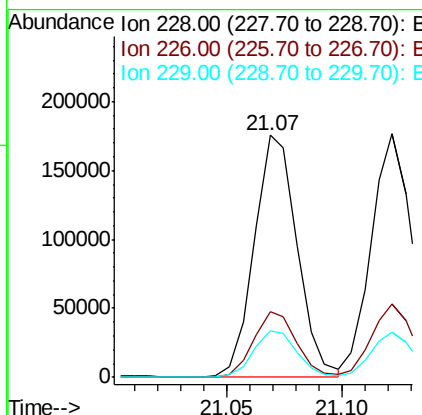
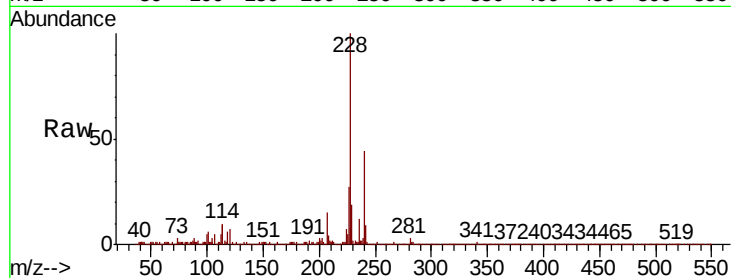




#81
Benzo(a)anthracene
Concen: 3.721 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

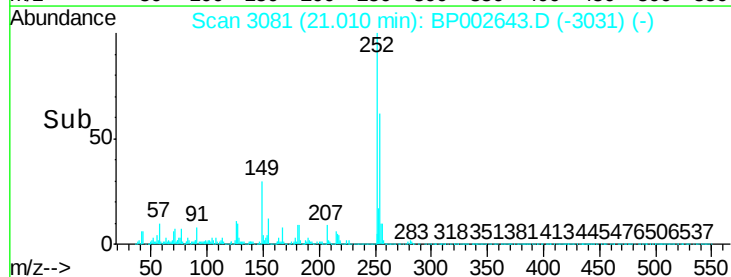
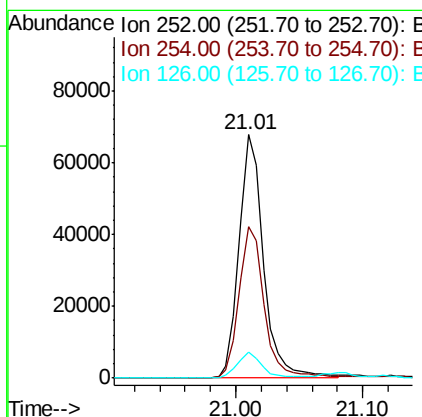
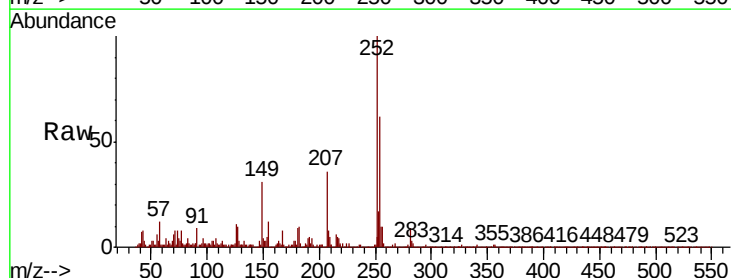
Instrument :
BNA_F
ClientSampleId :

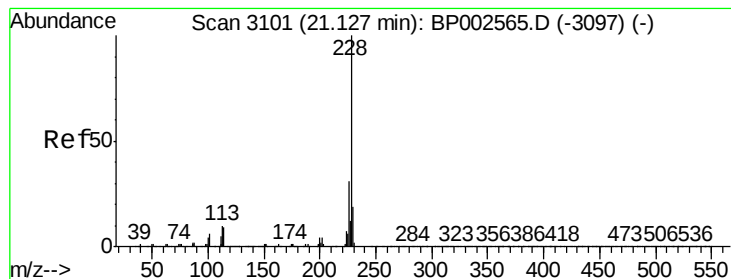
Tot Ion:228 Resp: 226631
Ion Ratio Lower Upper
228 100
226 27.0 22.5 33.7
229 19.2 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 4.033 ng
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion:252 Resp: 89910
Ion Ratio Lower Upper
252 100
254 62.1 49.0 73.6
126 10.6 7.9 11.9





