

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111321\
 Data File : BP007974.D
 Acq On : 13 Nov 2021 19:03
 Operator : CG/JU
 Sample : PB140662BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB140662BS

Quant Time: Nov 15 05:45:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 05:36:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	172463	20.00	ng	0.00
21) Naphthalene-d8	10.640	136	735258	20.00	ng	0.00
39) Acenaphthene-d10	14.481	164	452431	20.00	ng	0.00
64) Phenanthrene-d10	17.239	188	973867	20.00	ng	# 0.00
76) Chrysene-d12	21.333	240	1144320	20.00	ng	# 0.00
86) Perylene-d12	23.745	264	1352584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1319205	124.09	ng	0.00
7) Phenol-d6	7.022	99	1639097	115.89	ng	0.00
23) Nitrobenzene-d5	9.004	82	1000787	72.84	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	865462	121.58	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	2525915	78.31	ng	0.00
79) Terphenyl-d14	19.804	244	4124083	73.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	114187	25.52	ng	98
3) Pyridine	3.728	79	285514	22.25	ng	98
4) n-Nitrosodimethylamine	3.640	42	184316	38.88	ng	# 95
6) Aniline	7.169	93	642617	40.24	ng	97
8) 2-Chlorophenol	7.410	128	511216	45.48	ng	95
9) Benzaldehyde	6.981	77	264425	33.13	ng	97
10) Phenol	7.052	94	616101	44.90	ng	95
11) bis(2-Chloroethyl)ether	7.269	93	428881	38.03	ng	97
12) 1,3-Dichlorobenzene	7.728	146	498979	39.48	ng	99
13) 1,4-Dichlorobenzene	7.875	146	515408	40.11	ng	99
14) 1,2-Dichlorobenzene	8.193	146	501832	38.68	ng	99
15) Benzyl Alcohol	8.087	79	469978	43.93	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.381	45	486427	40.85	ng	94
17) 2-Methylphenol	8.293	107	425461	45.02	ng	98
18) Hexachloroethane	8.922	117	182455	41.87	ng	# 88
19) n-Nitroso-di-n-propyla...	8.657	70	335671	38.13	ng	93
20) 3+4-Methylphenols	8.622	107	581126	44.38	ng	97
22) Acetophenone	8.669	105	714239	38.19	ng	# 96
24) Nitrobenzene	9.046	77	525688	40.03	ng	97
25) Isophorone	9.581	82	936892	39.20	ng	96
26) 2-Nitrophenol	9.751	139	279304	41.66	ng	96
27) 2,4-Dimethylphenol	9.822	122	469692	47.43	ng	94
28) bis(2-Chloroethoxy)met...	10.057	93	585592	36.93	ng	98
29) 2,4-Dichlorophenol	10.293	162	536029	43.97	ng	99
30) 1,2,4-Trichlorobenzene	10.504	180	544929	39.07	ng	99
31) Naphthalene	10.693	128	1460431	38.90	ng	99
32) Benzoic acid	10.004	122	362955	42.42	ng	99
33) 4-Chloroaniline	10.799	127	469715	29.13	ng	99
34) Hexachlorobutadiene	10.981	225	372430	39.08	ng	98
35) Caprolactam	11.610	113	75541	28.22	ng	# 90
36) 4-Chloro-3-methylphenol	11.940	107	565908	41.09	ng	98
37) 2-Methylnaphthalene	12.304	142	1111876	40.52	ng	98
38) 1-Methylnaphthalene	12.522	142	1023669	38.25	ng	99
40) 1,2,4,5-Tetrachloroben...	12.675	216	660839	43.84	ng	99
41) Hexachlorocyclopentadiene	12.657	237	770193	100.44	ng	98

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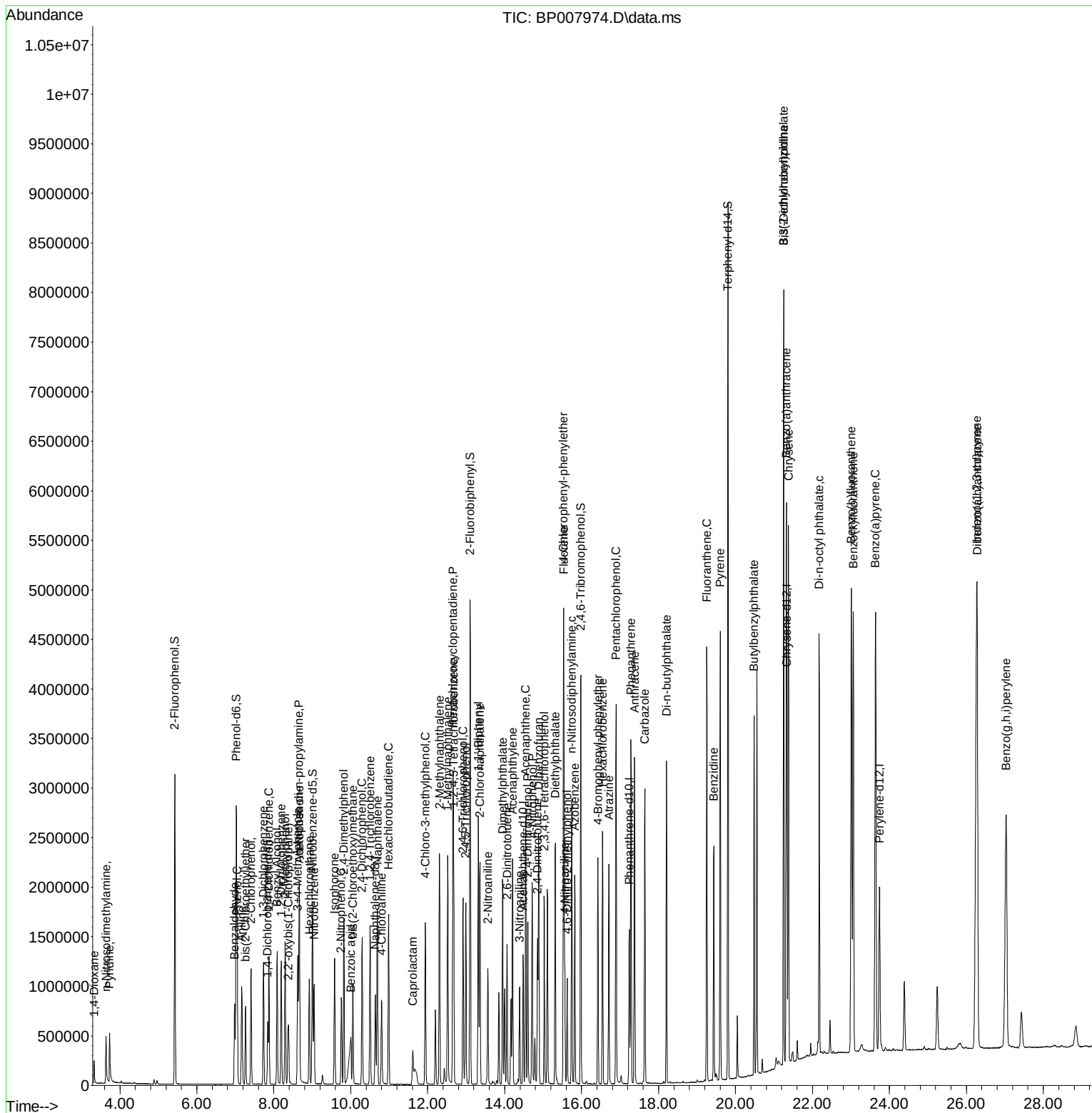
Quant Time: Nov 15 05:45:51 2021
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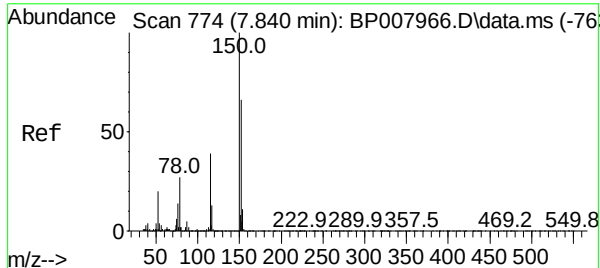
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.916	196	455175	44.19	ng	100
44) 2,4,5-Trichlorophenol	12.987	196	497645	44.46	ng	97
46) 1,1'-Biphenyl	13.316	154	1346642	39.85	ng	98
47) 2-Chloronaphthalene	13.357	162	1102855	41.72	ng	98
48) 2-Nitroaniline	13.563	65	309568	41.26	ng	97
49) Acenaphthylene	14.204	152	1614426	40.15	ng	98
50) Dimethylphthalate	13.945	163	1363492	38.09	ng	100
51) 2,6-Dinitrotoluene	14.063	165	304178	40.91	ng	95
52) Acenaphthene	14.545	154	945205	39.27	ng	97
53) 3-Nitroaniline	14.392	138	244801	32.29	ng	# 94
54) 2,4-Dinitrophenol	14.604	184	376535	83.90	ng	# 88
55) Dibenzofuran	14.881	168	1572304	38.41	ng	97
56) 4-Nitrophenol	14.716	139	496475	80.35	ng	90
57) 2,4-Dinitrotoluene	14.851	165	425623	43.00	ng	90
58) Fluorene	15.534	166	1246108	38.26	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.028	232	406974	39.92	ng	99
60) Diethylphthalate	15.316	149	1349885	39.13	ng	99
61) 4-Chlorophenyl-phenyle...	15.528	204	686499	38.98	ng	99
62) 4-Nitroaniline	15.557	138	297119	38.13	ng	86
63) Azobenzene	15.822	77	1115049	38.39	ng	96
65) 4,6-Dinitro-2-methylph...	15.622	198	242983	38.07	ng	89
66) n-Nitrosodiphenylamine	15.745	169	1132527	40.63	ng	99
67) 4-Bromophenyl-phenylether	16.428	248	466853	40.99	ng	97
68) Hexachlorobenzene	16.545	284	550210	42.89	ng	# 91
69) Atrazine	16.710	200	469750	64.64	ng	98
70) Pentachlorophenol	16.892	266	695119	88.86	ng	97
71) Phenanthrene	17.281	178	2059516	39.70	ng	99
72) Anthracene	17.375	178	2097655	41.24	ng	99
73) Carbazole	17.645	167	1877466	37.48	ng	99
74) Di-n-butylphthalate	18.204	149	2289386	40.39	ng	99
75) Fluoranthene	19.251	202	2615459	39.81	ng	96
77) Benzidine	19.433	184	1329767	75.74	ng	99
78) Pyrene	19.604	202	2705799	39.54	ng	99
80) Butylbenzylphthalate	20.480	149	1130903	40.02	ng	97
81) Benzo(a)anthracene	21.321	228	2958360	39.27	ng	100
82) 3,3'-Dichlorobenzidine	21.251	252	1072242	30.84	ng	# 98
83) Chrysene	21.374	228	2897769	40.13	ng	99
84) Bis(2-ethylhexyl)phtha...	21.251	149	1654649	41.02	ng	# 96
85) Di-n-octyl phthalate	22.174	149	3165266	42.57	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.268	276	4188944	42.89	ng	# 92
88) Benzo(b)fluoranthene	23.010	252	3483784	43.27	ng	# 98
89) Benzo(k)fluoranthene	23.063	252	3392881	42.18	ng	# 97
90) Benzo(a)pyrene	23.639	252	3453836	50.16	ng	# 97
91) Dibenzo(a,h)anthracene	26.280	278	3589438	44.31	ng	# 96
92) Benzo(g,h,i)perylene	27.033	276	3534699	44.26	ng	# 94

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

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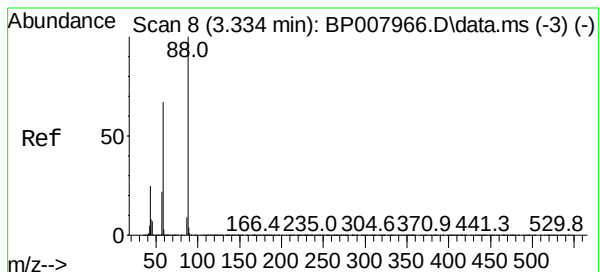
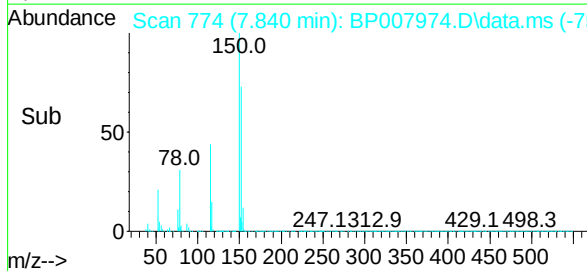
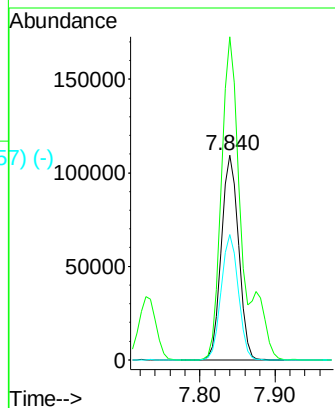
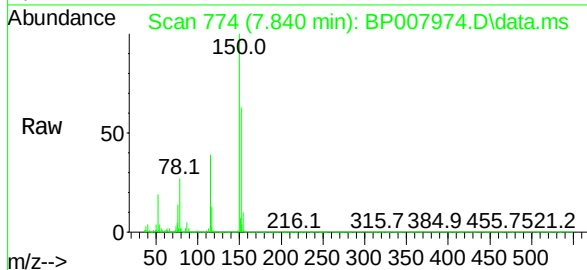




1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.840 min Scan#
Delta R.T. -0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

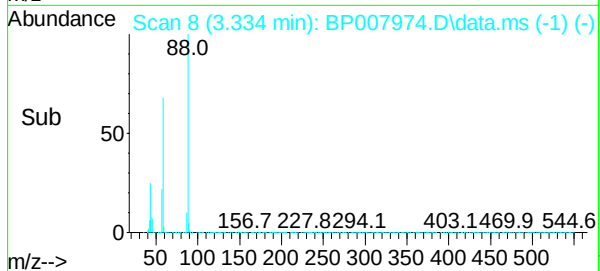
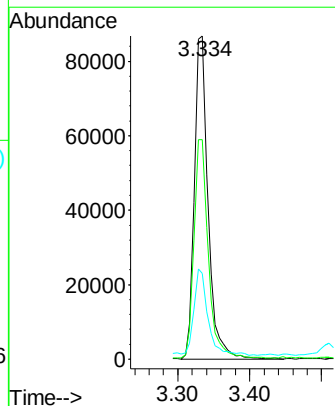
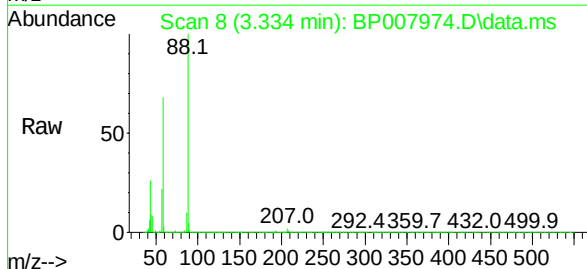
Instrument :
BNA_P
ClientSampleId :
PB140662BS

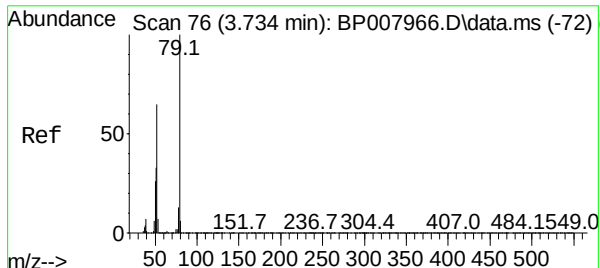
Tgt Ion:152 Resp: 172463
Ion Ratio Lower Upper
152 100
150 157.7 124.1 186.1
115 61.1 48.1 72.1



#2
1,4-Dioxane
Concen: 25.52 ng
RT: 3.334 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

Tgt Ion: 88 Resp: 114187
Ion Ratio Lower Upper
88 100
58 70.3 58.1 87.1
43 26.8 22.2 33.4





Pyridine

Concen: 22.25 ng

RT: 3.728 min Scan#

Delta R.T. -0.006 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS

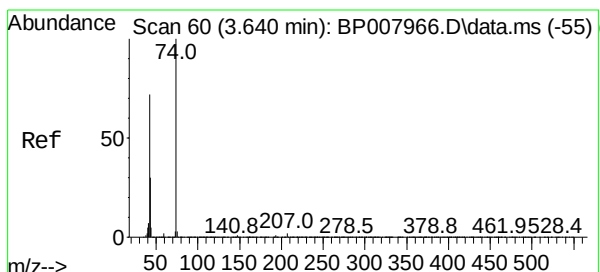
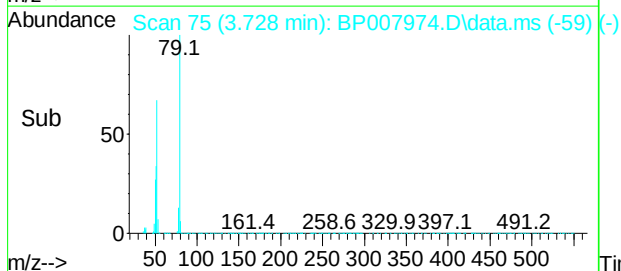
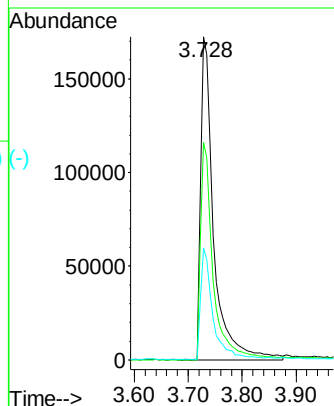
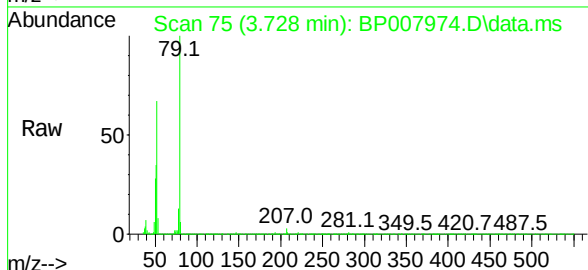
Tgt Ion: 79 Resp: 285514

Ion Ratio Lower Upper

79 100

52 67.4 55.7 83.5

51 34.6 28.5 42.7



n-Nitrosodimethylamine

Concen: 38.88 ng

RT: 3.640 min Scan# 60

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

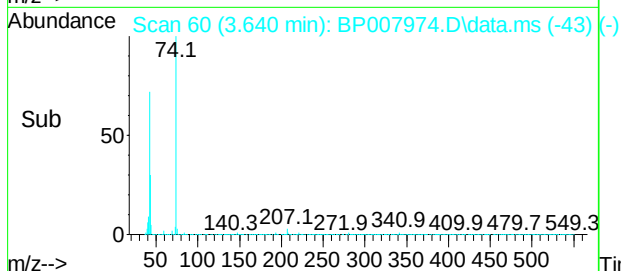
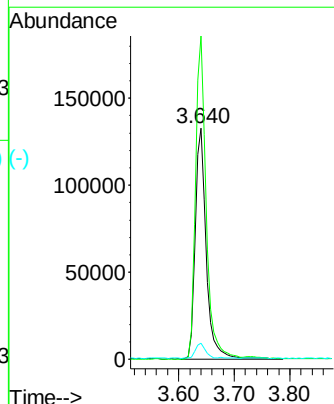
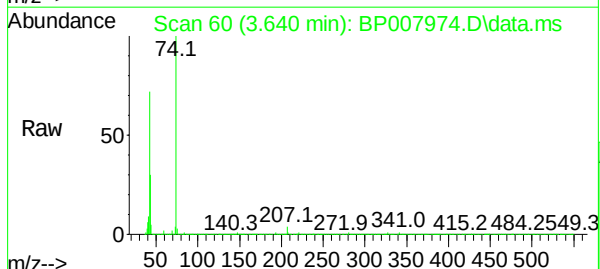
Tgt Ion: 42 Resp: 184316

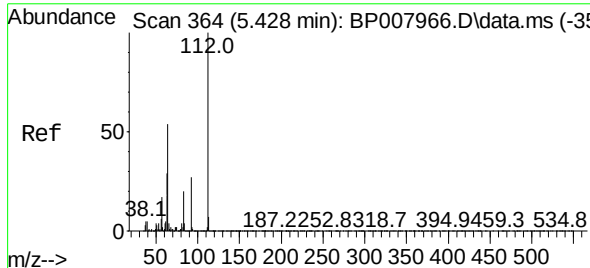
Ion Ratio Lower Upper

42 100

74 139.7 107.0 160.4

44 7.0 7.4 11.2#





2-Fluorophenol

Concen: 124.09 ng

RT: 5.428 min Scan# 364

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS

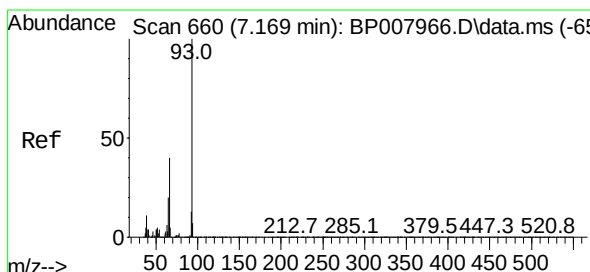
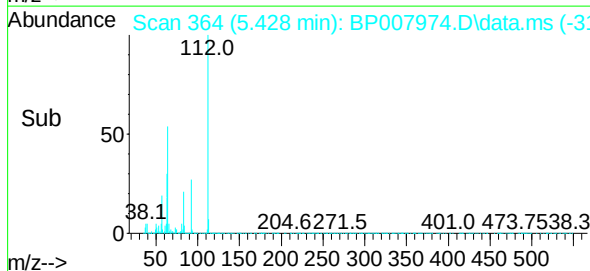
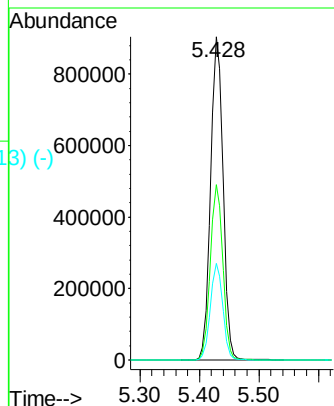
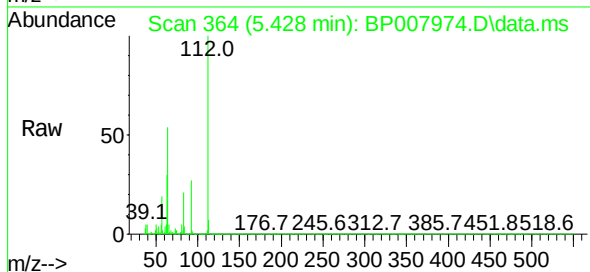
Tgt Ion: 112 Resp: 1319205

Ion Ratio Lower Upper

112 100

64 54.3 46.6 70.0

63 30.0 25.0 37.6



Aniline

Concen: 40.24 ng

RT: 7.169 min Scan# 660

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

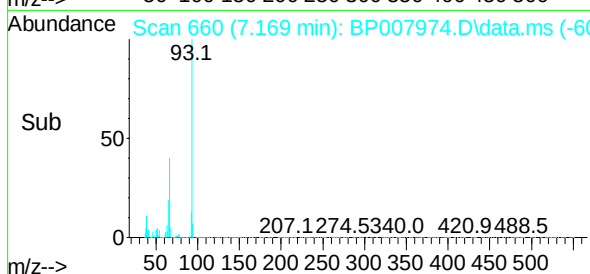
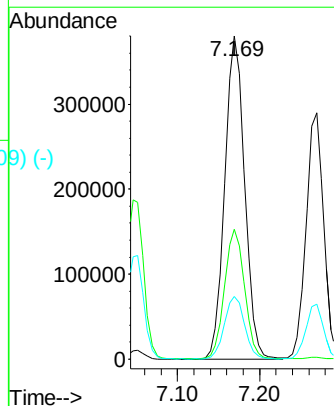
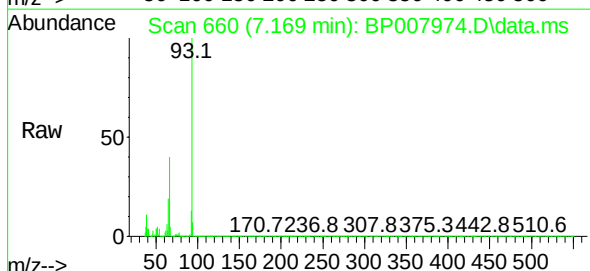
Tgt Ion: 93 Resp: 642617