#83

Chrysene

Concen: 3.783 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

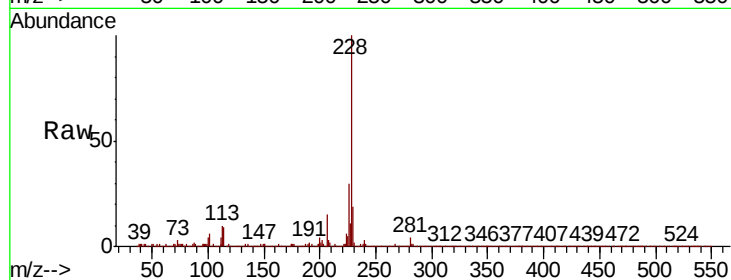
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 220925

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	18.6	15.6	23.4

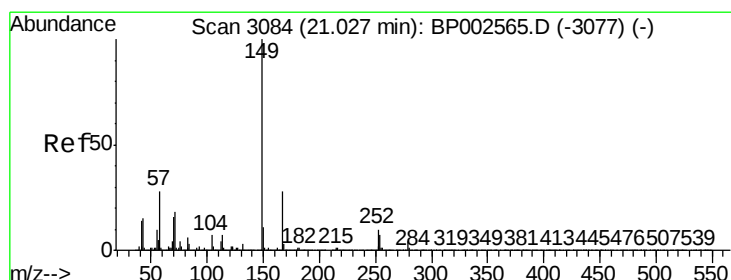
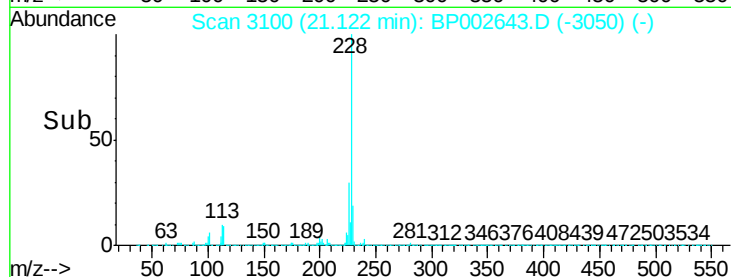
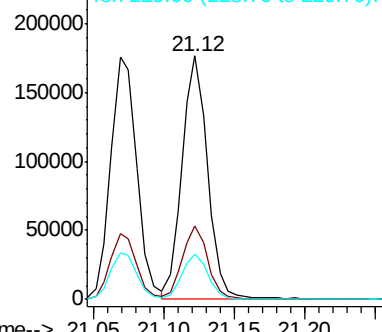


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.094 ng

RT: 21.02 min Scan# 3083

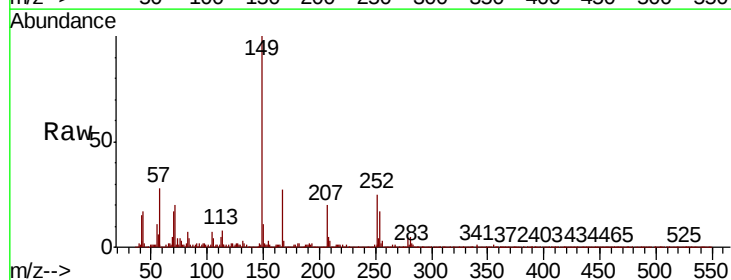
Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Tgt Ion:149 Resp: 122984

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	4.1	3.4	5.0

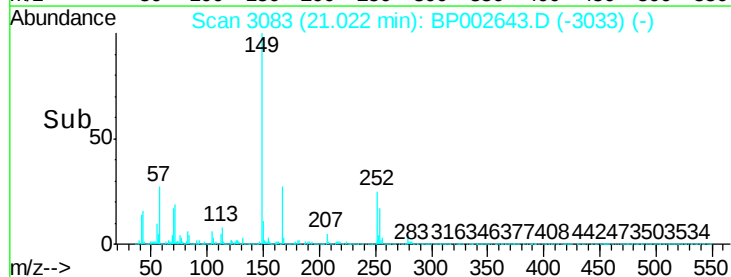
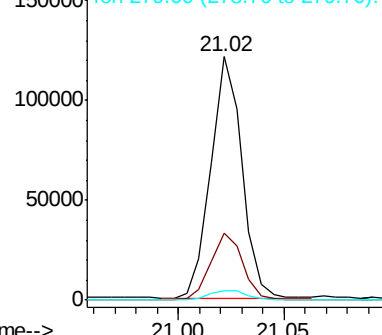


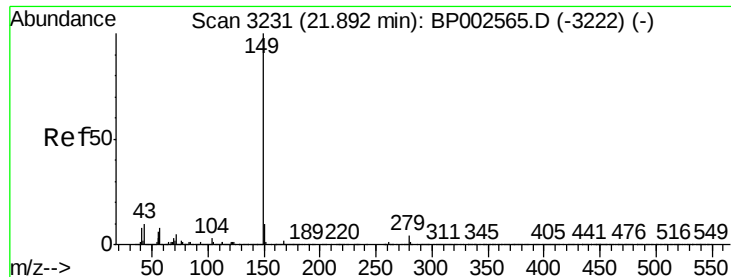
Abundance

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





#85

Di-n-octyl phthalate

Concen: 3.197 ng

RT: 21.89 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

Instrument :

BNA_F

ClientSampleId :

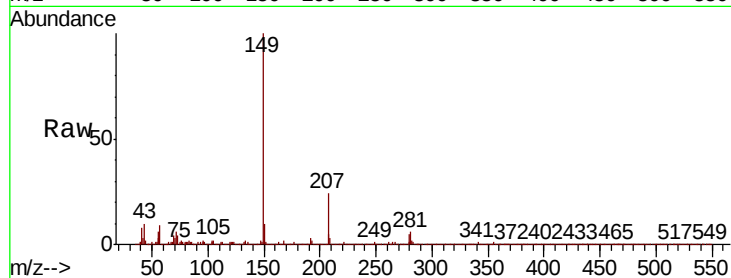
Tot Ion:149 Resp: 224455

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.2 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

250000

200000

150000

100000

50000

0

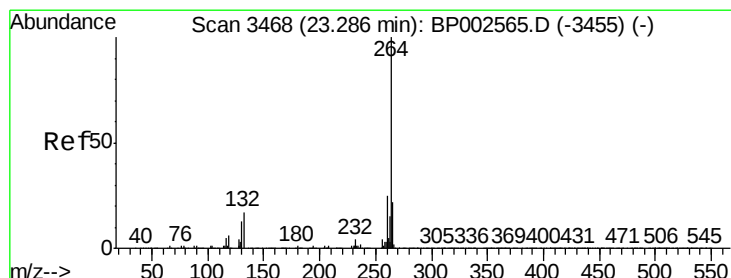
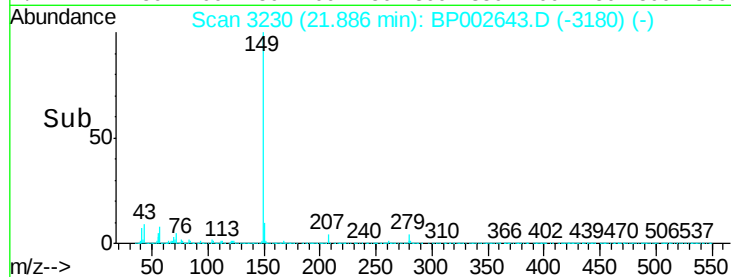
21.89