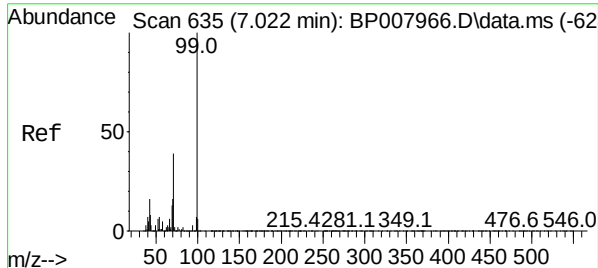
Ion Ratio Lower Upper

93 100

66 40.2 30.5 45.7

65 19.3 15.8 23.8





Phenol-d6

Concen: 115.89 ng

RT: 7.022 min Scan# 635

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

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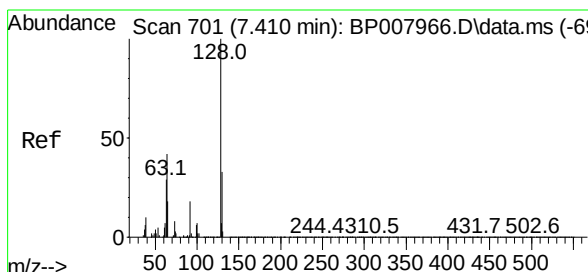
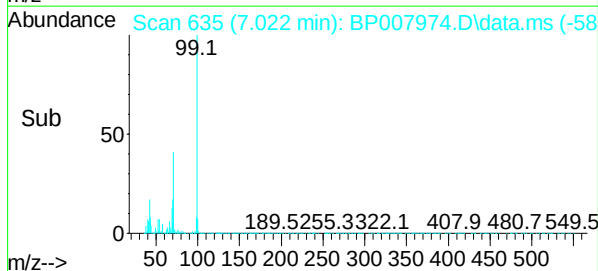
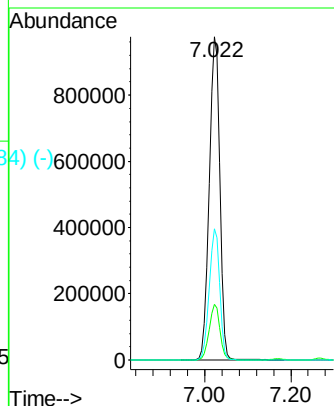
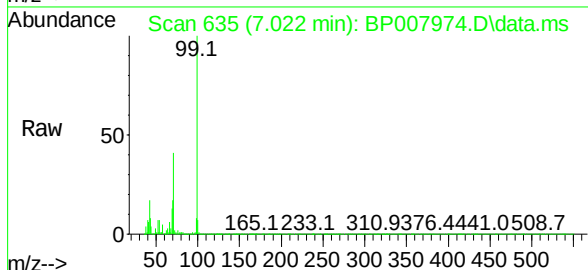
Tgt Ion: 99 Resp: 1639097

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.9	22.3
71	40.6	29.2	43.8

99 100

42 17.2 14.9 22.3

71 40.6 29.2 43.8



2-Chlorophenol

Concen: 45.48 ng

RT: 7.410 min Scan# 701

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

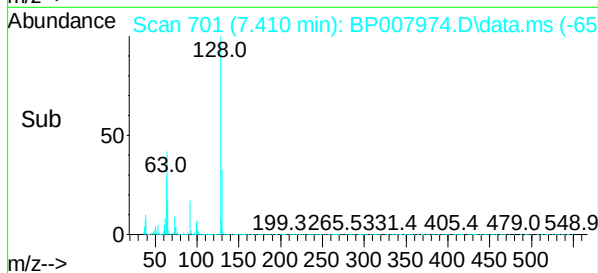
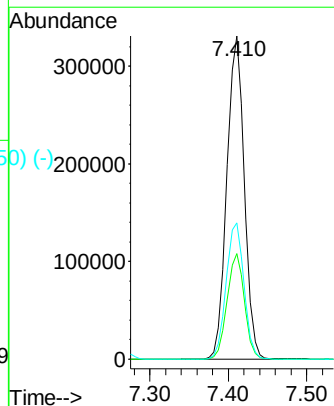
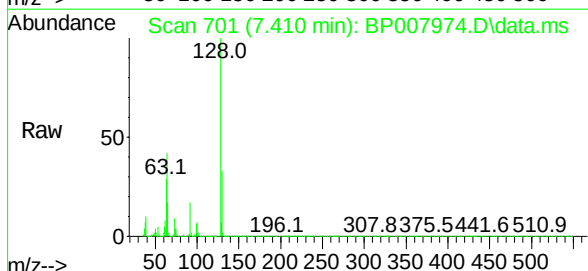
Tgt Ion: 128 Resp: 511216

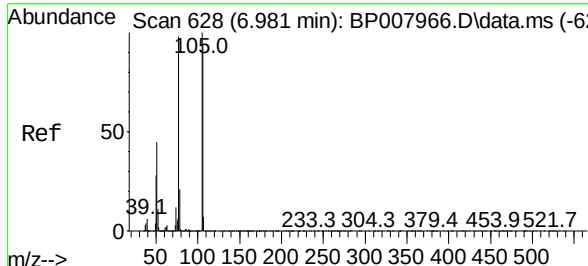
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.0	52.0
64	42.2	27.0	67.0

128 100

130 32.6 12.0 52.0

64 42.2 27.0 67.0

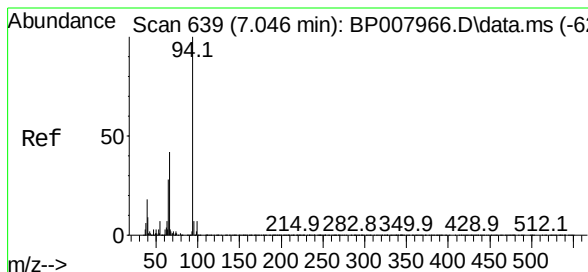
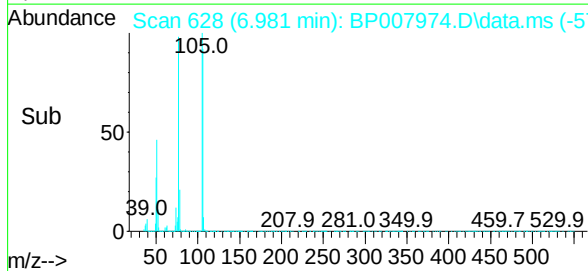
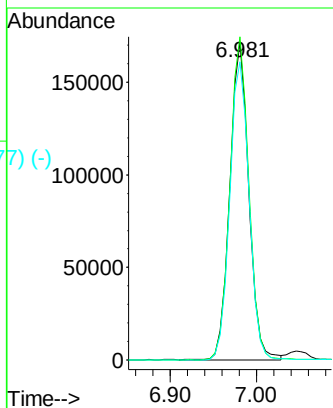
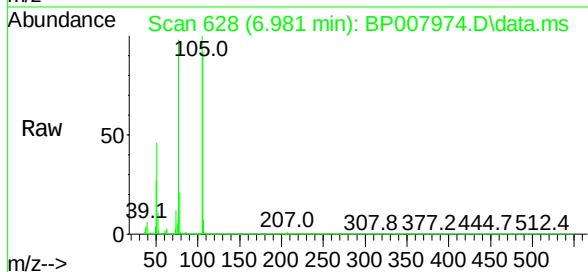




Scan 628 (6.981 min): BP007966.D\data.ms (-620)
 Benzaldehyde
 Concen: 33.13 ng
 RT: 6.981 min Scan# 628
 Delta R.T. 0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

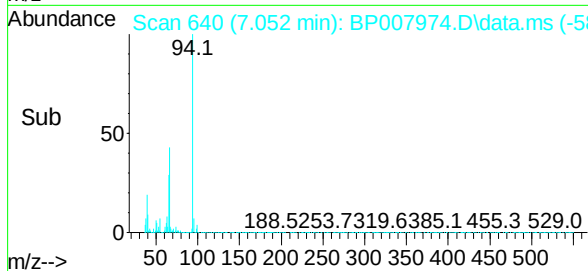
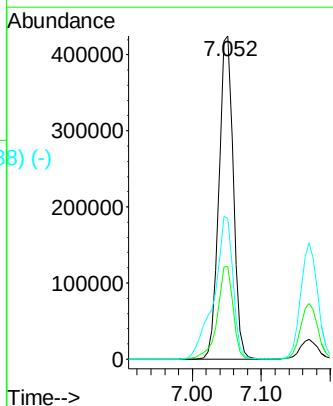
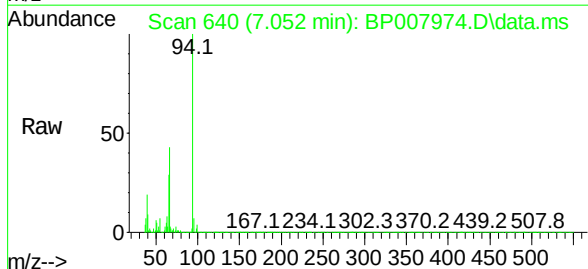
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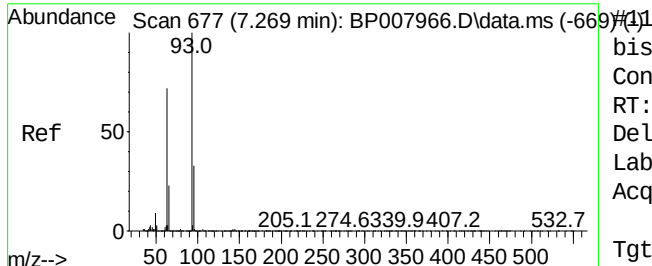
Tgt Ion:	77	Resp:	264425
Ion	Ratio	Lower	Upper
77	100		
105	101.7	77.5	117.5
106	93.9	72.1	112.1



Scan 639 (7.046 min): BP007966.D\data.ms (-625)
 Phenol
 Concen: 44.90 ng
 RT: 7.052 min Scan# 640
 Delta R.T. 0.006 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

Tgt Ion:	94	Resp:	616101
Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.2	48.2
66	43.5	18.8	58.8

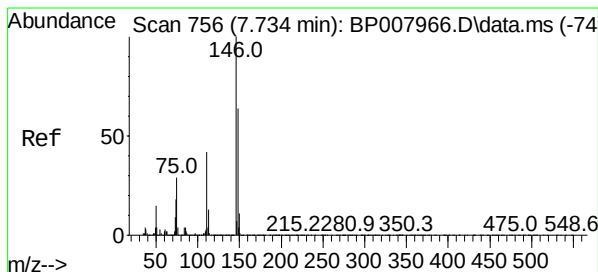
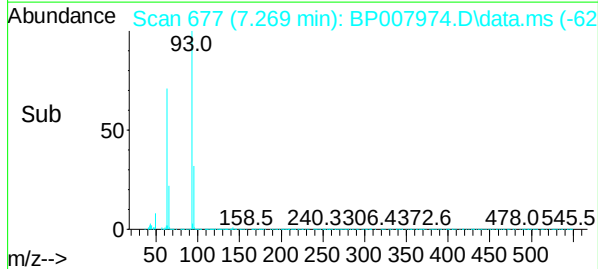
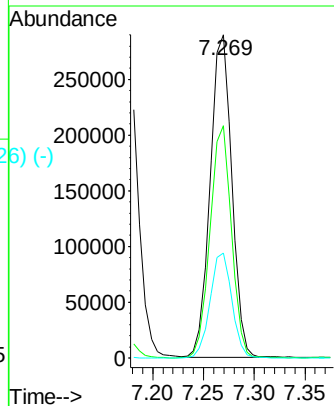
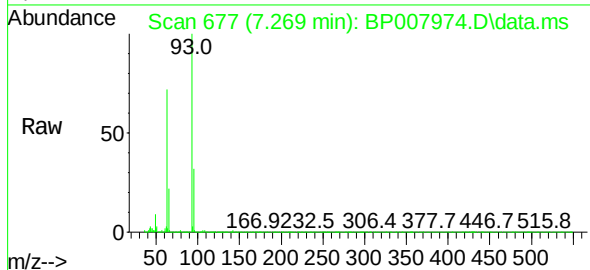




bis(2-Chloroethyl)ether
 Concen: 38.03 ng
 RT: 7.269 min Scan# 677
 Delta R.T. 0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

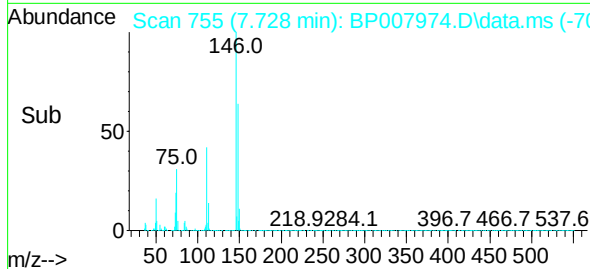
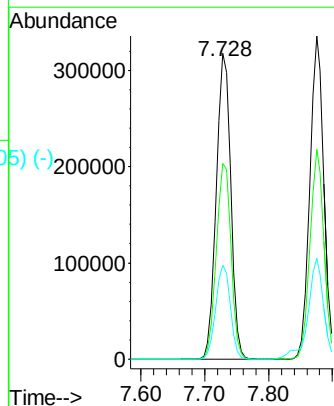
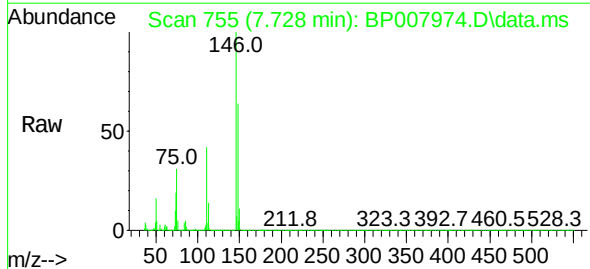
Instrument :
 BNA_P
 ClientSampleId :
 PB140662BS

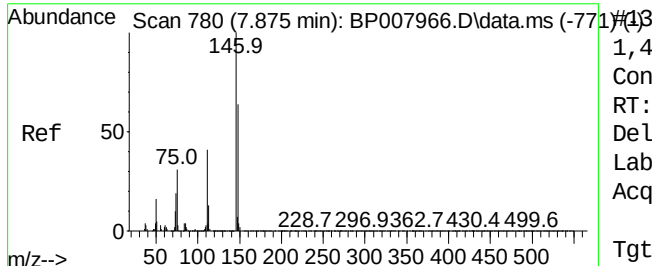
Tgt Ion:	93	Resp:	428881
Ion	Ratio	Lower	Upper
93	100		
63	71.9	55.7	95.7
95	32.4	12.7	52.7



1,3-Dichlorobenzene
 Concen: 39.48 ng
 RT: 7.728 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

Tgt Ion:	146	Resp:	498979
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
75	30.8	26.1	39.1





1,4-Dichlorobenzene

Concen: 40.11 ng

RT: 7.875 min Scan#

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS

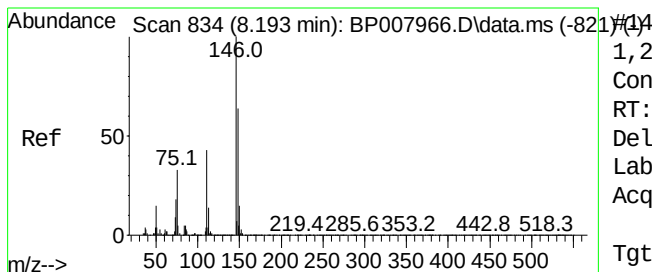
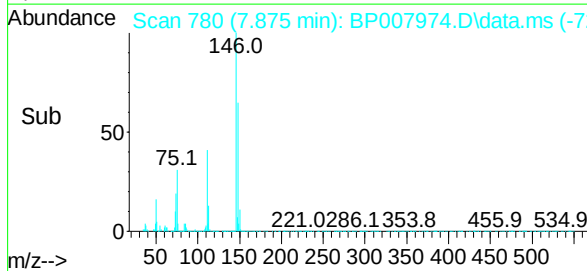
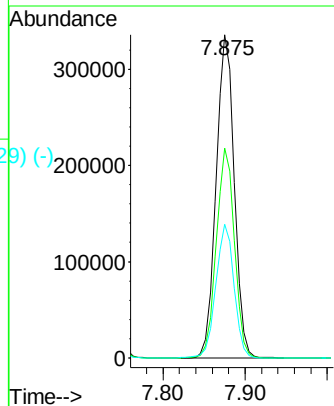
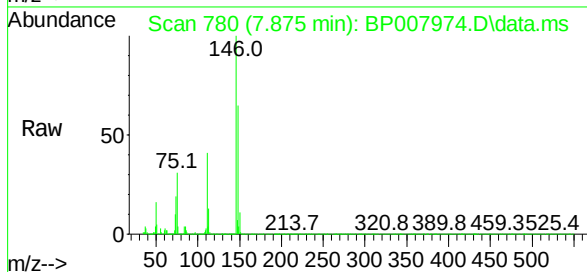
Tgt Ion:146 Resp: 515408

Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.6

111 41.4 32.8 49.2



1,2-Dichlorobenzene

Concen: 38.68 ng

RT: 8.193 min Scan# 834

Delta R.T. -0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

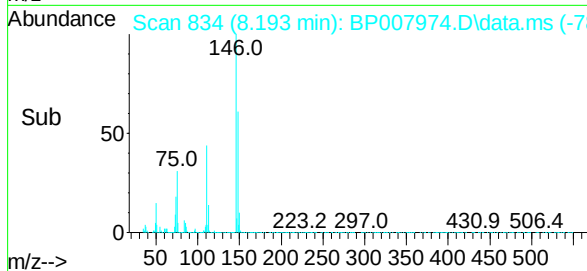
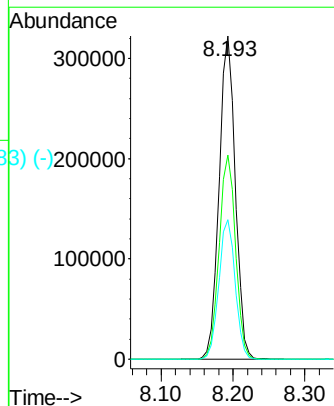
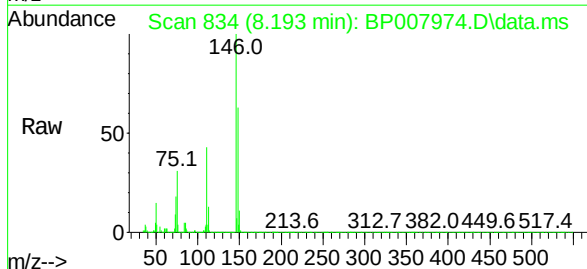
Tgt Ion:146 Resp: 501832

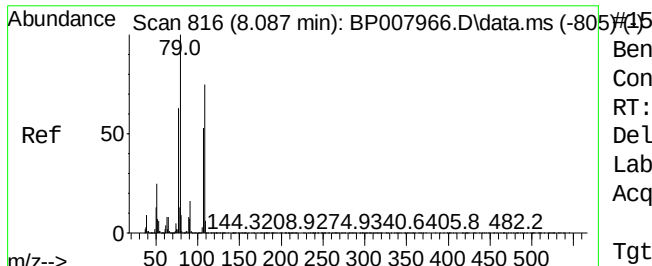
Ion Ratio Lower Upper

146 100

148 63.2 51.5 77.3

111 43.1 35.1 52.7





Benzyl Alcohol

Concen: 43.93 ng

RT: 8.087 min Scan# 816

Delta R.T. -0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS

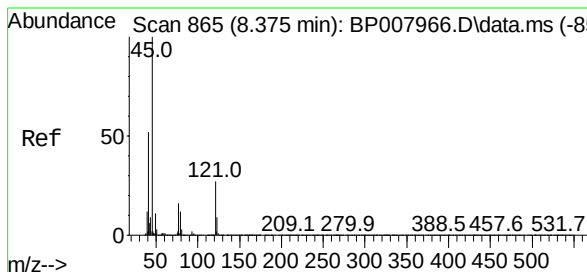
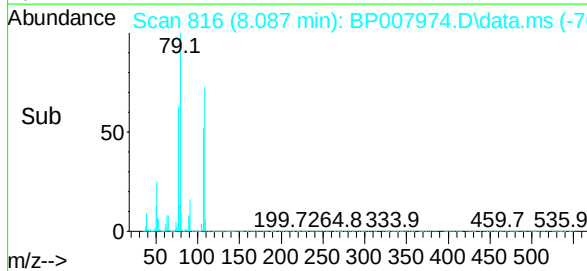
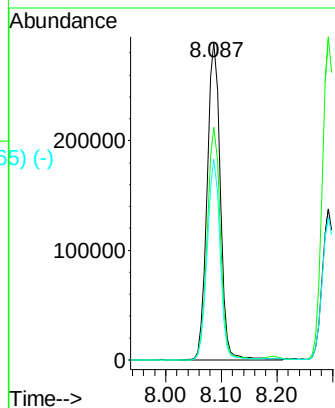
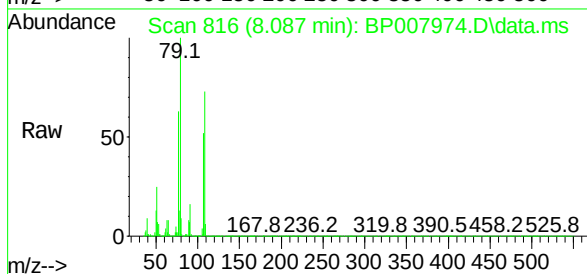
Tgt Ion: 79 Resp: 469978

Ion Ratio Lower Upper

79 100

108 73.3 59.9 89.9

77 63.2 51.1 76.7



2,2'-oxybis(1-Chloropropane)

Concen: 40.85 ng

RT: 8.381 min Scan# 866

Delta R.T. 0.006 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

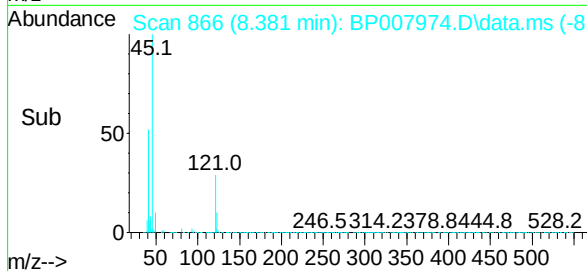
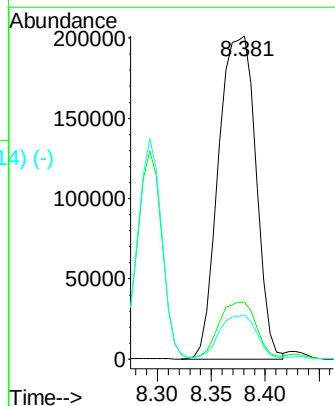
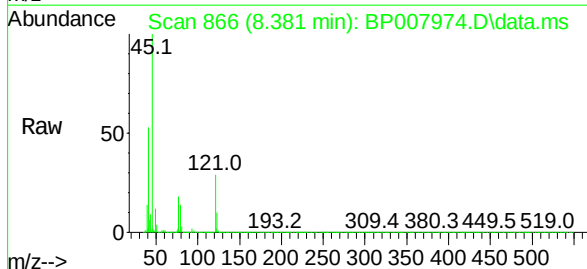
Tgt Ion: 45 Resp: 486427