21.80

21.90

22.00

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002643.D

Acq: 06 Jul 2020 11:54

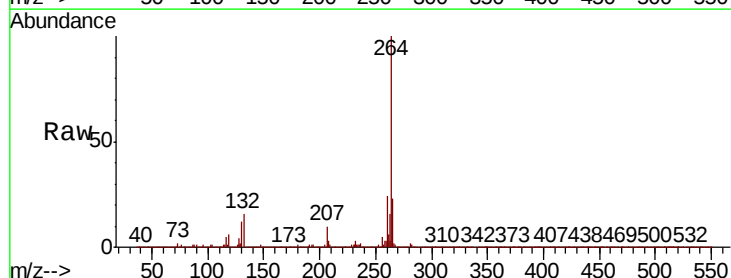
Tgt Ion:264 Resp: 1044619

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 22.5 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

600000

400000

200000

0

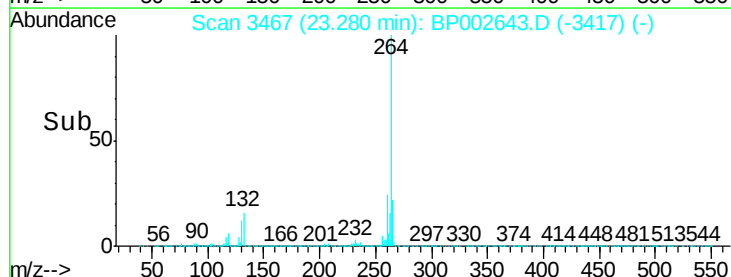
23.28

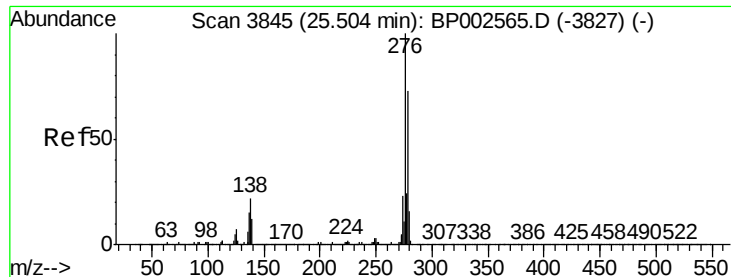
23.20

23.30

23.40

Time-->

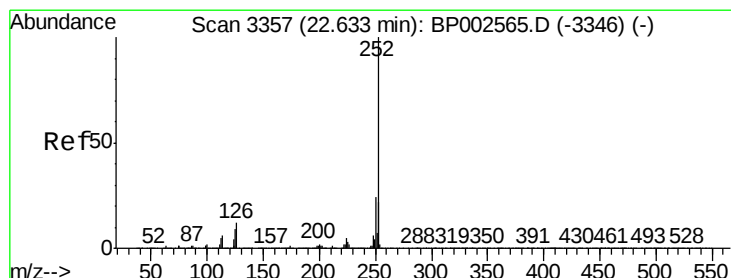
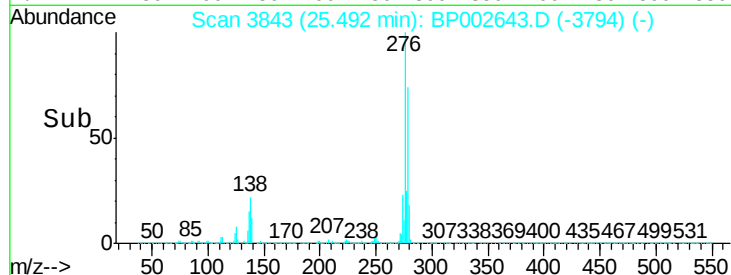
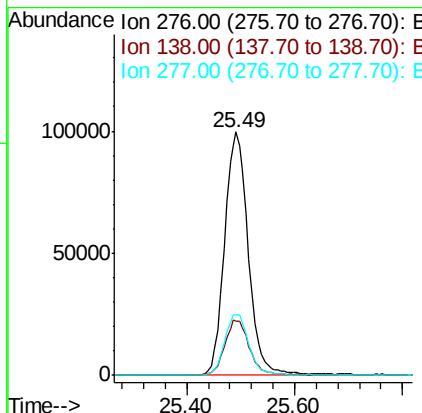
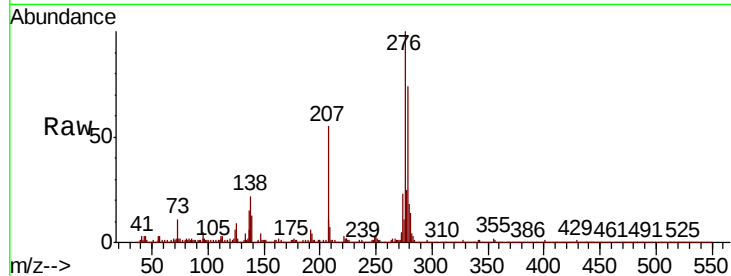