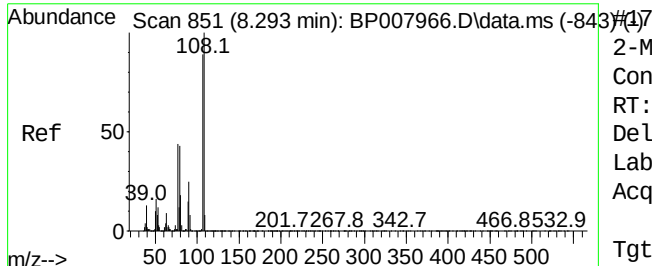
Ion Ratio Lower Upper

45 100

77 17.7 0.0 34.9

79 13.7 0.0 31.7





2-Methylphenol

Concen: 45.02 ng

RT: 8.293 min Scan# 851

Delta R.T. -0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS

Tgt Ion:107 Resp: 425461

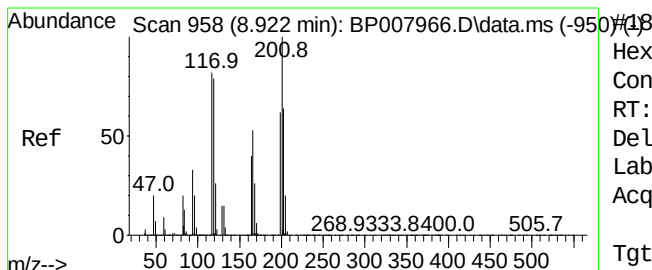
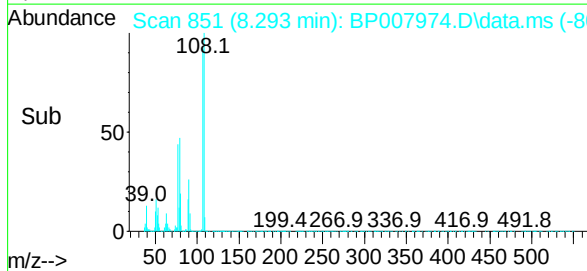
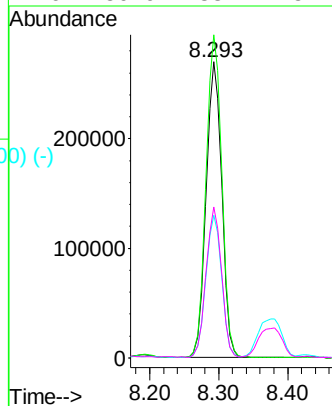
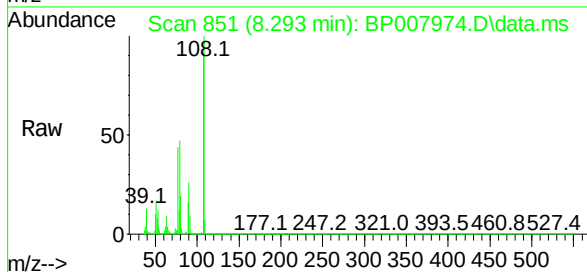
Ion Ratio Lower Upper

107 100

108 109.0 89.2 133.8

77 48.1 38.5 57.7

79 50.9 38.4 57.6



Hexachloroethane

Concen: 41.87 ng

RT: 8.922 min Scan# 958

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

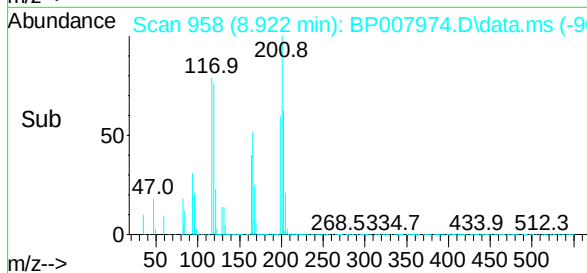
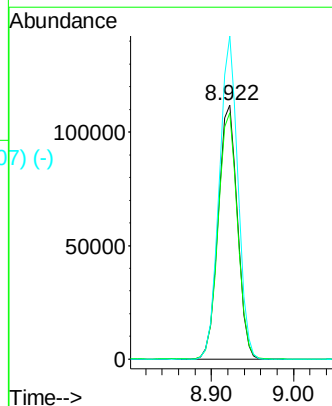
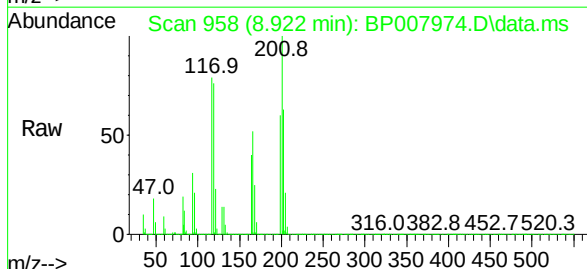
Tgt Ion:117 Resp: 182455

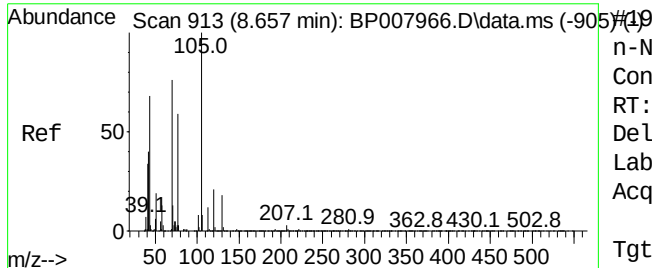
Ion Ratio Lower Upper

117 100

119 97.0 77.6 116.4

201 127.2 82.9 124.3#

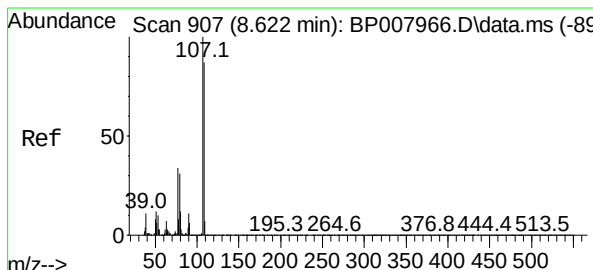
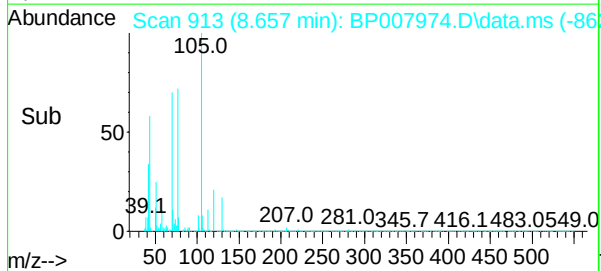
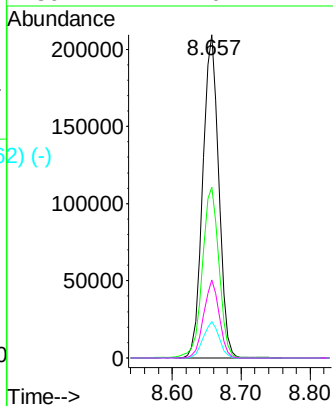
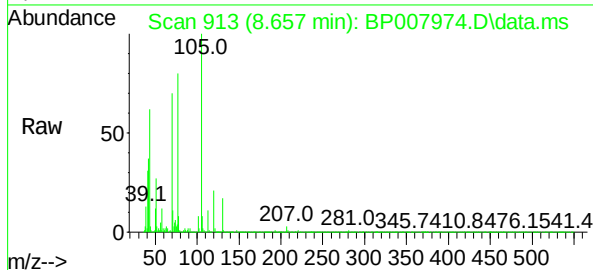




n-Nitroso-di-n-propylamine
 Concen: 38.13 ng
 RT: 8.657 min Scan# 913
 Delta R.T. 0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

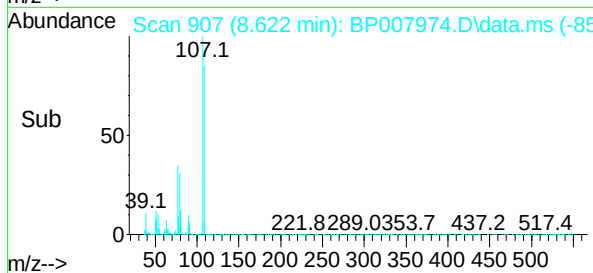
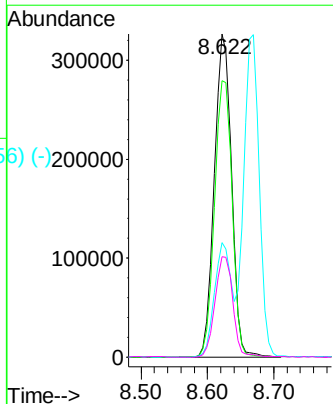
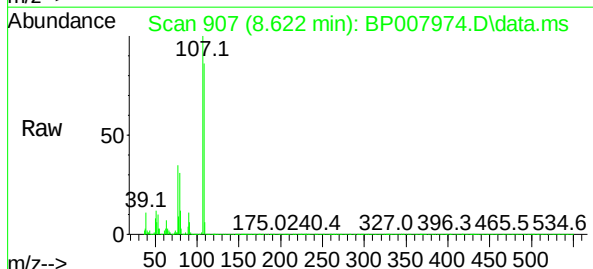
Instrument :
 BNA_P
 ClientSampleId :
 PB140662BS

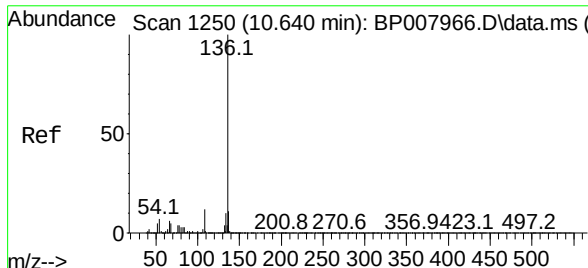
Tgt Ion:	70	Resp:	335671
Ion	Ratio	Lower	Upper
70	100		
42	52.9	46.2	69.2
101	11.3	7.7	11.5
130	24.2	16.2	24.4



3+4-Methylphenols
 Concen: 44.38 ng
 RT: 8.622 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

Tgt Ion:	107	Resp:	581126
Ion	Ratio	Lower	Upper
107	100		
108	85.5	69.2	109.2
77	35.4	13.8	53.8
79	31.2	10.2	50.2

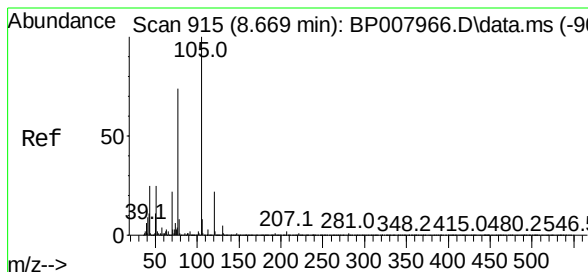
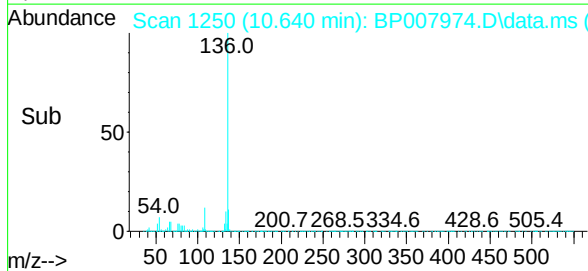
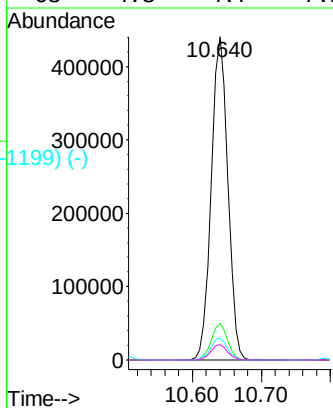
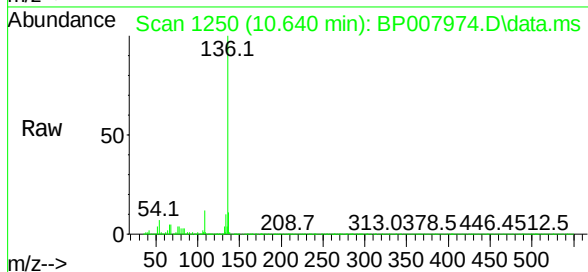




#21 (-)
Naphthalene-d8
Concen: 20.00 ng
RT: 10.640 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

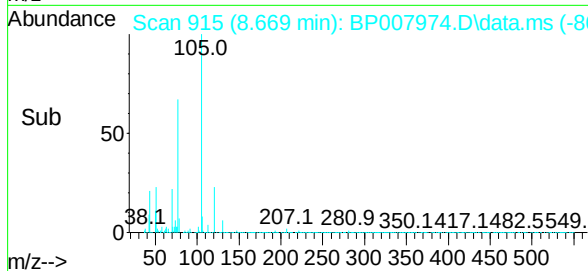
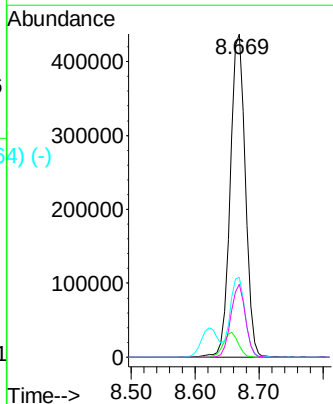
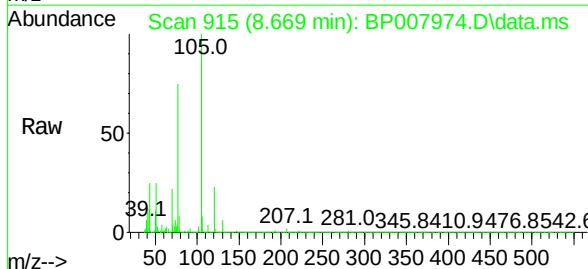
Instrument :
BNA_P
ClientSampleId :
PB140662BS

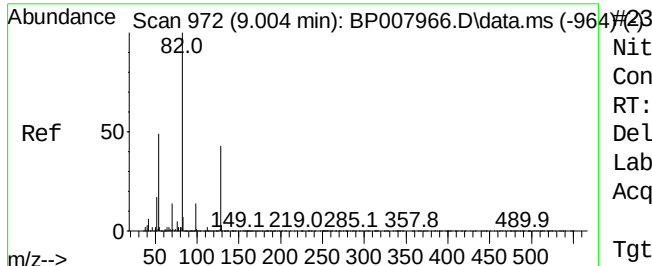
Tgt Ion:	136	Resp:	735258
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	6.7	6.2	9.4
68	4.8	4.7	7.1



#22
Acetophenone
Concen: 38.19 ng
RT: 8.669 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

Tgt Ion:	105	Resp:	714239
Ion	Ratio	Lower	Upper
105	100		
71	3.5	4.5	6.7#
51	24.8	21.8	32.8
120	22.6	17.6	26.4





Nitrobenzene-d5

Concen: 72.84 ng

RT: 9.004 min Scan# 972

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS

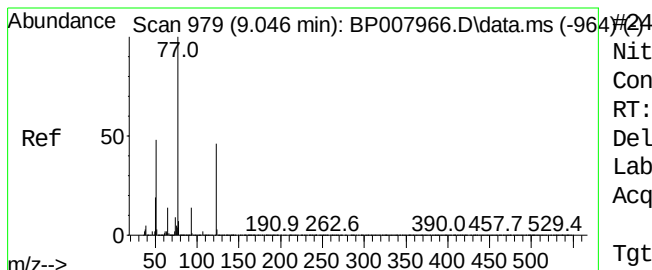
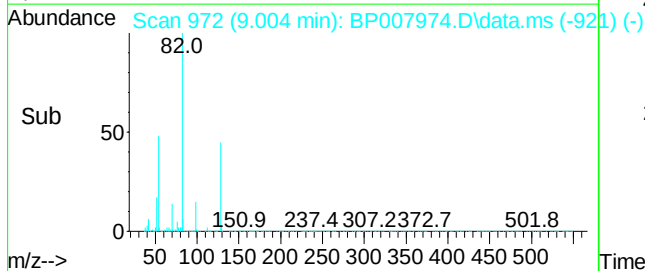
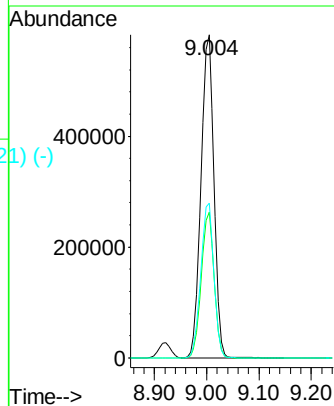
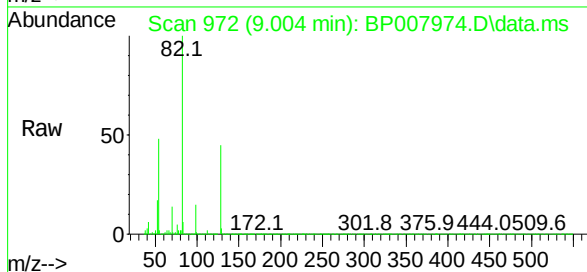
Tgt Ion: 82 Resp: 1000787

Ion Ratio Lower Upper

82 100

128 45.1 32.6 48.8

54 47.9 40.4 60.6



Nitrobenzene

Concen: 40.03 ng

RT: 9.046 min Scan# 979

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

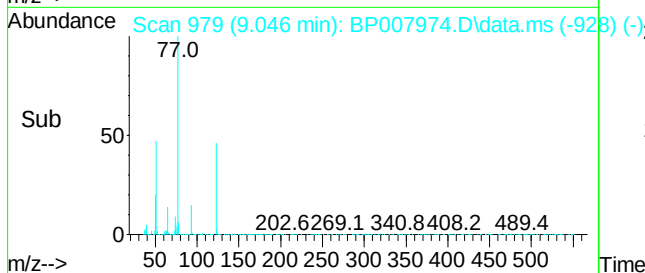
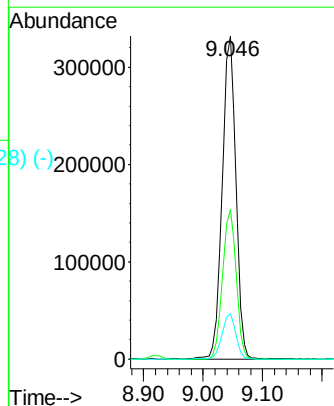
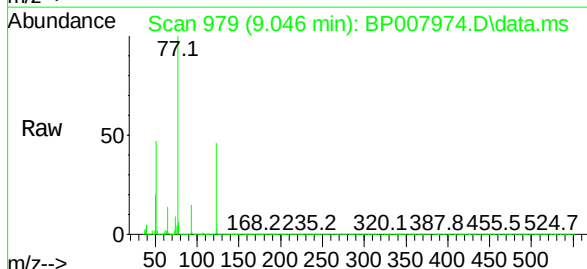
Tgt Ion: 77 Resp: 525688

Ion Ratio Lower Upper

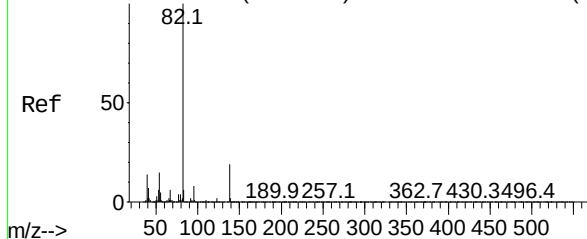
77 100

123 46.3 35.3 52.9

65 14.0 10.9 16.3



Abundance Scan 1070 (9.581 min): BP007966.D\data.ms (-1025-)



Isophorone

Concen: 39.20 ng

RT: 9.581 min Scan# 1070

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS

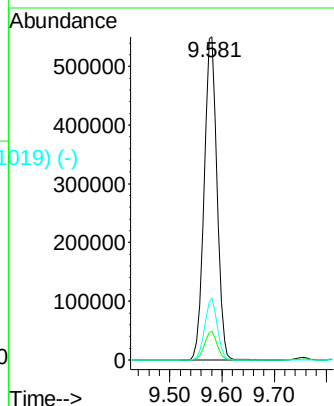
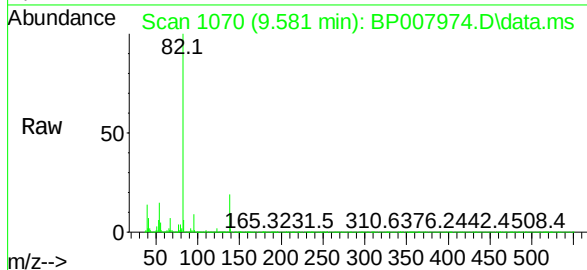
Tgt Ion: 82 Resp: 936892

Ion Ratio Lower Upper

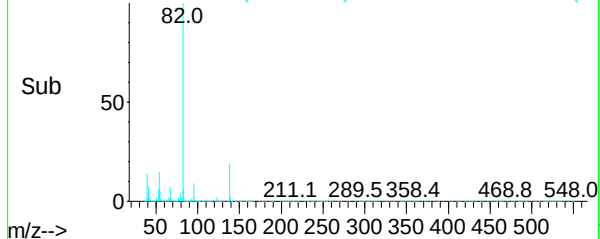
82 100

95 8.9 6.2 9.2

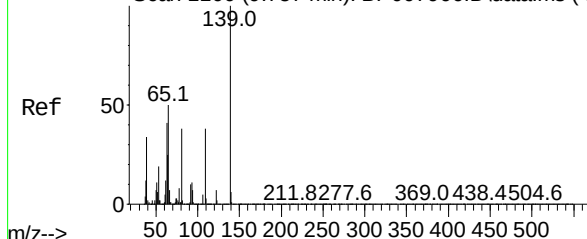
138 19.1 14.0 21.0



Abundance Scan 1070 (9.581 min): BP007974.D\data.ms (-1019-)



Abundance Scan 1100 (9.757 min): BP007966.D\data.ms (-1026-)



2-Nitrophenol

Concen: 41.66 ng

RT: 9.751 min Scan# 1099

Delta R.T. -0.006 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

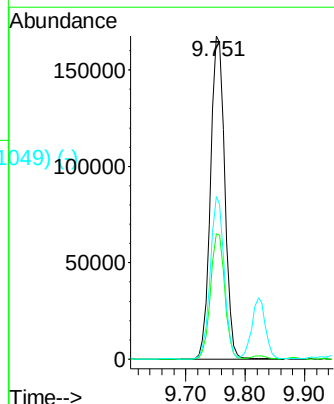
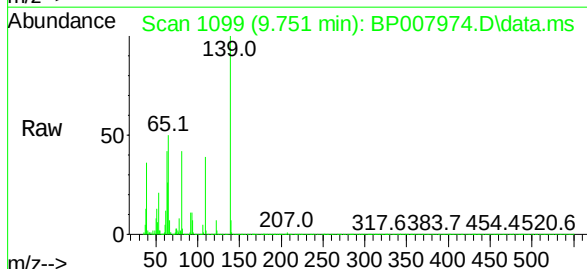
Tgt Ion:139 Resp: 279304

Ion Ratio Lower Upper

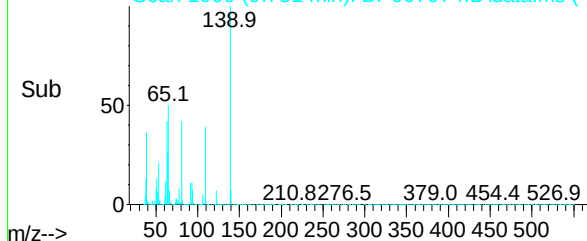
139 100

109 38.7 26.2 39.2

65 50.3 40.3 60.5



Abundance Scan 1099 (9.751 min): BP007974.D\data.ms (-1049-)



Abundance Scan 1111 (9.822 min): BP007966.D\data.ms (-11067-)