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.084 ng
 RT: 25.49 min Scan# 3843
 Delta R.T. -0.01 min
 Lab File: BP002643.D
 Acq: 06 Jul 2020 11:54

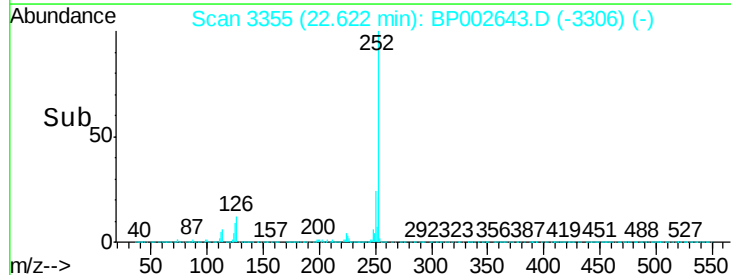
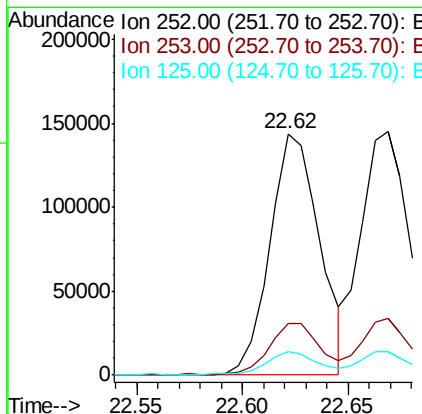
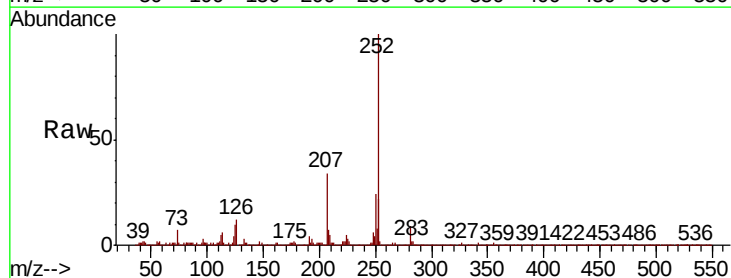
Instrument :
 BNA_F
 ClientSampleId :

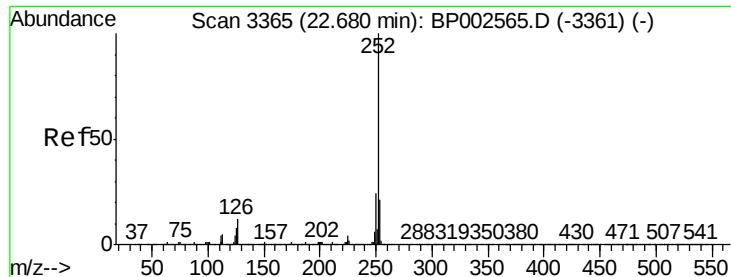
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.6	27.8
277	25.5	20.1	30.1



#88
 Benzo(b)fluoranthene
 Concen: 3.528 ng
 RT: 22.62 min Scan# 3355
 Delta R.T. -0.01 min
 Lab File: BP002643.D
 Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.7	7.4	11.2

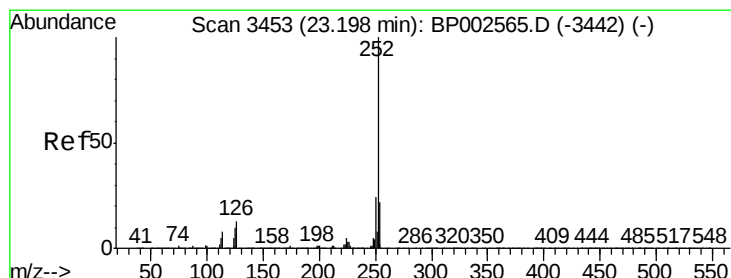
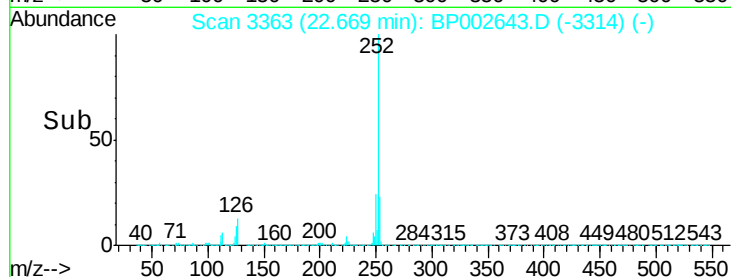
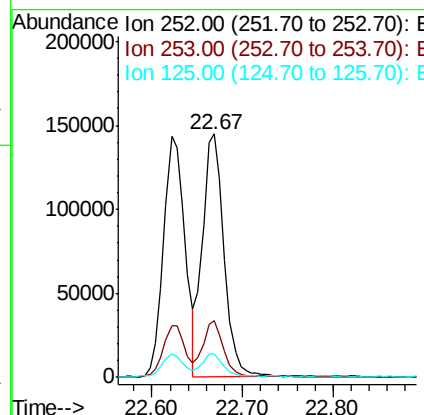
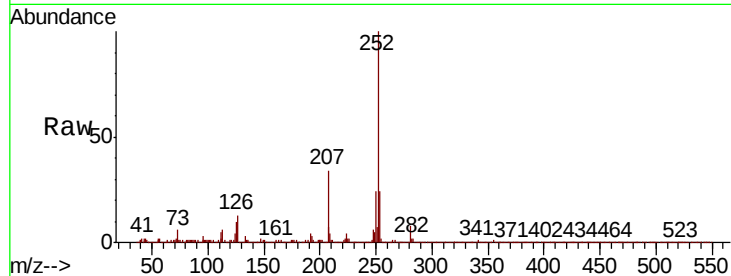




#89
Benzo(k)fluoranthene
Concen: 3.862 ng
RT: 22.67 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

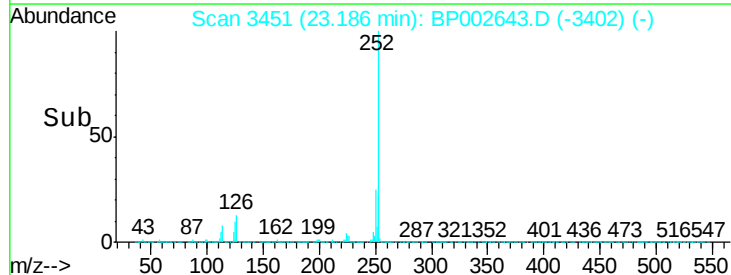
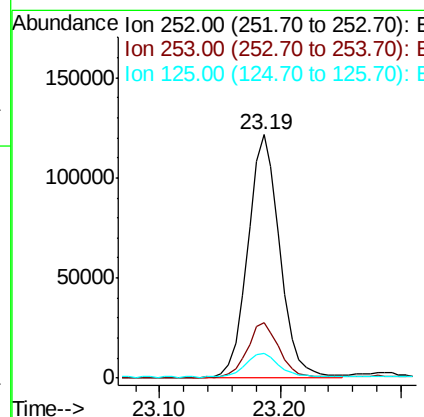
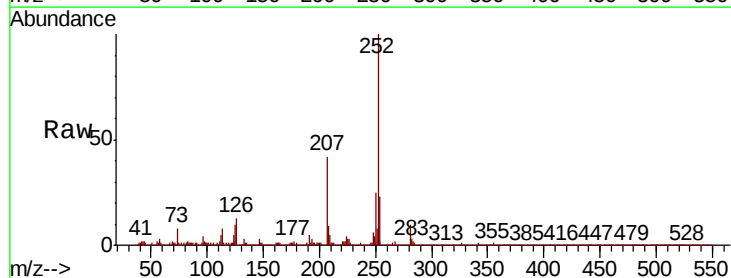
Instrument :
BNA_F
ClientSampleId :