2,4-Dimethylphenol

Concen: 47.43 ng

RT: 9.822 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BP007974.D

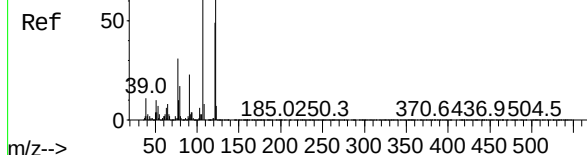
Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS



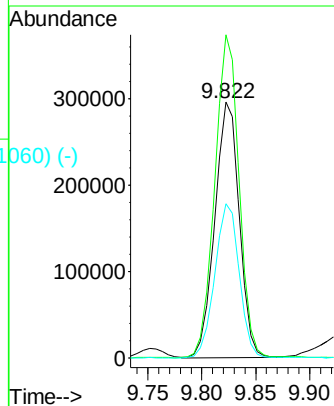
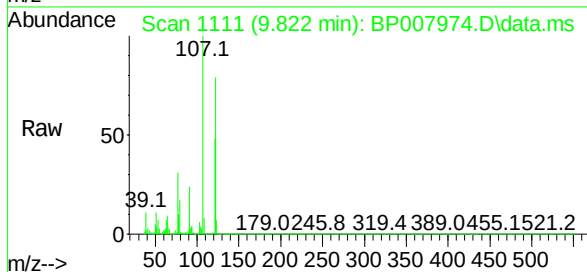
Tgt Ion: 122 Resp: 469692

Ion Ratio Lower Upper

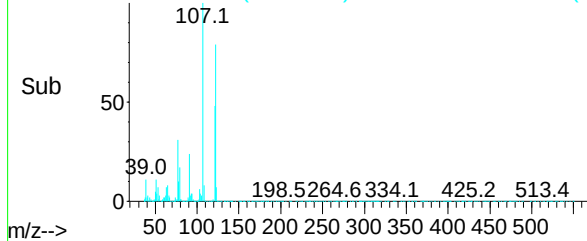
122 100

107 126.3 93.8 140.6

121 60.2 47.0 70.4



Abundance Scan 1111 (9.822 min): BP007974.D\data.ms (-1060) (-)



Abundance Scan 1151 (10.057 min): BP007966.D\data.ms (-11423-)

bis(2-Chloroethoxy)methane

Concen: 36.93 ng

RT: 10.057 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

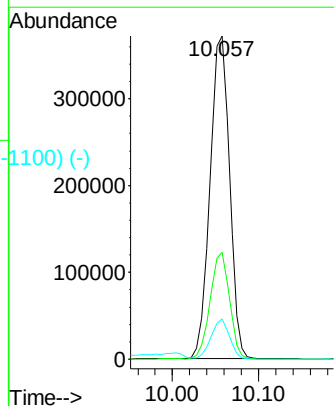
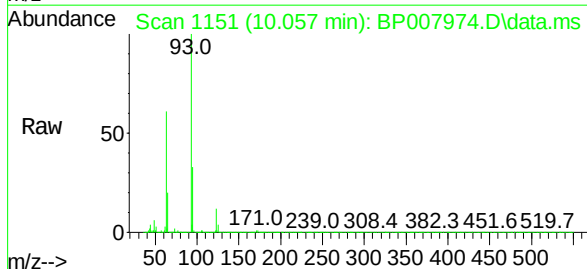
Tgt Ion: 93 Resp: 585592

Ion Ratio Lower Upper

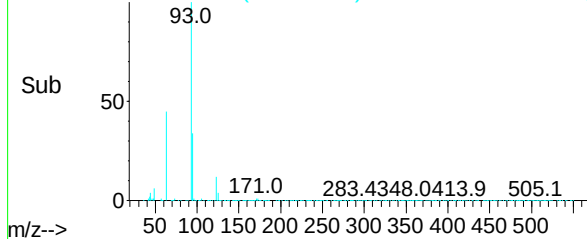
93 100

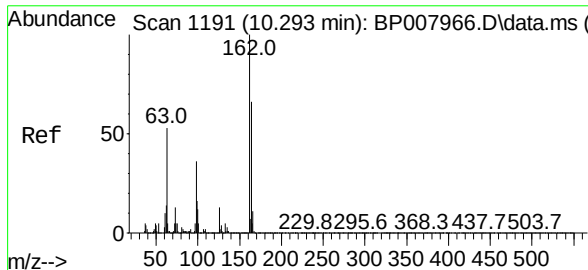
95 33.0 26.1 39.1

123 12.4 8.5 12.7



Abundance Scan 1151 (10.057 min): BP007974.D\data.ms (-1100) (-)

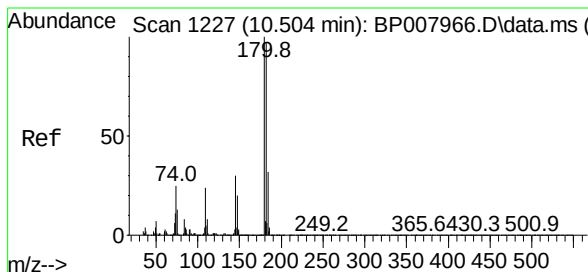
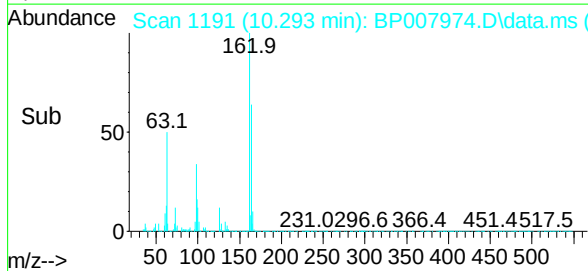
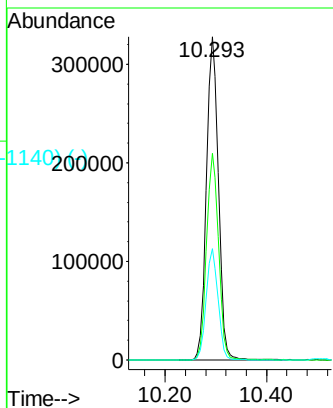
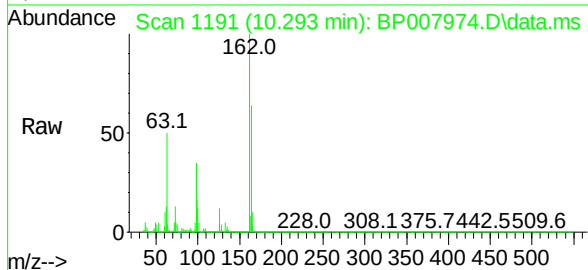




2,4-Dichlorophenol
Concen: 43.97 ng
RT: 10.293 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

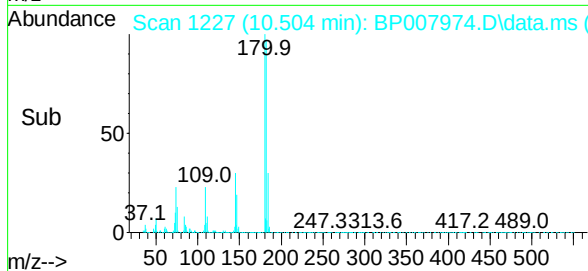
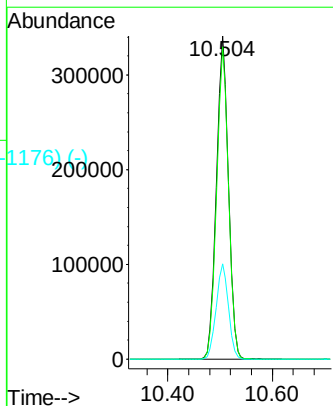
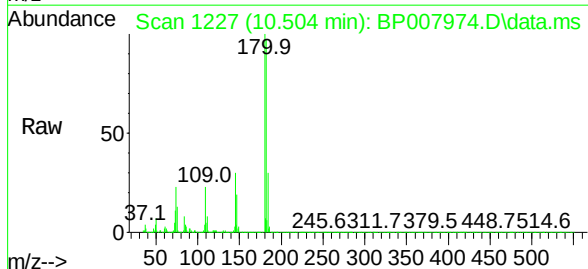
Instrument :
BNA_P
ClientSampleId :
PB140662BS

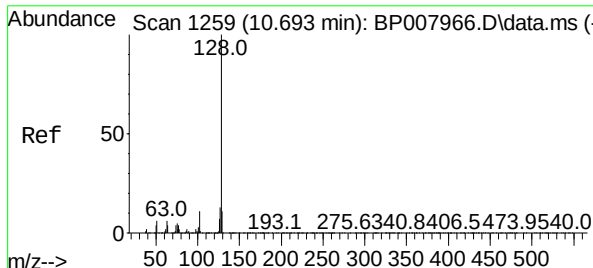
Tgt Ion:	162	Resp:	536029
Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.0	84.0
98	34.5	16.3	56.3



1,2,4-Trichlorobenzene
Concen: 39.07 ng
RT: 10.504 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

Tgt Ion:	180	Resp:	544929
Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.4	117.6
145	29.5	23.8	35.8

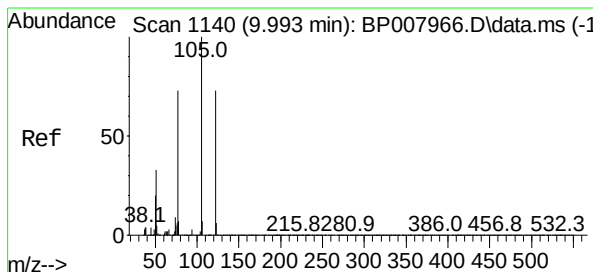
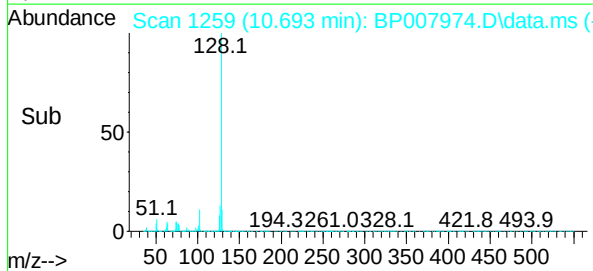
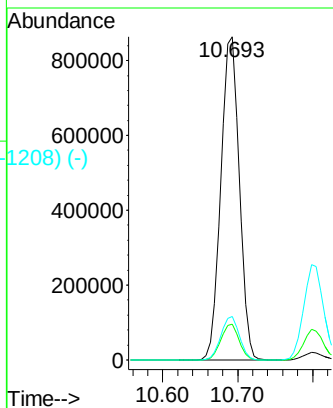
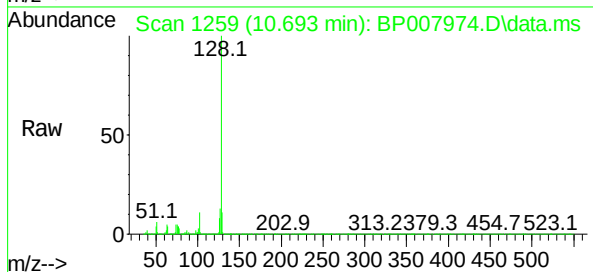




Naphthalene
Concen: 38.90 ng
RT: 10.693 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

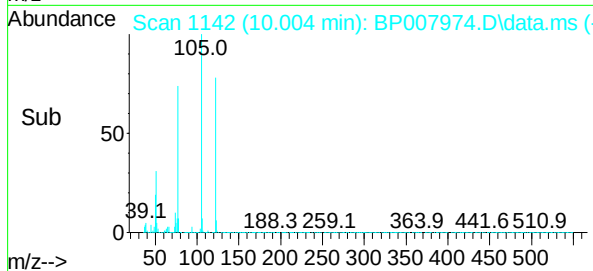
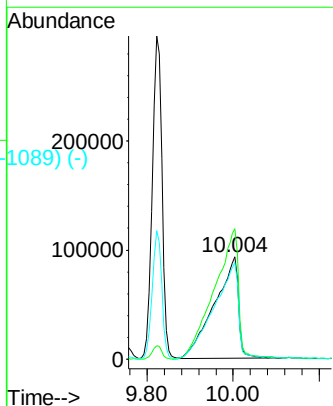
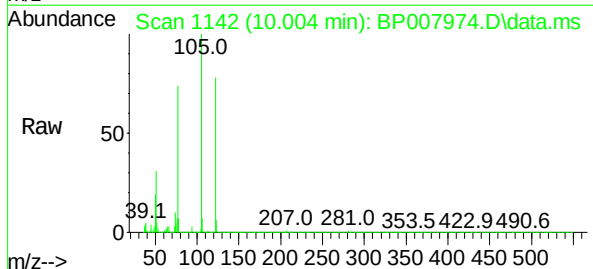
Instrument :
BNA_P
ClientSampleId :
PB140662BS

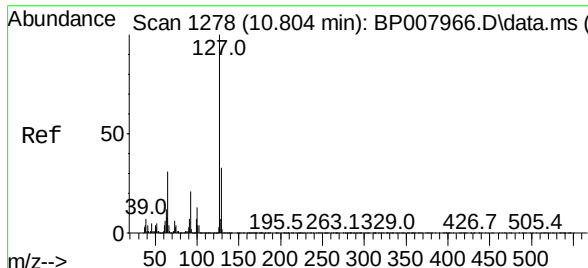
Tgt Ion:	128	Resp:	1460431
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.4	10.2	15.4



Benzoic acid
Concen: 42.42 ng
RT: 10.004 min Scan# 1142
Delta R.T. 0.012 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

Tgt Ion:	122	Resp:	362955
Ion	Ratio	Lower	Upper
122	100		
105	127.6	105.9	145.9
77	94.7	74.6	114.6

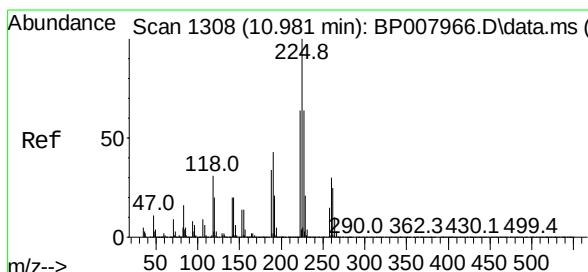
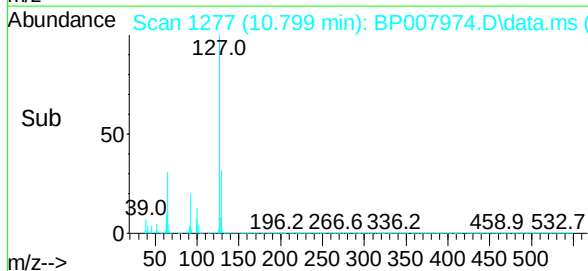
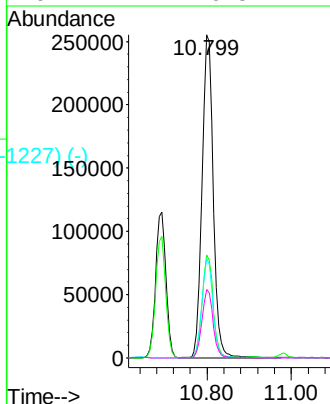
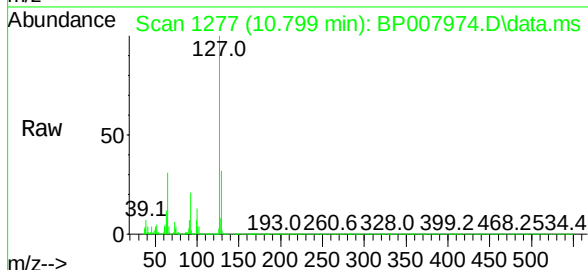




4-Chloroaniline
 Concen: 29.13 ng
 RT: 10.799 min Scan# 1277
 Delta R.T. -0.006 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

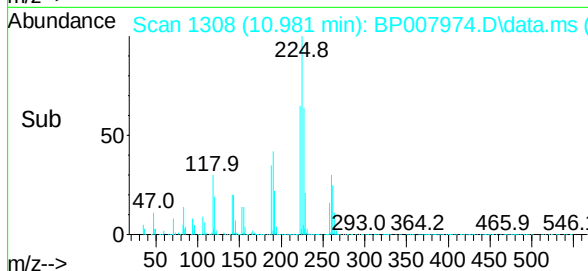
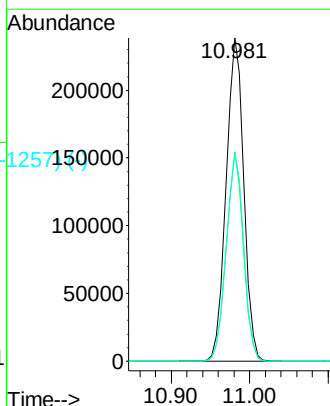
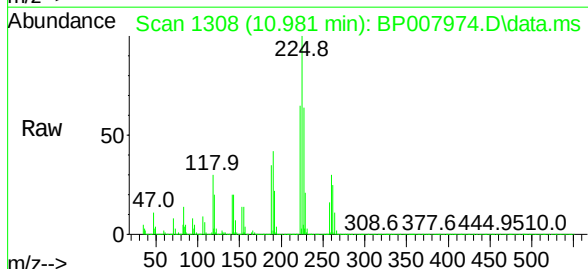
Instrument :
 BNA_P
 ClientSampleId :
 PB140662BS

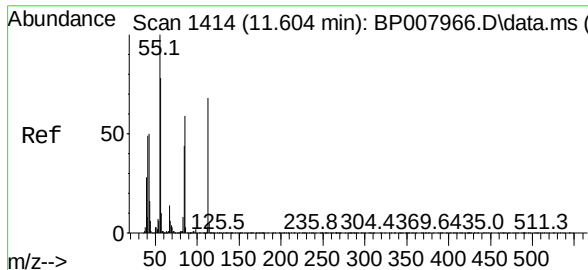
Tgt Ion:	127	Resp:	469715
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.1	37.7
65	30.6	25.5	38.3
92	21.2	16.5	24.7



Hexachlorobutadiene
 Concen: 39.08 ng
 RT: 10.981 min Scan# 1308
 Delta R.T. 0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

Tgt Ion:	225	Resp:	372430
Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.4	74.0
227	64.4	51.0	76.6

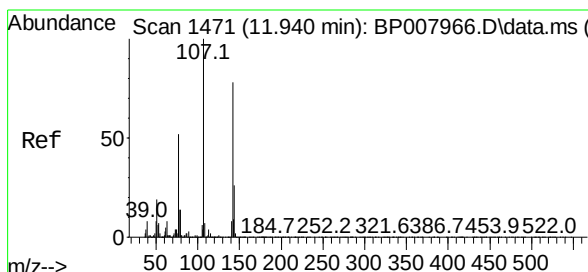
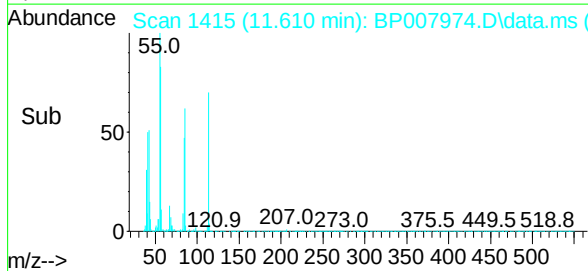
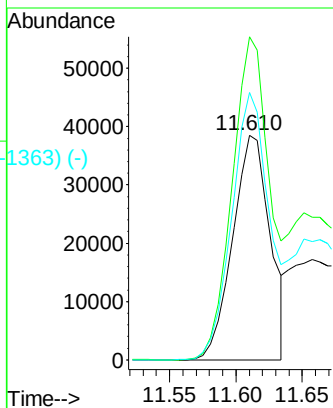
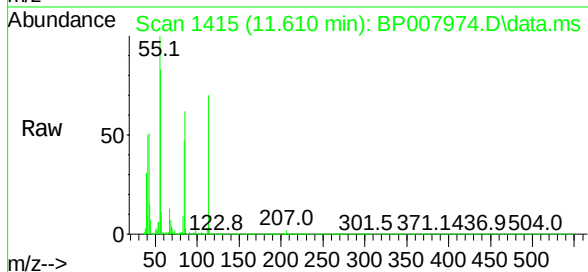




Caprolactam
Concen: 28.22 ng
RT: 11.610 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

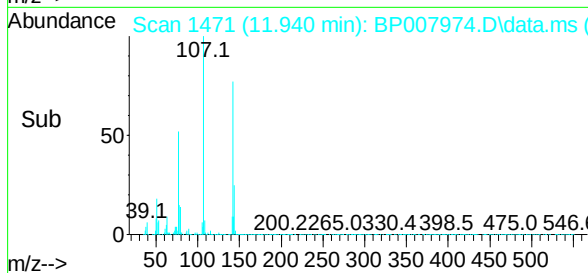
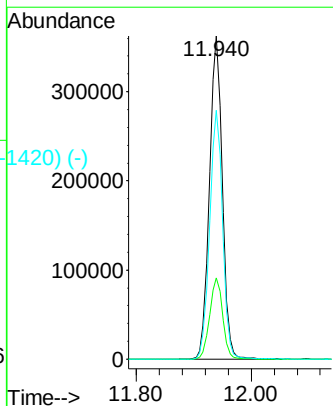
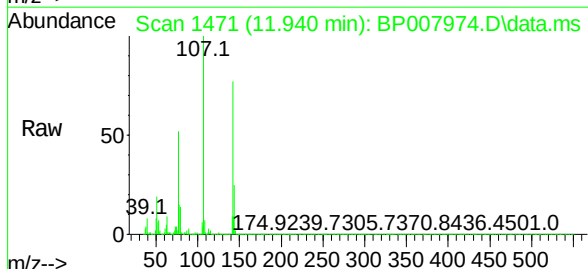
Instrument :
BNA_P
ClientSampleId :
PB140662BS

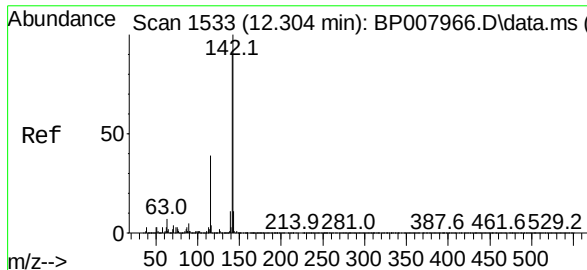
Tgt Ion:113 Resp: 75541
Ion Ratio Lower Upper
113 100
55 143.8 143.9 183.9#
56 119.0 101.6 141.6



4-Chloro-3-methylphenol
Concen: 41.09 ng
RT: 11.940 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

Tgt Ion:107 Resp: 565908
Ion Ratio Lower Upper
107 100
144 25.1 20.5 30.7
142 77.1 63.0 94.4

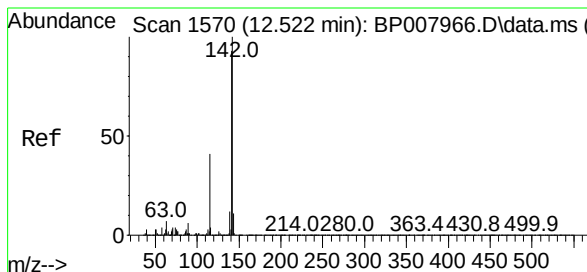
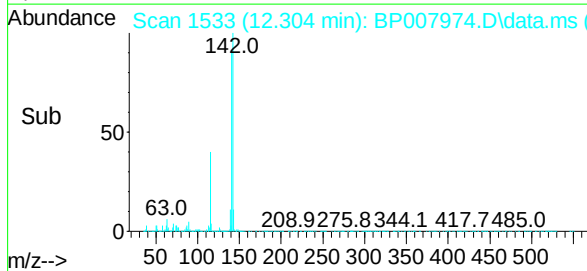
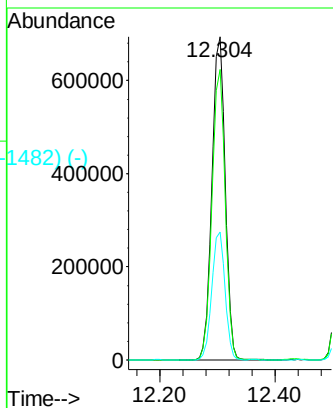
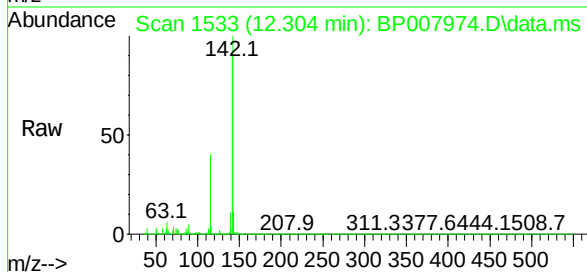




2-Methylnaphthalene
Concen: 40.52 ng
RT: 12.304 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

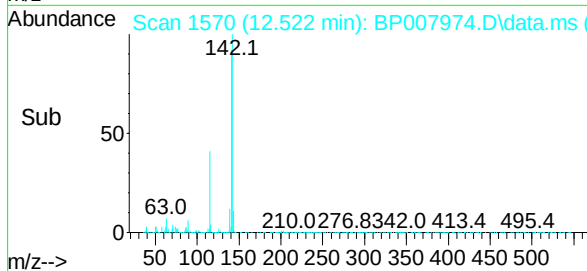
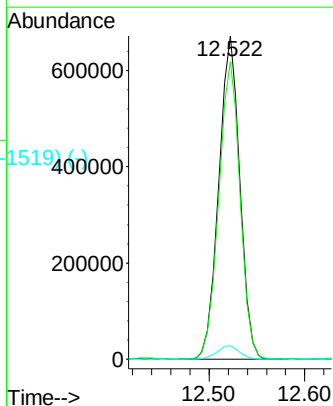
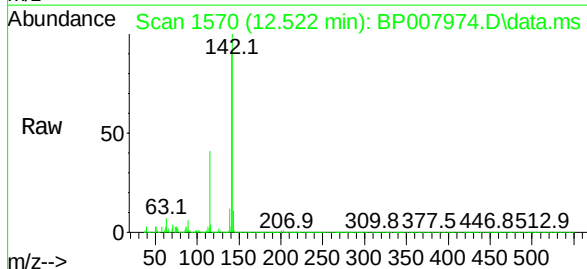
Instrument :
BNA_P
ClientSampleId :
PB140662BS

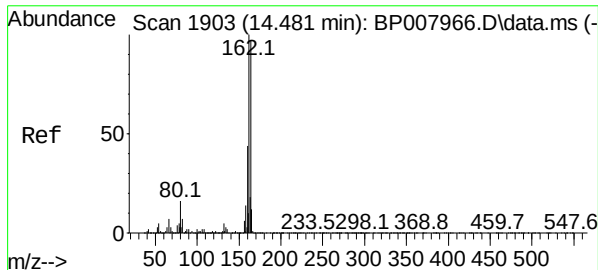
Tgt Ion:142 Resp: 1111876
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.0
115 39.6 29.5 44.3



1-Methylnaphthalene
Concen: 38.25 ng
RT: 12.522 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

Tgt Ion:142 Resp: 1023669
Ion Ratio Lower Upper
142 100
141 92.1 74.4 111.6
116 4.2 3.4 5.0





Acenaphthene-d10

Concen: 20.00 ng

RT: 14.481 min Scan# 1903

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS

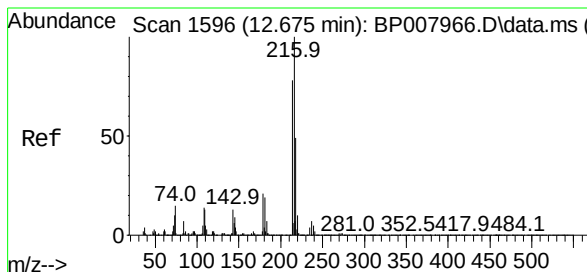
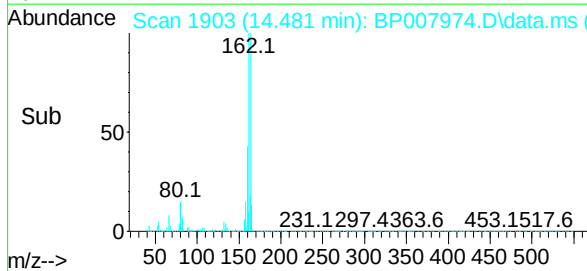
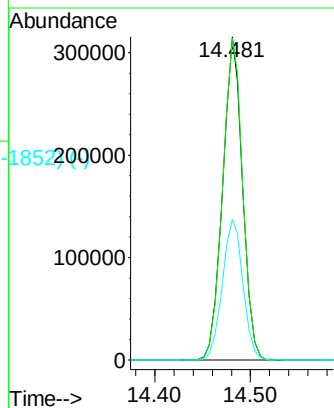
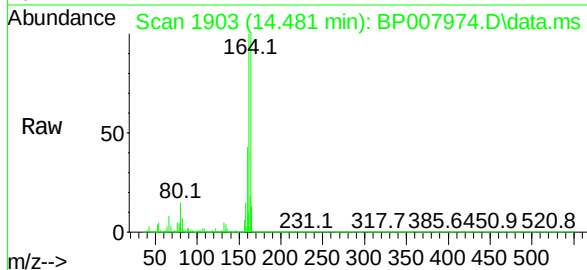
Tgt Ion:164 Resp: 452431

Ion Ratio Lower Upper

164 100

162 99.7 81.1 121.7

160 43.5 36.0 54.0



1,2,4,5-Tetrachlorobenzene

Concen: 43.84 ng

RT: 12.675 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Tgt Ion:216 Resp: 660839

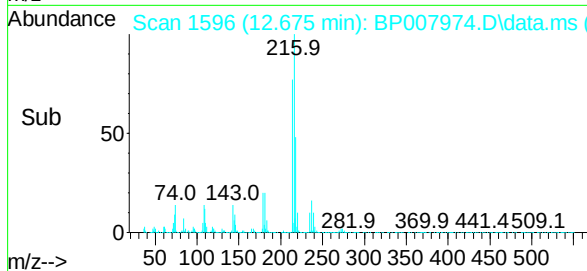
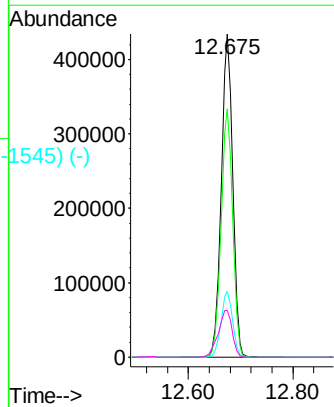
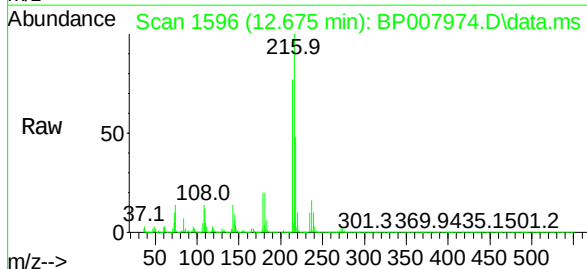
Ion Ratio Lower Upper

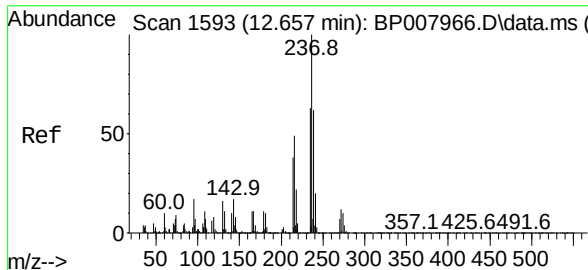
216 100

214 77.5 62.2 93.4

179 20.4 17.1 25.7

108 17.7 15.4 23.0

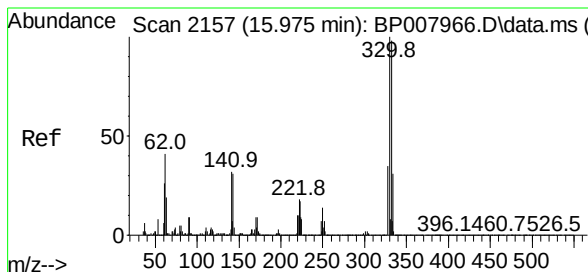
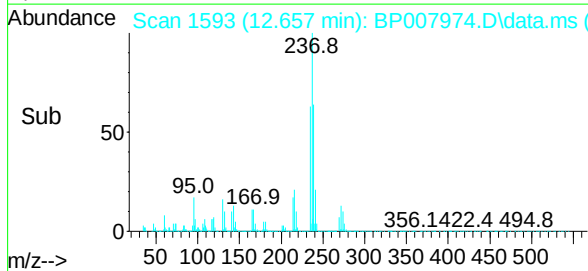
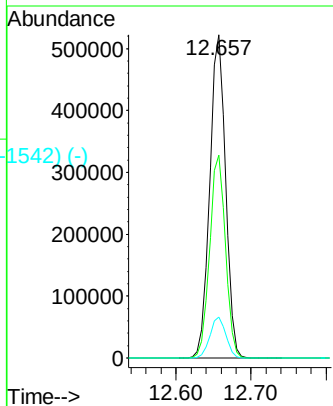
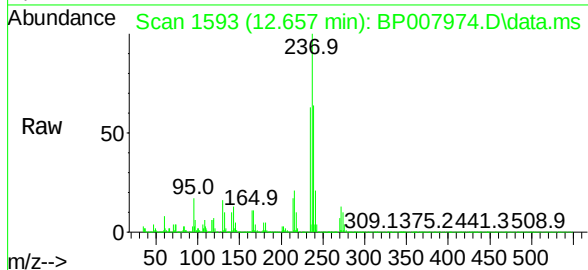




Scan 1593 (12.657 min): BP007966.D\data.ms (-1540) (-)
 Hexachlorocyclopentadiene
 Concen: 100.44 ng
 RT: 12.657 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

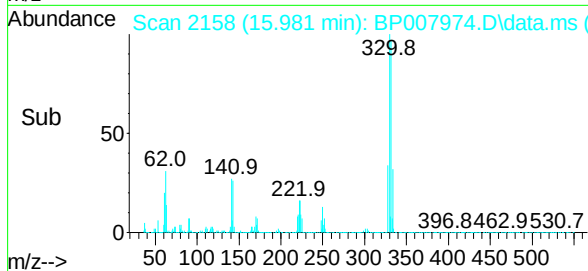
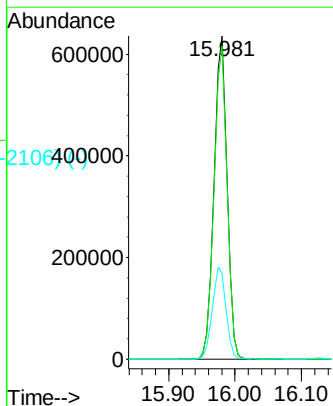
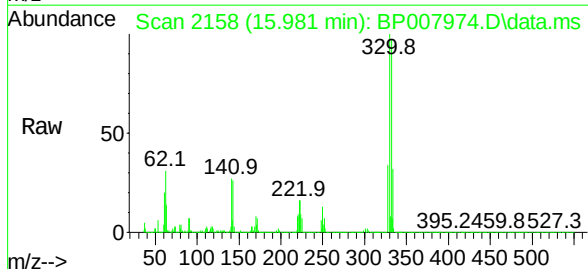
Instrument :
 BNA_P
 ClientSampleId :
 PB140662BS

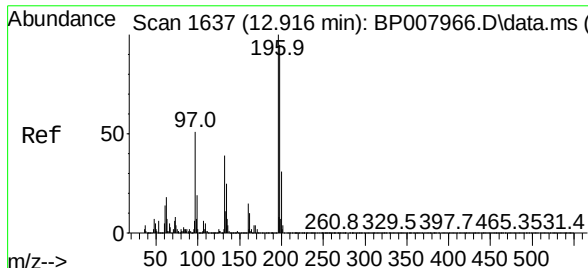
Tgt Ion:	237	Resp:	770193
Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.2	81.2
272	12.7	0.0	31.9



Scan 2157 (15.975 min): BP007966.D\data.ms (-2143) (-)
 2,4,6-Tribromophenol
 Concen: 121.58 ng
 RT: 15.981 min Scan# 2158
 Delta R.T. 0.006 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

Tgt Ion:	330	Resp:	865462
Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.9	118.3
141	29.8	30.7	46.1#

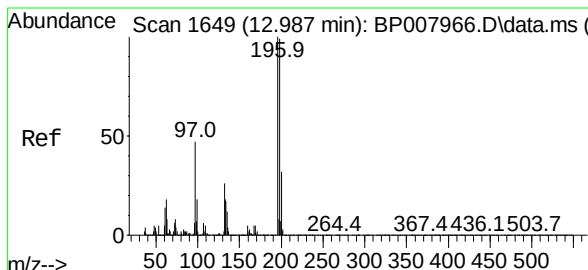
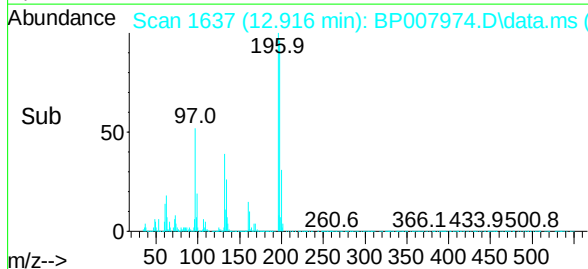
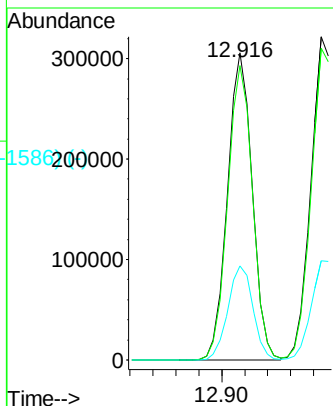
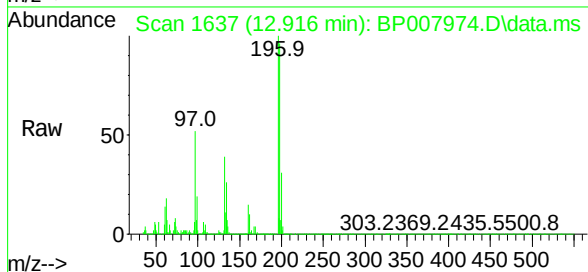




Scan 1637 (12.916 min): BP007966.D\data.ms (-1626)
 2,4,6-Trichlorophenol
 Concen: 44.19 ng
 RT: 12.916 min Scan# 1637
 Delta R.T. 0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

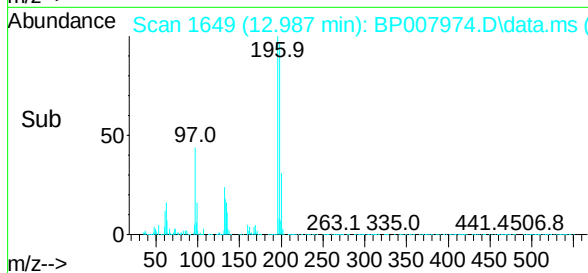
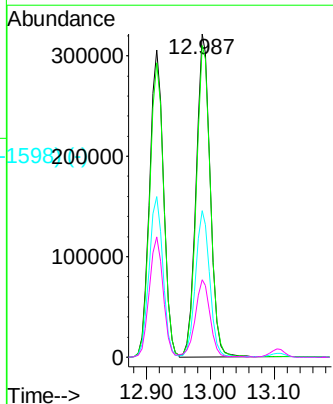
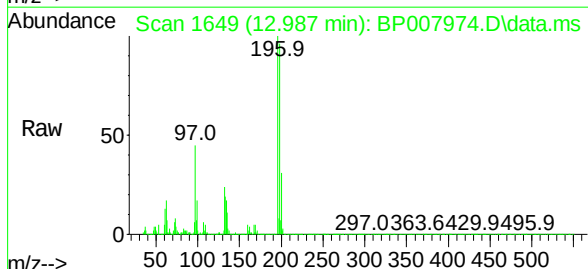
Instrument :
 BNA_P
 ClientSampleId :
 PB140662BS

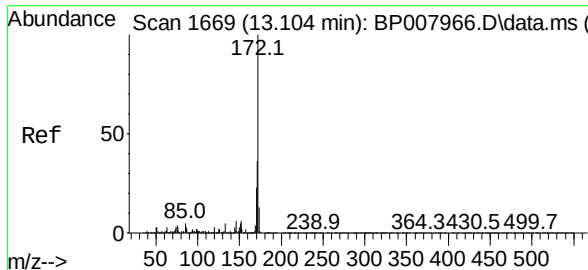
Tgt Ion:	196	Resp:	455175
Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.4	114.6
200	30.7	25.0	37.4



Scan 1649 (12.987 min): BP007966.D\data.ms (-1649)
 2,4,5-Trichlorophenol
 Concen: 44.46 ng
 RT: 12.987 min Scan# 1649
 Delta R.T. -0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

Tgt Ion:	196	Resp:	497645
Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.1	115.7
97	45.3	40.9	61.3
132	24.0	21.2	31.8

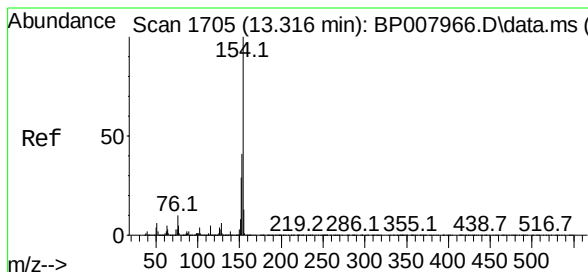
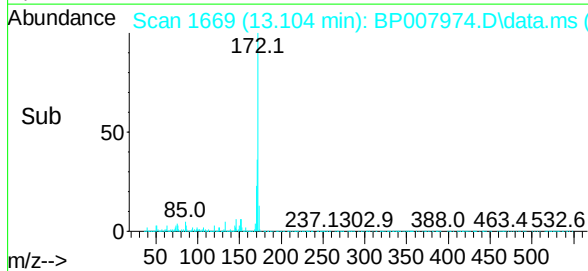
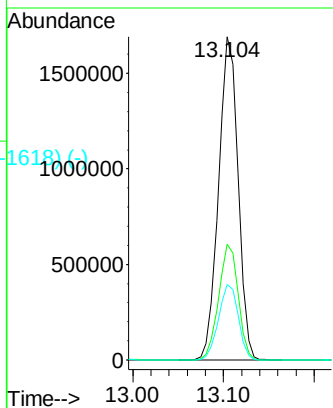
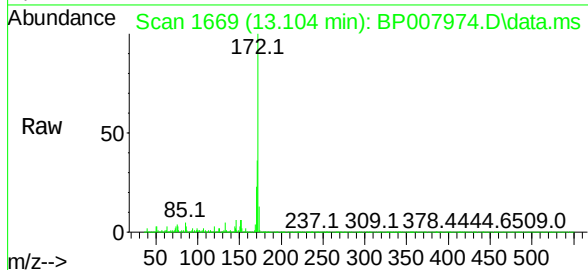




2-Fluorobiphenyl
Concen: 78.31 ng
RT: 13.104 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

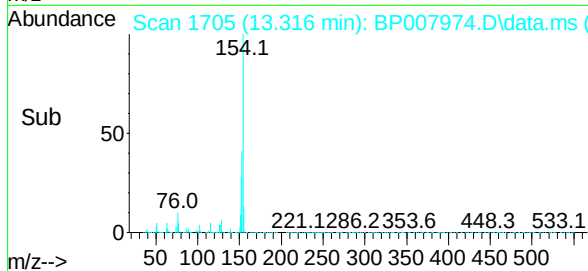
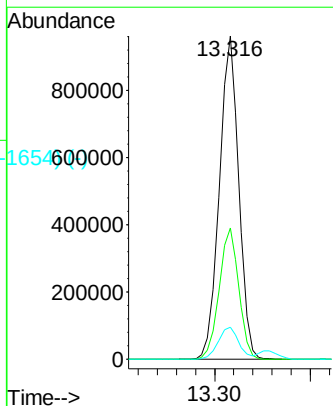
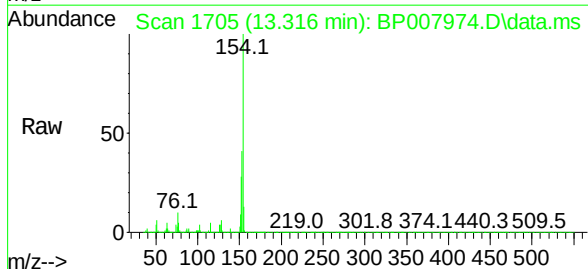
Instrument :
BNA_P
ClientSampleId :
PB140662BS

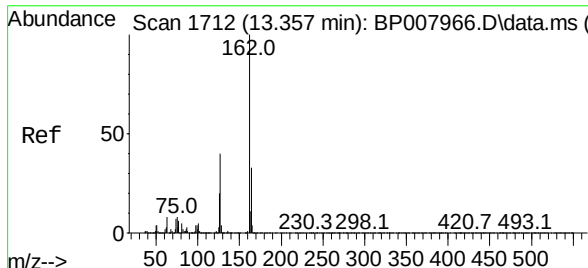
Tgt Ion:	172	Resp:	2525915
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.2
170	23.4	19.0	28.4



1,1'-Biphenyl
Concen: 39.85 ng
RT: 13.316 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

Tgt Ion:	154	Resp:	1346642
Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.9	59.9
76	9.9	0.0	32.4

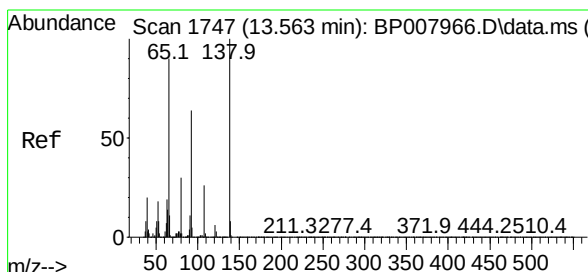
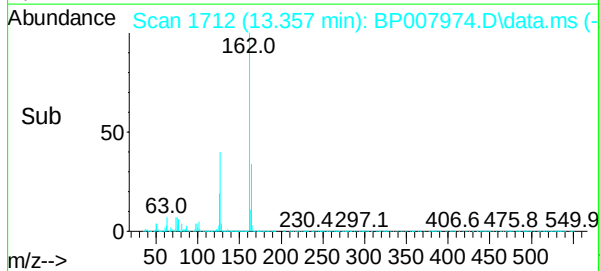
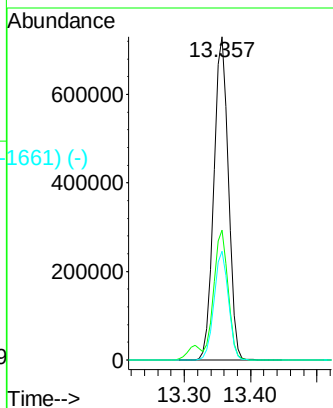
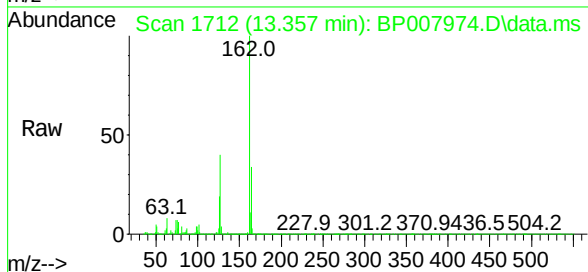




2-Chloronaphthalene
 Concen: 41.72 ng
 RT: 13.357 min Scan# 1712
 Delta R.T. 0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