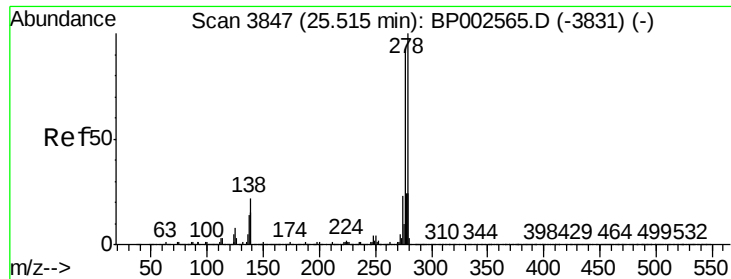
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	9.5	6.9	10.3



#90
Benzo(a)pyrene
Concen: 3.632 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	10.3	7.8	11.8

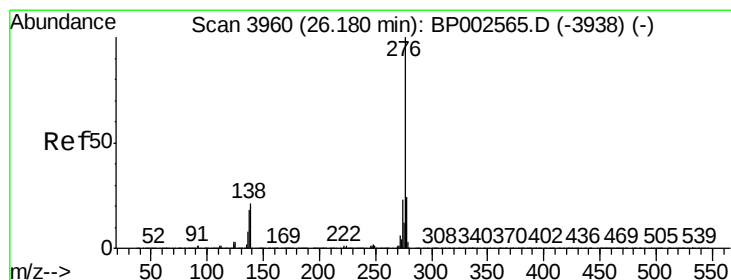
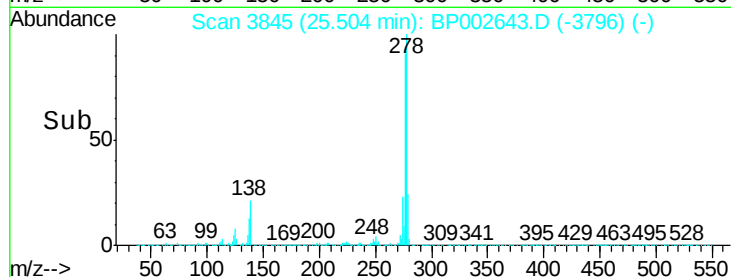
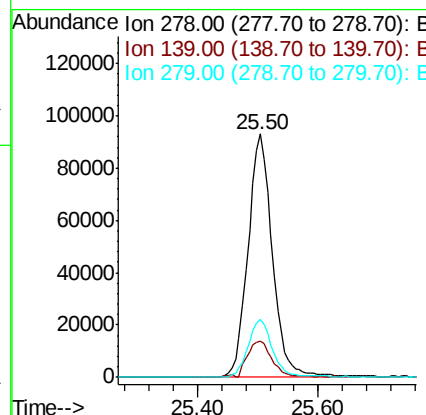
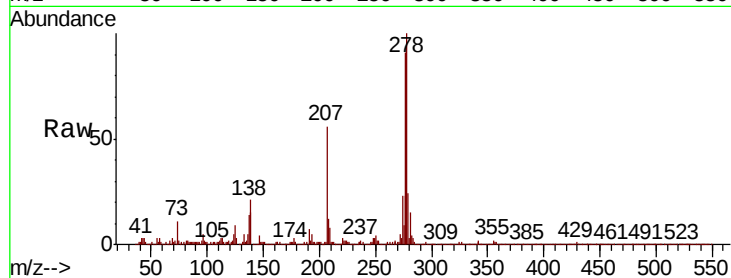




#91
Dibenzo(a,h)anthracene
Concen: 4.206 ng
RT: 25.50 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.2	18.2
279	23.8	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 4.263 ng
RT: 26.16 min Scan# 3957
Delta R.T. -0.02 min
Lab File: BP002643.D
Acq: 06 Jul 2020 11:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.3	28.9
138	20.1	16.9	25.3