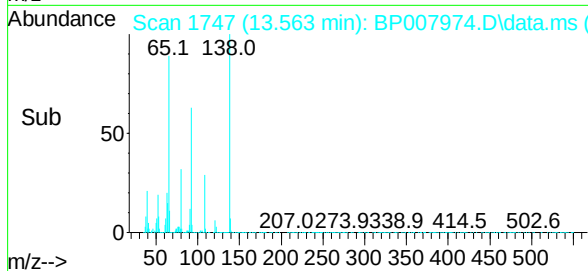
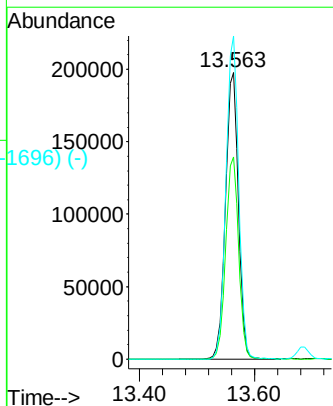
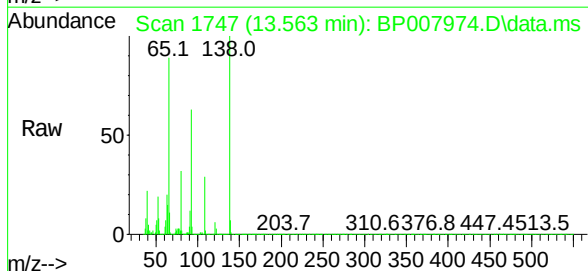
Instrument :
 BNA_P
 ClientSampleId :
 PB140662BS

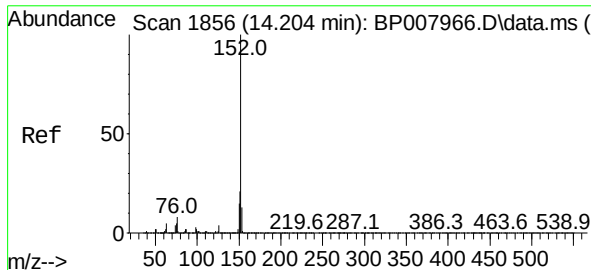
Tgt Ion:	162	Resp:	1102855
Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.0	46.6
164	33.6	26.4	39.6



2-Nitroaniline
 Concen: 41.26 ng
 RT: 13.563 min Scan# 1747
 Delta R.T. 0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

Tgt Ion:	65	Resp:	309568
Ion	Ratio	Lower	Upper
65	100		
92	70.6	55.9	83.9
138	112.7	86.3	129.5





Acenaphthylene

Concen: 40.15 ng

RT: 14.204 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS

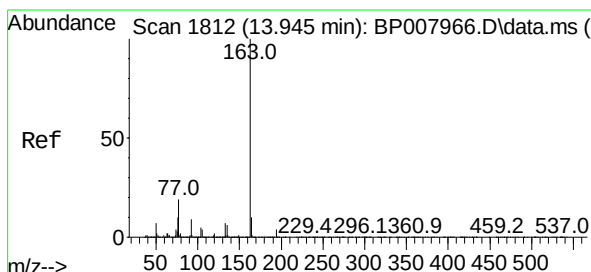
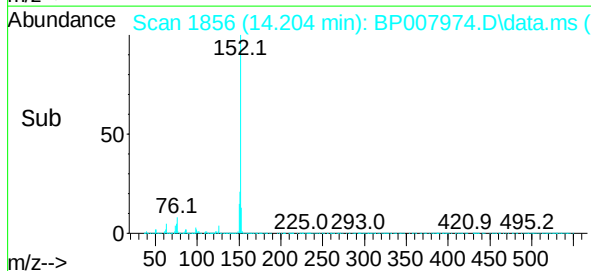
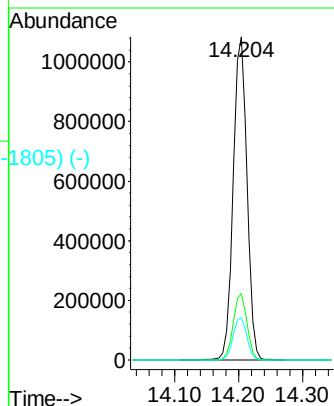
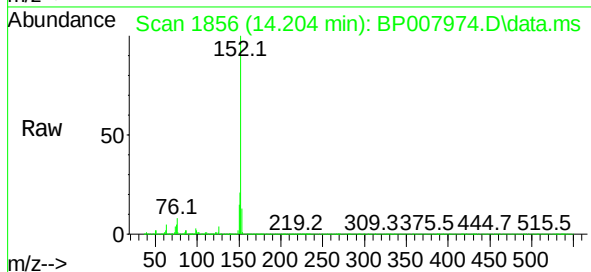
Tgt Ion:152 Resp: 1614426

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.6

153 13.0 10.2 15.2



Dimethylphthalate

Concen: 38.09 ng

RT: 13.945 min Scan# 1812

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

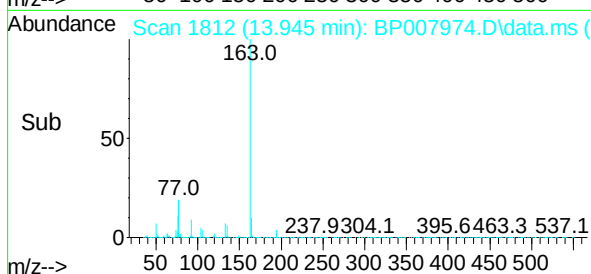
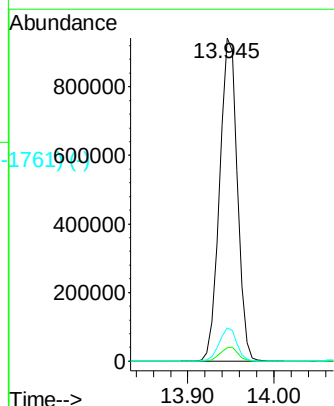
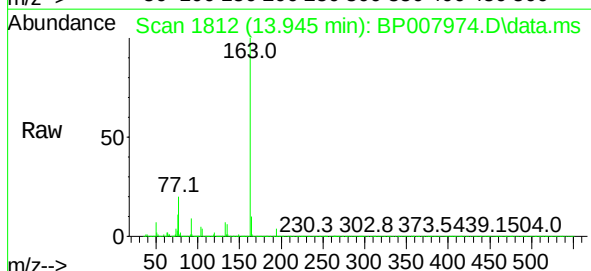
Tgt Ion:163 Resp: 1363492

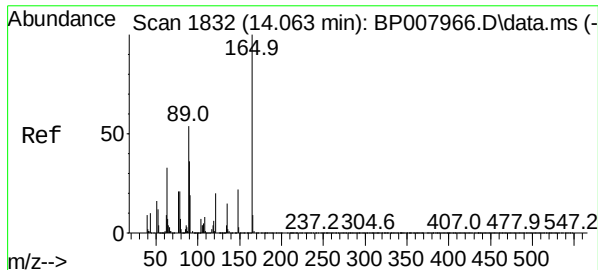
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 8.2 12.2

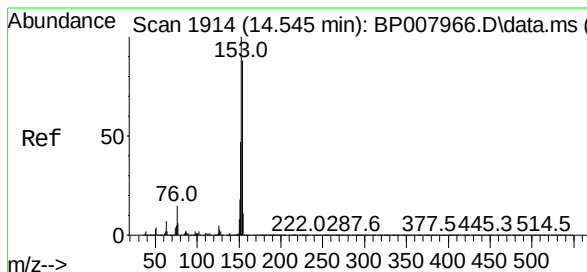
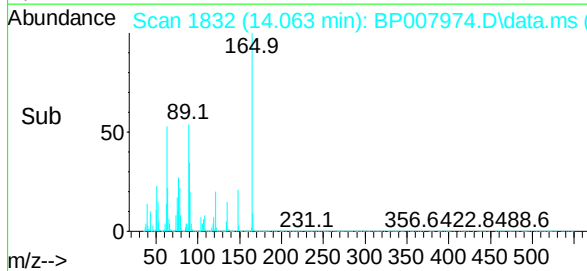
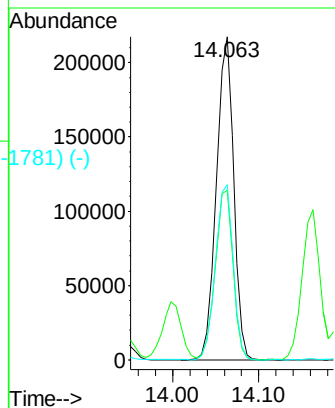
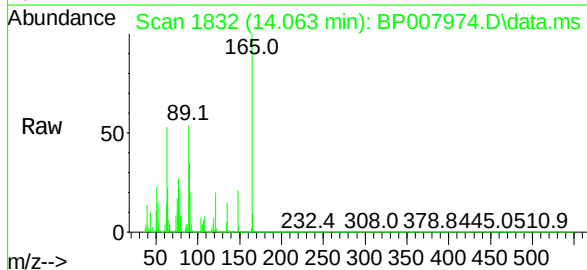




2,6-Dinitrotoluene
Concen: 40.91 ng
RT: 14.063 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

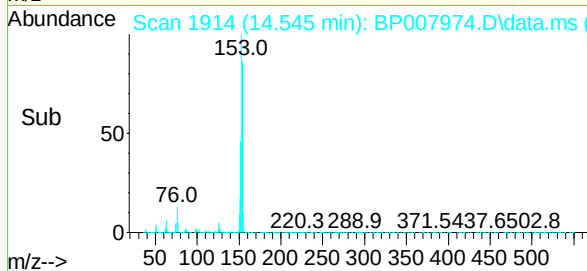
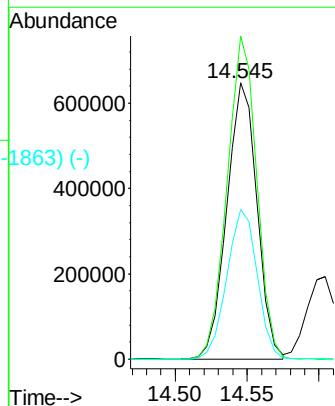
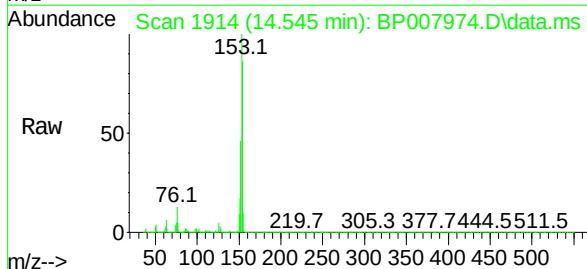
Instrument :
BNA_P
ClientSampleId :
PB140662BS

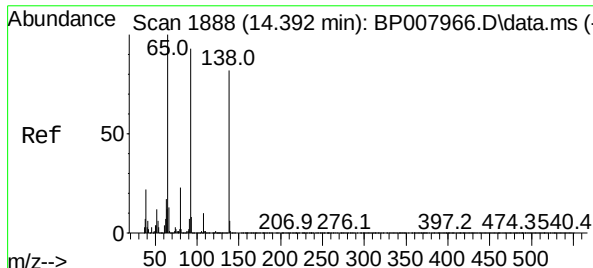
Tgt Ion:	165	Resp:	304178
Ion	Ratio	Lower	Upper
165	100		
63	52.5	44.2	66.2
89	54.3	46.6	70.0



Acenaphthene
Concen: 39.27 ng
RT: 14.545 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

Tgt Ion:	154	Resp:	945205
Ion	Ratio	Lower	Upper
154	100		
153	116.8	90.4	135.6
152	54.2	42.3	63.5

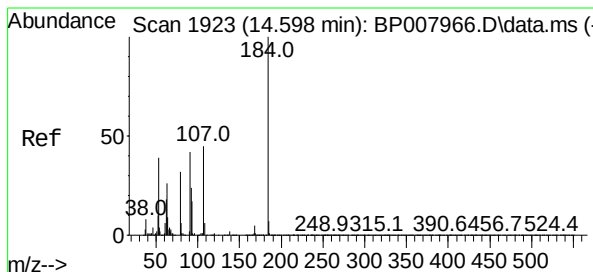
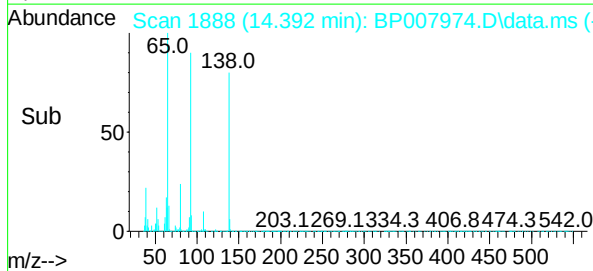
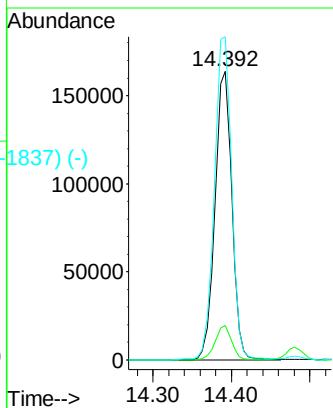
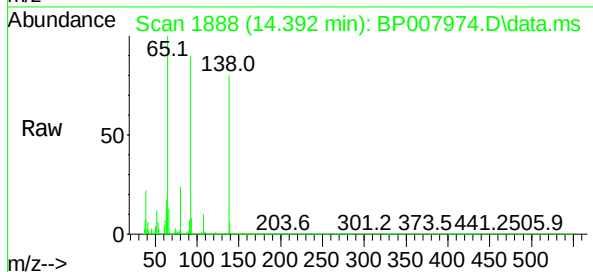




Scan 1888 (14.392 min): BP007966.D\data.ms (-1875) (-)
 3-Nitroaniline
 Concen: 32.29 ng
 RT: 14.392 min Scan# 1888
 Delta R.T. 0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

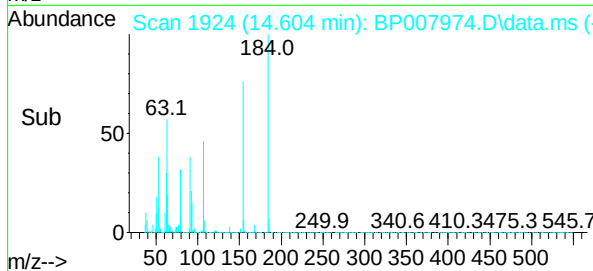
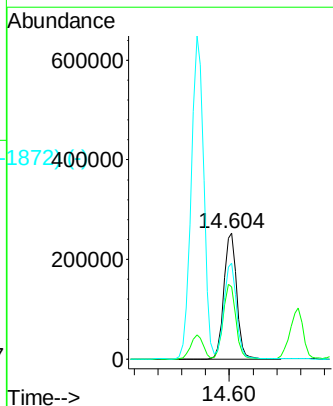
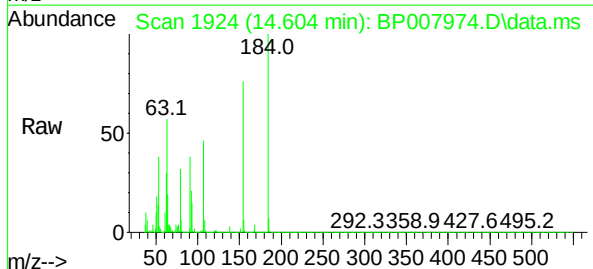
Instrument :
 BNA_P
 ClientSampleId :
 PB140662BS

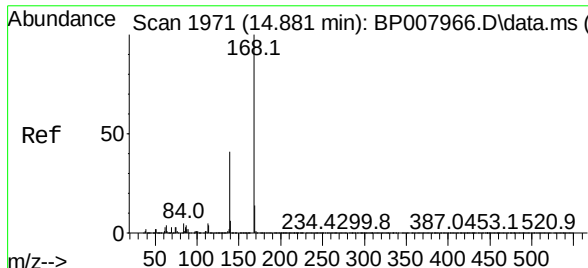
Tgt Ion:	138	Resp:	244801
Ion	Ratio	Lower	Upper
138	100		
108	12.0	12.3	18.5#
92	112.0	94.9	142.3



Scan 1923 (14.598 min): BP007966.D\data.ms (-1958) (-)
 2,4-Dinitrophenol
 Concen: 83.90 ng
 RT: 14.604 min Scan# 1924
 Delta R.T. 0.006 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

Tgt Ion:	184	Resp:	376535
Ion	Ratio	Lower	Upper
184	100		
63	57.3	44.0	66.0
154	76.2	48.9	73.3#

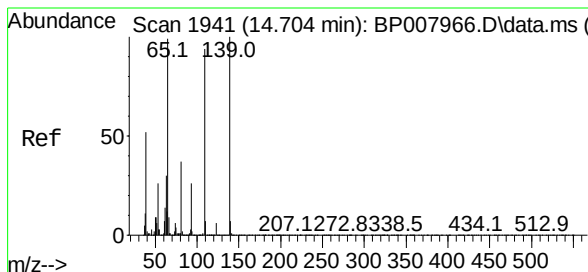
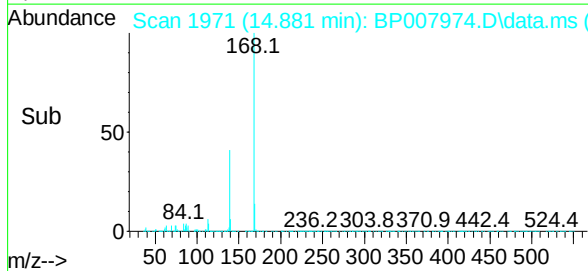
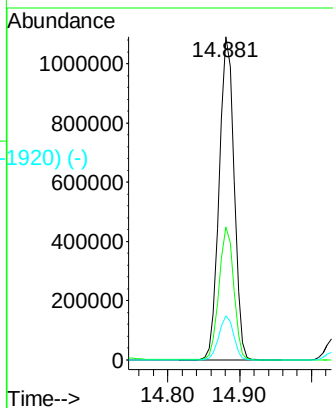
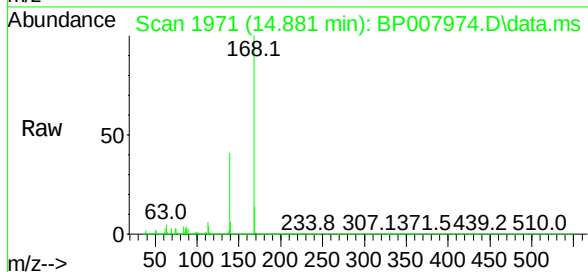




Dibenzo(furan)
 Concen: 38.41 ng
 RT: 14.881 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

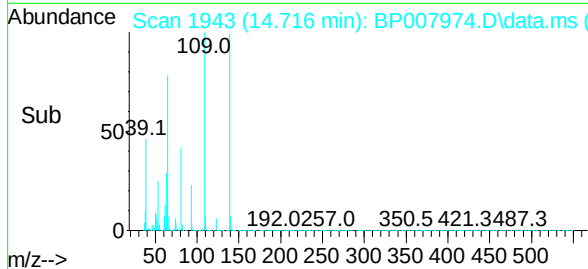
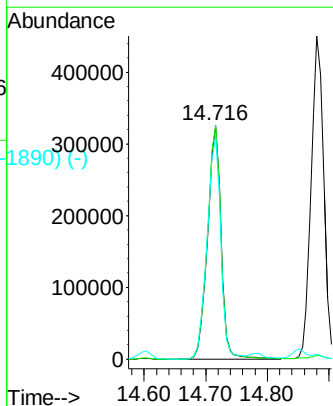
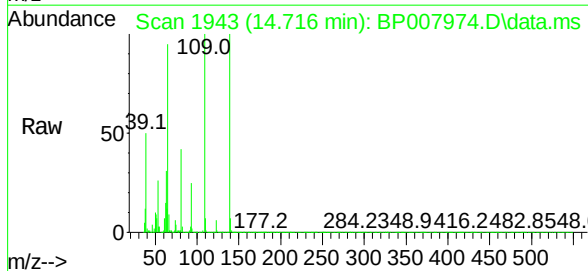
Instrument :
 BNA_P
 ClientSampleId :
 PB140662BS

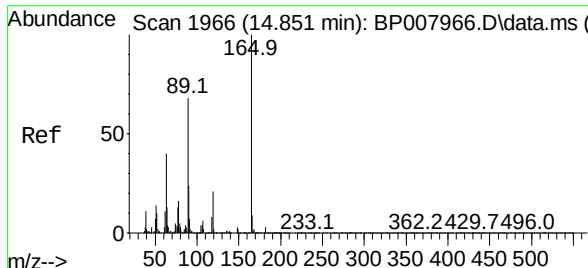
Tgt Ion:	168	Resp:	1572304
Ion	Ratio	Lower	Upper
168	100		
139	41.3	30.8	46.2
169	13.6	11.0	16.6



4-Nitrophenol
 Concen: 80.35 ng
 RT: 14.716 min Scan# 1943
 Delta R.T. 0.012 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

Tgt Ion:	139	Resp:	496475
Ion	Ratio	Lower	Upper
139	100		
109	100.0	60.9	100.9
65	95.4	76.5	116.5

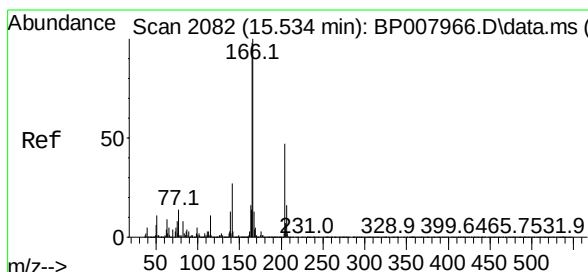
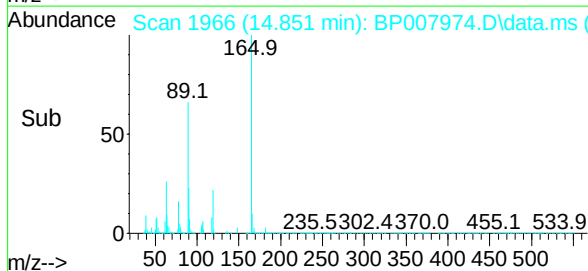
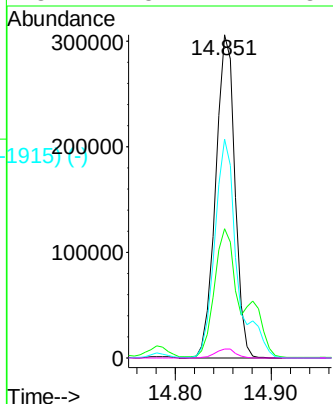
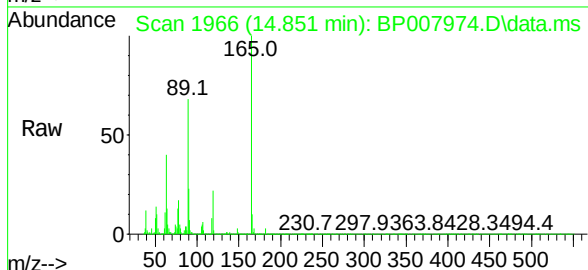




2,4-Dinitrotoluene
Concen: 43.00 ng
RT: 14.851 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

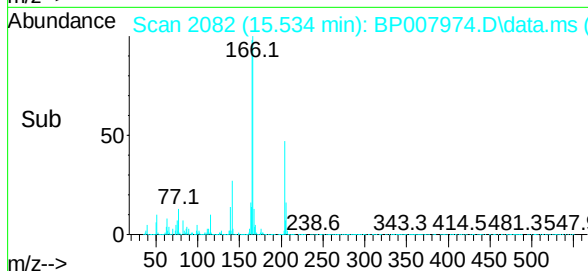
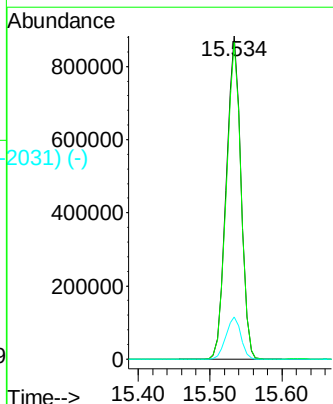
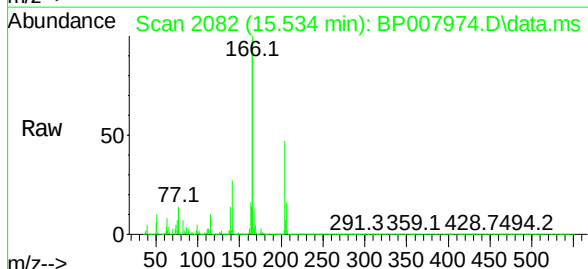
Instrument :
BNA_P
ClientSampleId :
PB140662BS

Tgt Ion:	165	Resp:	425623
Ion	Ratio	Lower	Upper
165	100		
63	40.1	37.4	56.0
89	67.7	61.8	92.6
182	2.8	2.1	3.1



Fluorene
Concen: 38.26 ng
RT: 15.534 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

Tgt Ion:	166	Resp:	1246108
Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.9	118.3
167	13.1	10.9	16.3



Abundance Scan 2010 (15.110 min): BP007966.D\data.ms (-2059) (-)

2,3,4,6-Tetrachlorophenol

Concen: 39.92 ng

RT: 15.028 min Scan# 1959

Delta R.T. -0.082 min

Lab File: BP007974.D

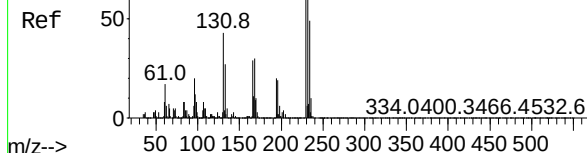
Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS



Tgt Ion:232 Resp: 406974

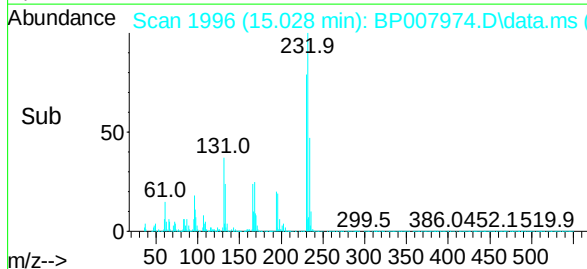
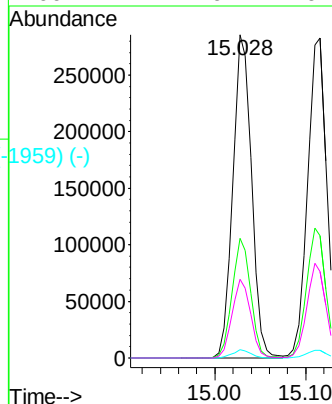
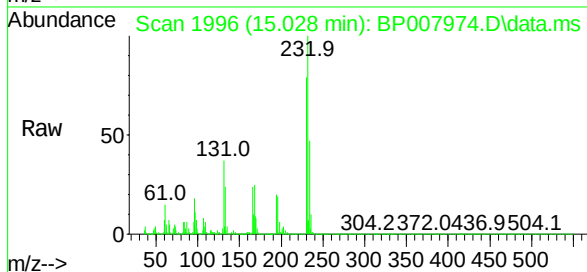
Ion Ratio Lower Upper

232 100

131 36.7 30.3 45.5

130 2.4 1.8 2.8

166 24.2 19.4 29.0



Abundance Scan 2044 (15.310 min): BP007966.D\data.ms (-2059) (-)

Diethylphthalate

Concen: 39.13 ng

RT: 15.316 min Scan# 2045

Delta R.T. 0.006 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

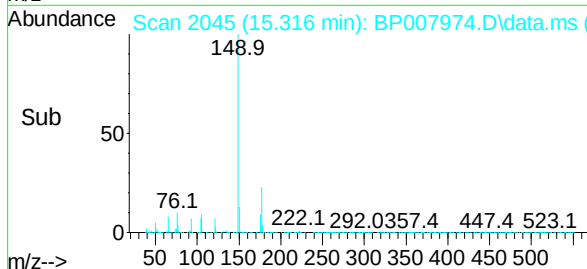
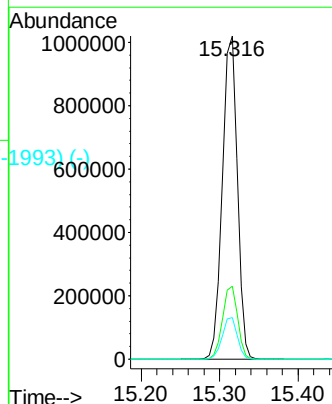
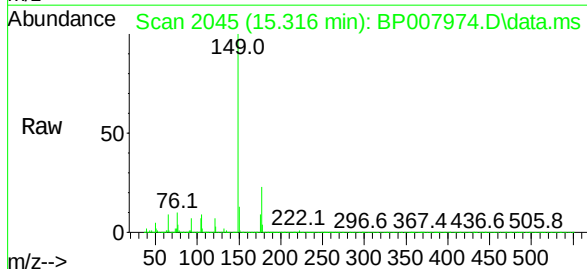
Tgt Ion:149 Resp: 1349885

Ion Ratio Lower Upper

149 100

177 22.7 17.8 26.8

150 12.8 10.2 15.2



Abundance Scan 2081 (15.528 min): BP007966.D\data.ms (-2081) (-)

4-Chlorophenyl-phenylether

Concen: 38.98 ng

RT: 15.528 min Scan# 2081

Delta R.T. 0.000 min

Lab File: BP007974.D

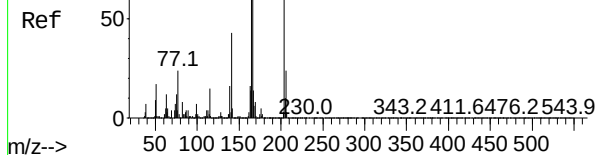
Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS



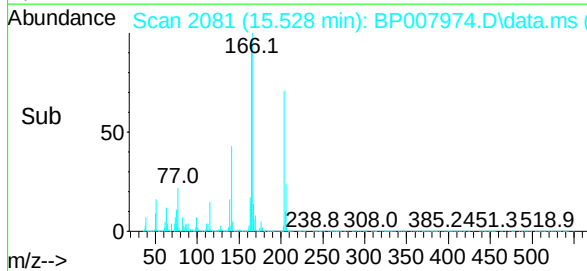
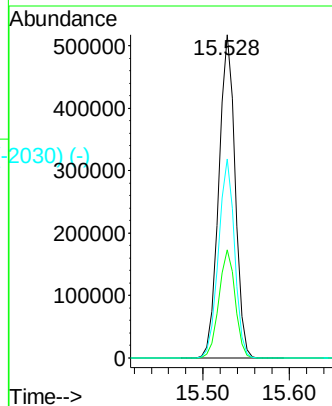
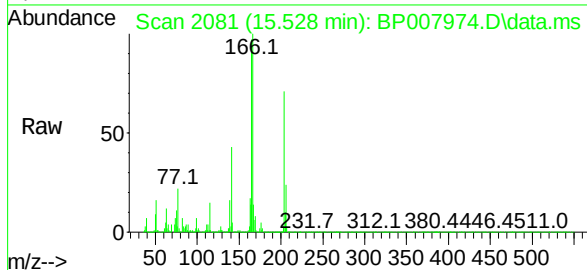
Tgt Ion: 204 Resp: 686499

Ion Ratio Lower Upper

204 100

206 33.4 25.8 38.8

141 61.5 48.8 73.2



Abundance Scan 2086 (15.557 min): BP007966.D\data.ms (-2086) (-)

4-Nitroaniline

Concen: 38.13 ng

RT: 15.557 min Scan# 2086

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

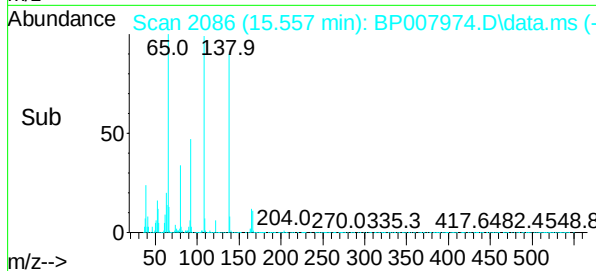
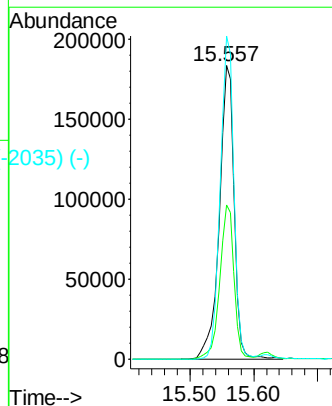
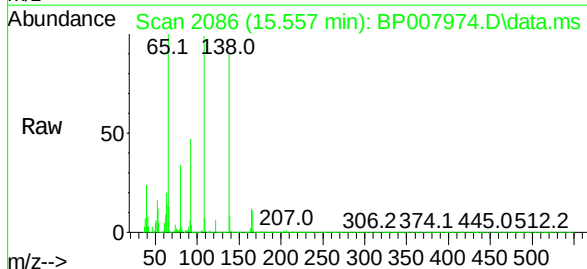
Tgt Ion: 138 Resp: 297119

Ion Ratio Lower Upper

138 100

92 52.6 30.7 70.7

108 110.0 71.2 111.2



Abundance Scan 2131 (15.822 min): BP007966.D\data.ms (-2156) (-)

Azobenzene

Concen: 38.39 ng

RT: 15.822 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BP007974.D

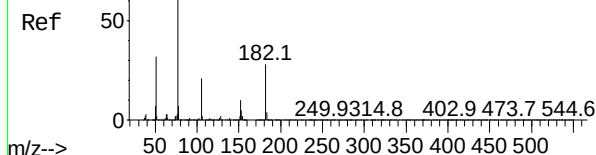
Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS



Tgt Ion: 77 Resp: 1115049

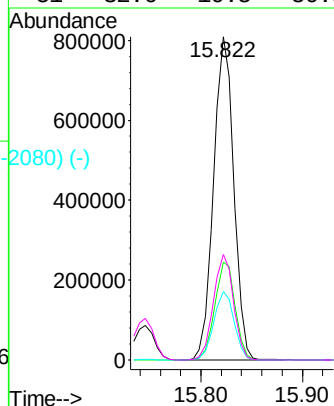
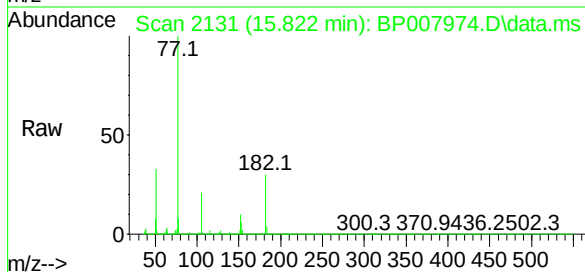
Ion Ratio Lower Upper

77 100

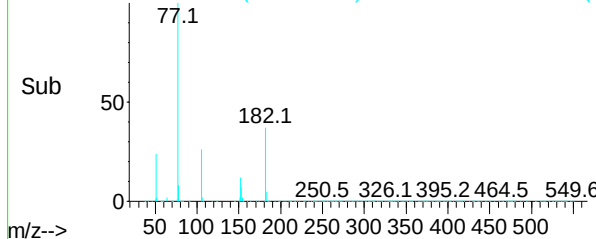
182 30.2 6.5 46.5

105 21.2 1.3 41.3

51 32.6 10.5 50.5



Abundance Scan 2131 (15.822 min): BP007974.D\data.ms (-2080) (-)



Abundance Scan 2372 (17.239 min): BP007966.D\data.ms (-2361) (-)

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.239 min Scan# 2372

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

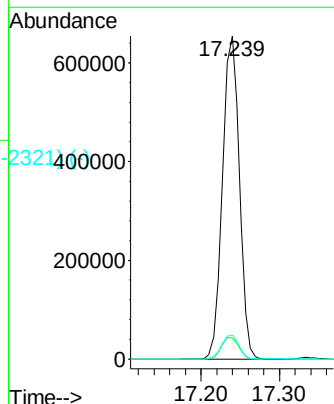
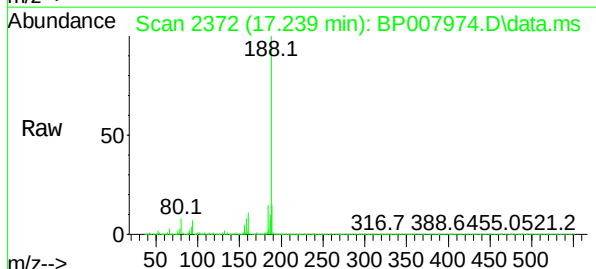
Tgt Ion: 188 Resp: 973867

Ion Ratio Lower Upper

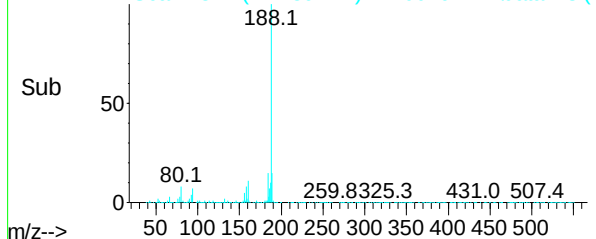
188 100

94 6.6 7.1 10.7#

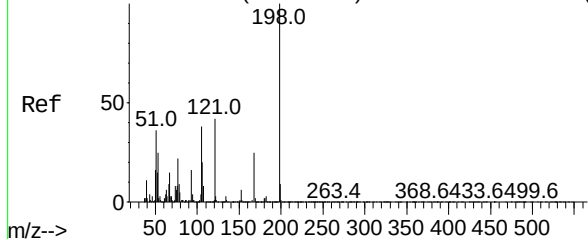
80 7.5 7.8 11.6#



Abundance Scan 2372 (17.239 min): BP007974.D\data.ms (-2321) (-)



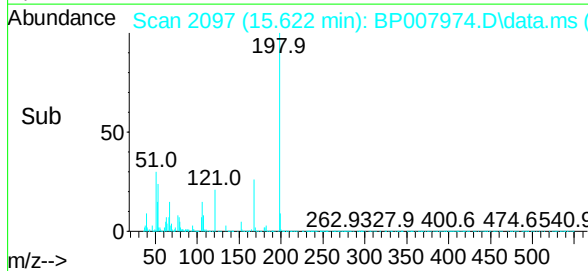
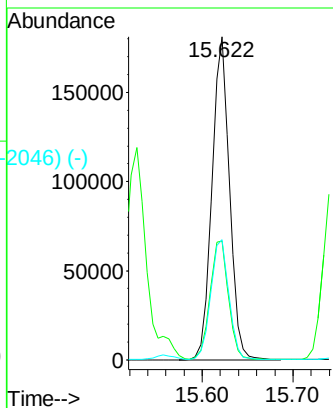
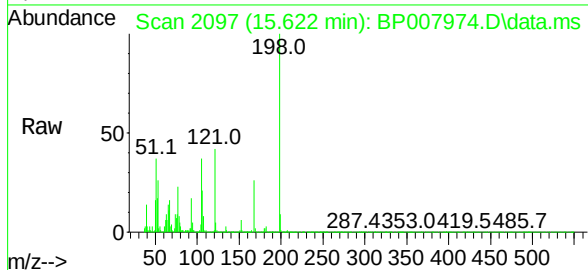
Abundance Scan 2097 (15.622 min): BP007966.D\data.ms (-2046) (-)



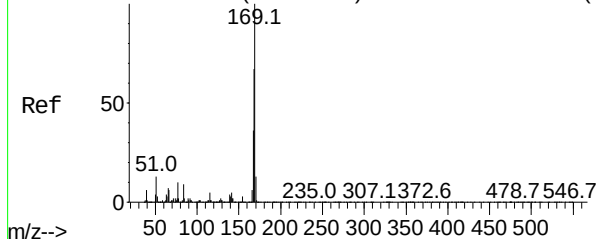
4,6-Dinitro-2-methylphenol
Concen: 38.07 ng
RT: 15.622 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

Instrument :
BNA_P
ClientSampleId :
PB140662BS

Tgt Ion:	198	Resp:	242983
Ion	Ratio	Lower	Upper
198	100		
51	36.9	23.8	63.8
105	37.1	24.6	64.6

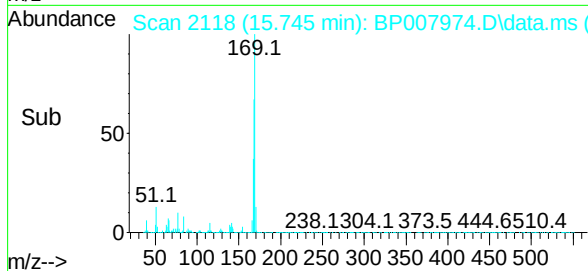
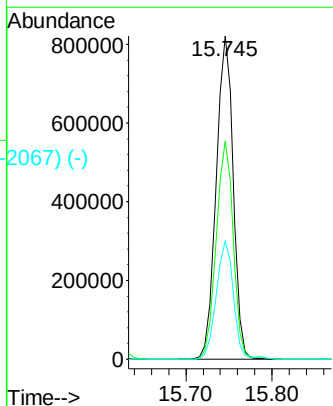
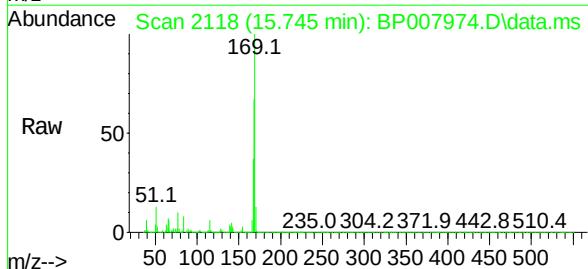


Abundance Scan 2118 (15.745 min): BP007966.D\data.ms (-2106) (-)



n-Nitrosodiphenylamine
Concen: 40.63 ng
RT: 15.745 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

Tgt Ion:	169	Resp:	1132527
Ion	Ratio	Lower	Upper
169	100		
168	67.5	52.7	79.1
167	36.6	29.0	43.6



Abundance Scan 2234 (16.428 min): BP007966.D\data.ms (-2234) (-)

4-Bromophenyl-phenylether

Concen: 40.99 ng

RT: 16.428 min Scan# 2234

Delta R.T. 0.000 min

Lab File: BP007974.D

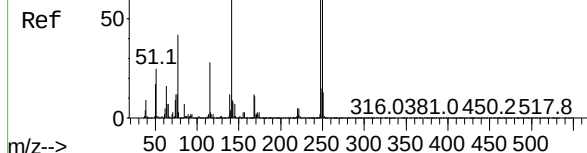
Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS



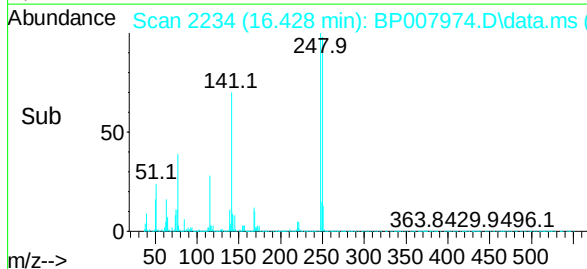
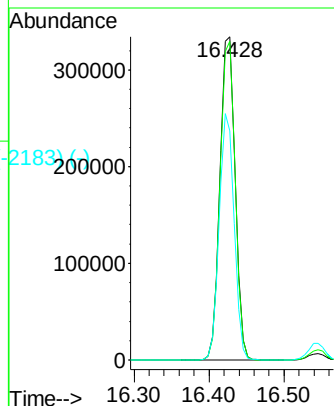
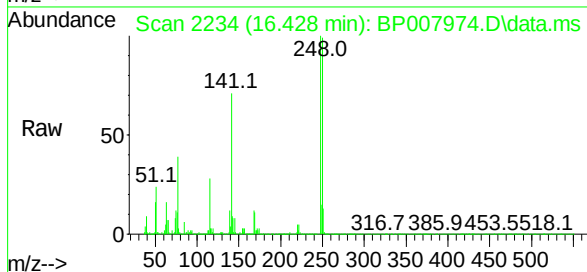
Tgt Ion:248 Resp: 466853

Ion Ratio Lower Upper

248 100

250 98.5 78.2 117.2

141 71.0 60.8 91.2



Abundance Scan 2254 (16.545 min): BP007966.D\data.ms (-2254) (-)

Hexachlorobenzene

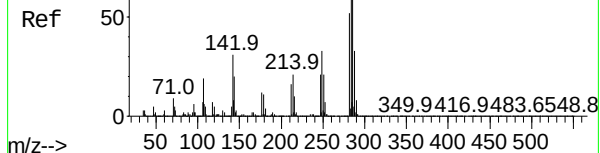
Concen: 42.89 ng

RT: 16.545 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03



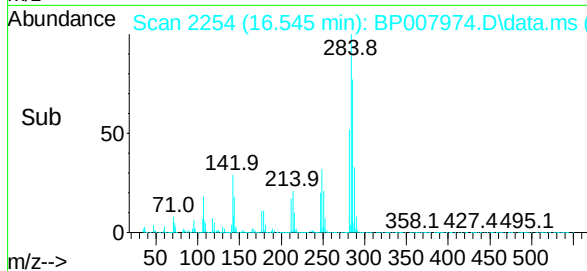
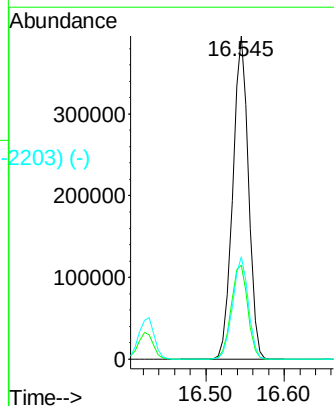
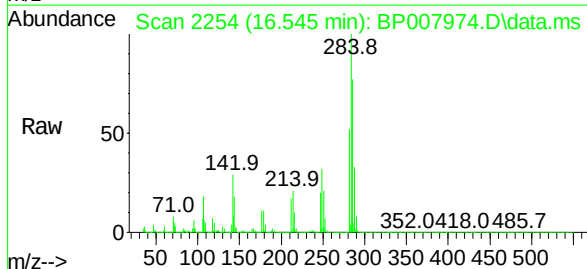
Tgt Ion:284 Resp: 550210

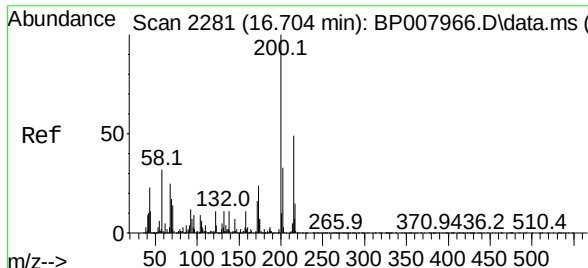
Ion Ratio Lower Upper

284 100

142 29.2 30.6 46.0#

249 31.6 26.6 40.0

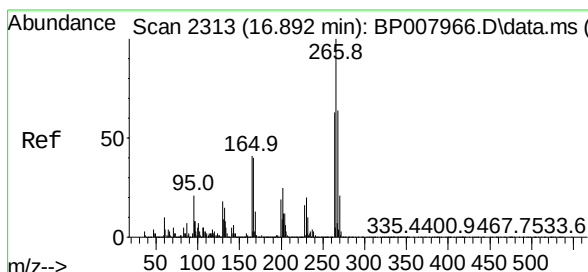
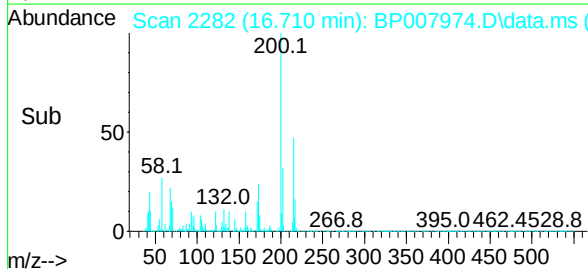
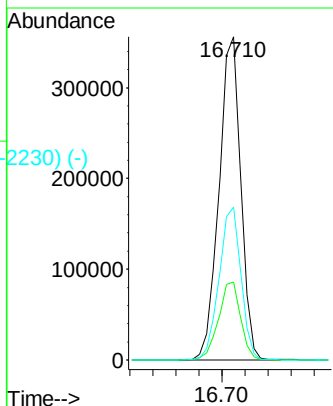
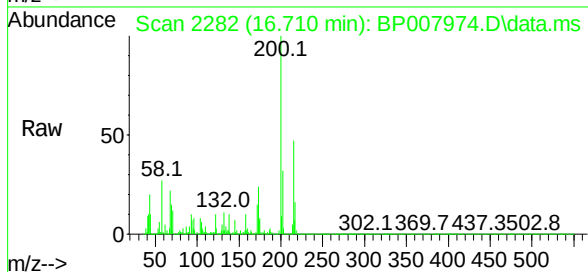




Scan 2281 (16.704 min): BP007966.D\data.ms (-2281) (-)
 Atrazine
 Concen: 64.64 ng
 RT: 16.710 min Scan# 2282
 Delta R.T. 0.006 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

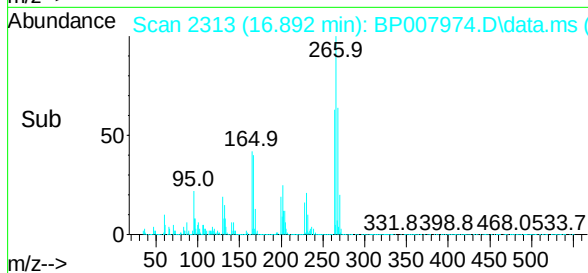
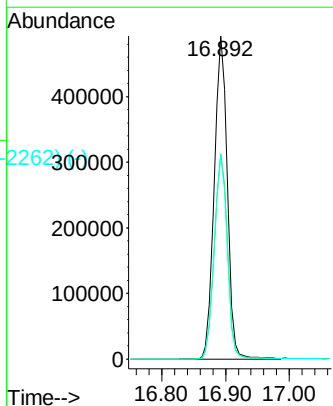
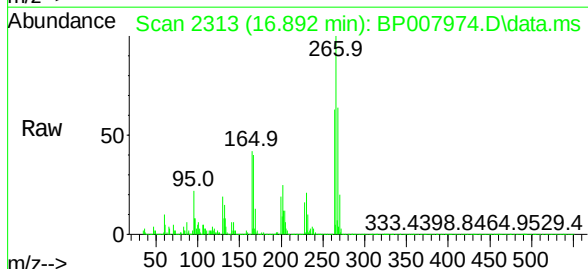
Instrument :
 BNA_P
 ClientSampleId :
 PB140662BS

Tgt Ion:	200	Resp:	469750
Ion	Ratio	Lower	Upper
200	100		
173	24.1	6.2	46.2
215	47.3	28.2	68.2

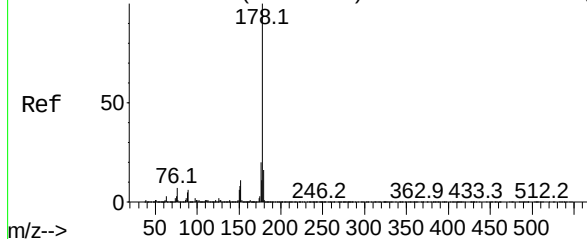


Scan 2313 (16.892 min): BP007966.D\data.ms (-2313) (-)
 Pentachlorophenol
 Concen: 88.86 ng
 RT: 16.892 min Scan# 2313
 Delta R.T. 0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

Tgt Ion:	266	Resp:	695119
Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.3	73.9
264	63.3	48.7	73.1



Abundance Scan 2379 (17.280 min): BP007966.D\data.ms (-2379) (-)



Phenanthrene

Concen: 39.70 ng

RT: 17.281 min Scan# 2379

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS

Tgt Ion:178 Resp: 2059516

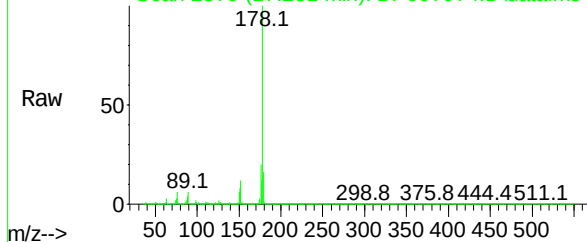
Ion Ratio Lower Upper

178 100

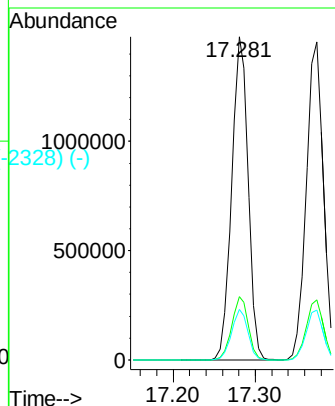
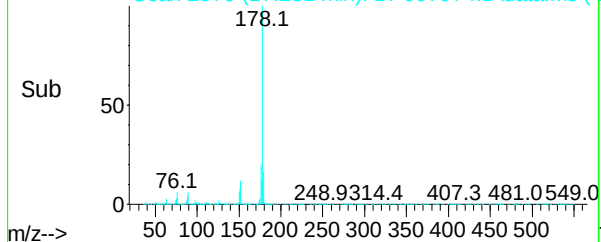
176 19.6 15.4 23.0

179 15.7 12.3 18.5

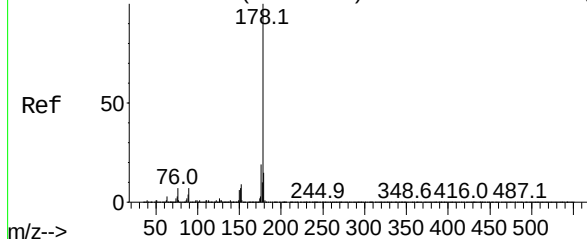
Abundance Scan 2379 (17.281 min): BP007974.D\data.ms



Abundance Scan 2379 (17.281 min): BP007974.D\data.ms (-2328) (-)



Abundance Scan 2395 (17.375 min): BP007966.D\data.ms (-2395) (-)



Anthracene

Concen: 41.24 ng

RT: 17.375 min Scan# 2395

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Tgt Ion:178 Resp: 2097655

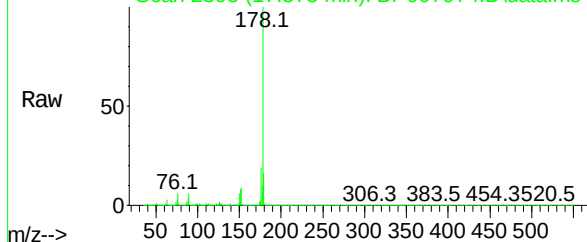
Ion Ratio Lower Upper

178 100

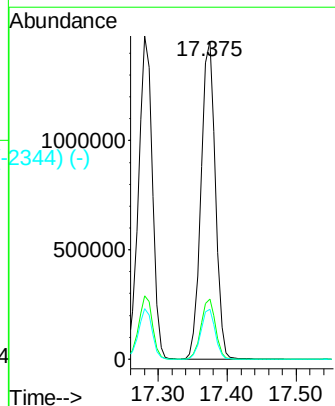
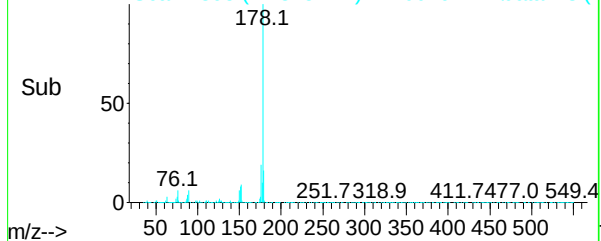
176 18.9 15.0 22.6

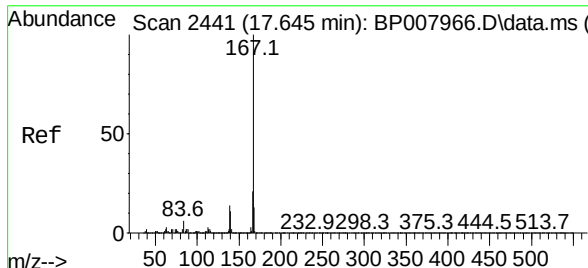
179 15.8 12.2 18.4

Abundance Scan 2395 (17.375 min): BP007974.D\data.ms



Abundance Scan 2395 (17.375 min): BP007974.D\data.ms (-2344) (-)

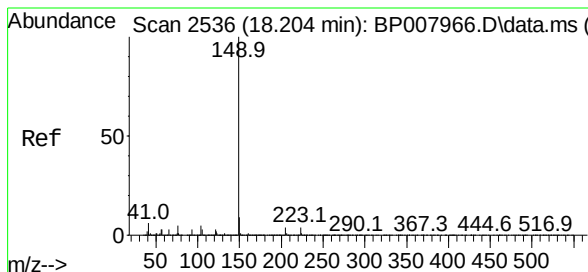
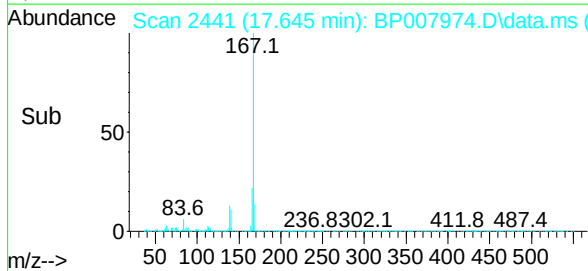
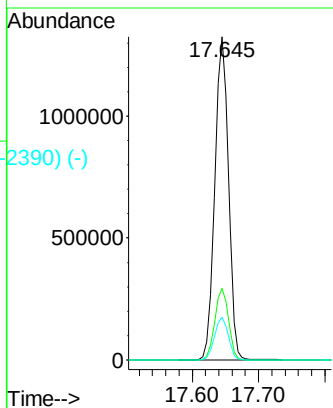
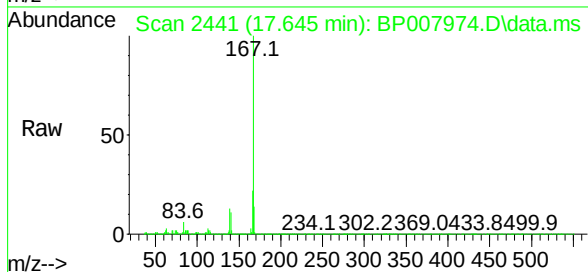




Carbazole
 Concen: 37.48 ng
 RT: 17.645 min Scan# 2441
 Delta R.T. 0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

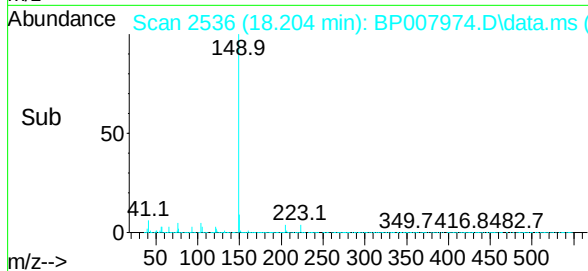
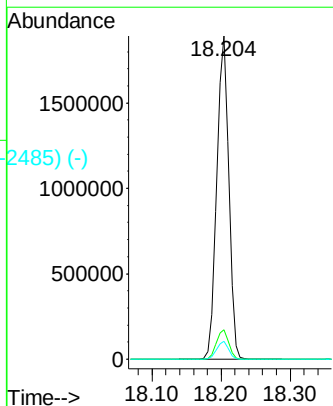
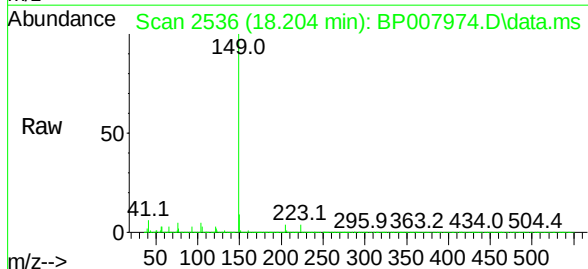
Instrument :
 BNA_P
 ClientSampleId :
 PB140662BS

Tgt Ion:	167	Resp:	1877466
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.3	25.9
139	13.3	10.4	15.6

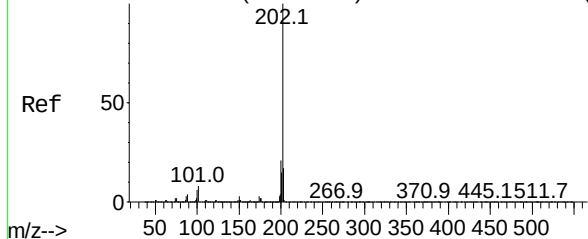


Di-n-butylphthalate
 Concen: 40.39 ng
 RT: 18.204 min Scan# 2536
 Delta R.T. 0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

Tgt Ion:	149	Resp:	2289386
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.6	11.4
104	5.5	4.2	6.4



Abundance Scan 2714 (19.251 min): BP007966.D\data.ms (-2714) (-)



Fluoranthene

Concen: 39.81 ng

RT: 19.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS

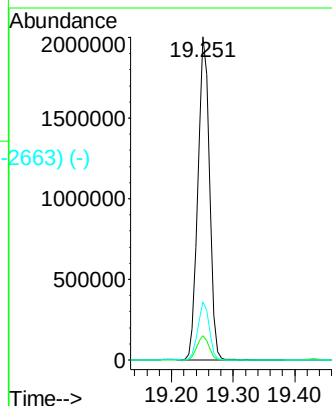
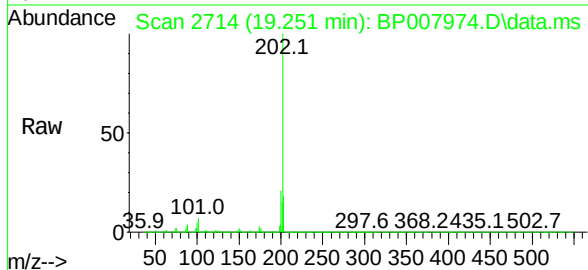
Tgt Ion:202 Resp: 2615459

Ion Ratio Lower Upper

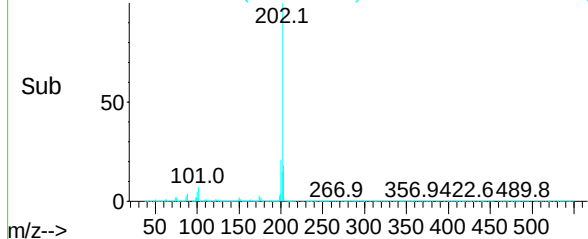
202 100

101 7.4 0.0 30.4

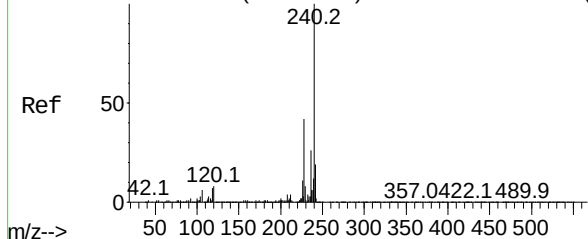
203 18.1 0.0 37.6



Abundance Scan 2714 (19.251 min): BP007974.D\data.ms (-2663) (-)



Abundance Scan 3068 (21.333 min): BP007966.D\data.ms (-3068) (-)



Chrysene-d12

Concen: 20.00 ng

RT: 21.333 min Scan# 3068

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

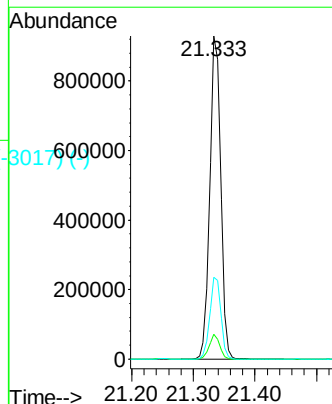
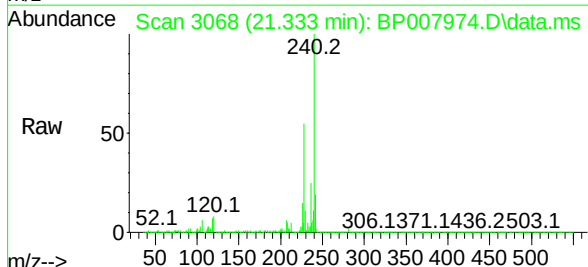
Tgt Ion:240 Resp: 1144320

Ion Ratio Lower Upper

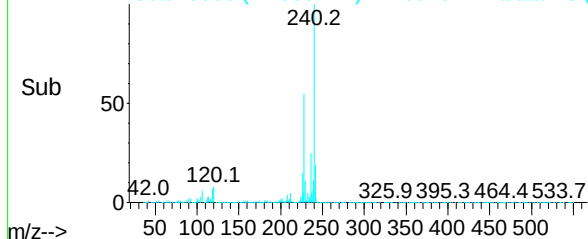
240 100

120 7.7 7.8 11.8#

236 25.4 20.6 30.8



Abundance Scan 3068 (21.333 min): BP007974.D\data.ms (-3017) (-)



Abundance Scan 2744 (19.427 min): BP007966.D\data.ms (-2737) (-)

Benzidine

Concen: 75.74 ng

RT: 19.433 min Scan# 2744

Delta R.T. 0.006 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS

Tgt Ion:184 Resp: 1329767

Ion Ratio Lower Upper

184 100

185 14.0 11.2 16.8

183 12.5 9.1 13.7

Abundance Scan 2745 (19.433 min): BP007974.D\data.ms

Ref 50

184.1

92.0 249.8 374.1 442.9 508.8

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance Scan 2745 (19.433 min): BP007974.D\data.ms

Raw 50

92.1 296.1 361.9 429.2 495.6

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance Scan 2745 (19.433 min): BP007974.D\data.ms (-2693) (-)

Sub 50

184.1

92.0 252.0 346.2 414.9 481.6 548.9

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance

19.433

800000

600000

400000

200000

0

Time--> 19.40 19.60

Abundance Scan 2774 (19.604 min): BP007966.D\data.ms (-2723) (-)

Pyrene

Concen: 39.54 ng

RT: 19.604 min Scan# 2774

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Tgt Ion:202 Resp: 2705799

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.8 13.8 20.6

Abundance Scan 2774 (19.604 min): BP007974.D\data.ms

Ref 50

202.1

101.0 269.5 362.6 444.6 517.2

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance Scan 2774 (19.604 min): BP007974.D\data.ms

Raw 50

101.0 305.0 377.1 443.1 509.4

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance Scan 2774 (19.604 min): BP007974.D\data.ms (-2723) (-)

Sub 50

202.1

101.0 269.9 361.3 427.5 501.4

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance

19.604

2000000

1500000

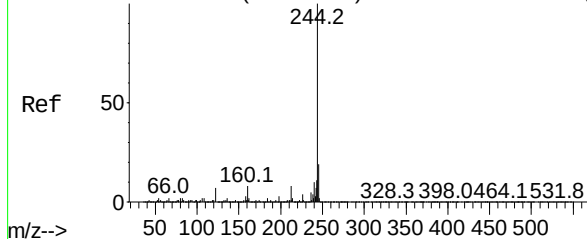
1000000

500000

0

Time--> 19.50 19.60 19.70

Abundance Scan 2808 (19.804 min): BP007966.D\data.ms (-2757) (-)



Terphenyl-d14

Concen: 73.08 ng

RT: 19.804 min Scan# 2808

Delta R.T. -0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS

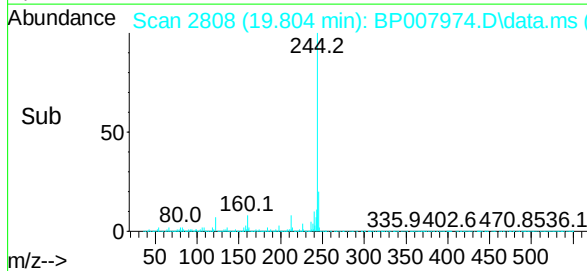
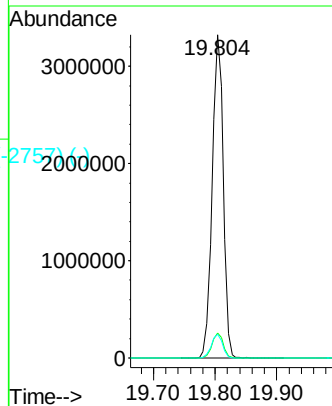
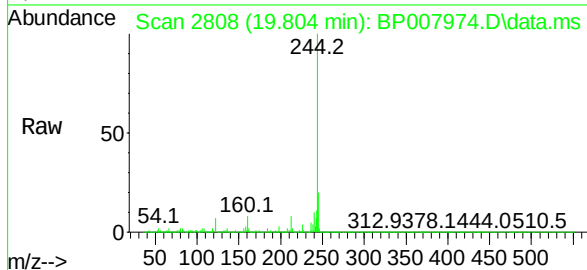
Tgt Ion:244 Resp: 4124083

Ion Ratio Lower Upper

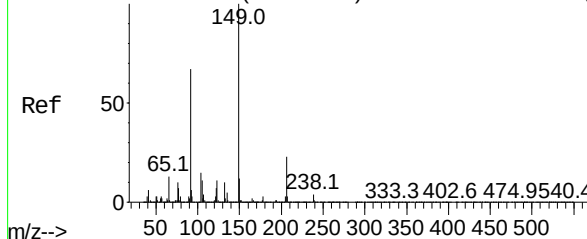
244 100

212 7.7 6.2 9.2

122 7.2 7.8 11.8#



Abundance Scan 2923 (20.480 min): BP007966.D\data.ms (-2757) (-)



Butylbenzylphthalate

Concen: 40.02 ng

RT: 20.480 min Scan# 2923

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

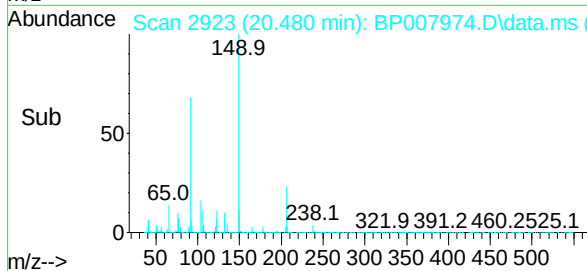
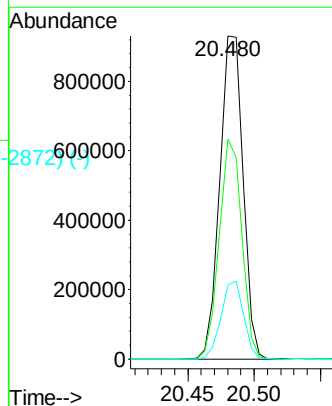
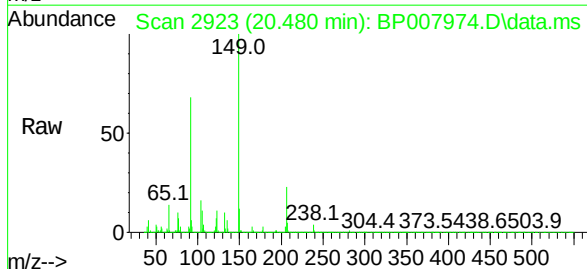
Tgt Ion:149 Resp: 1130903

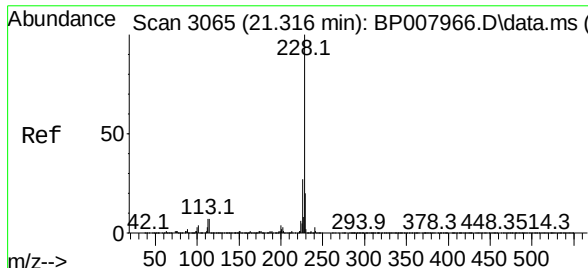
Ion Ratio Lower Upper

149 100

91 68.0 56.6 85.0

206 23.0 17.4 26.2



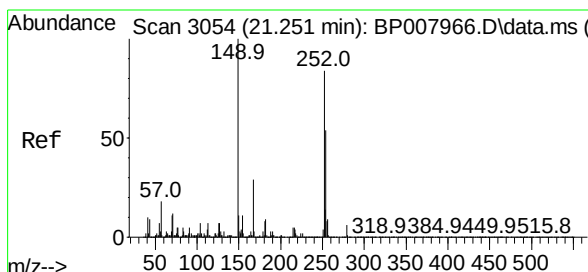
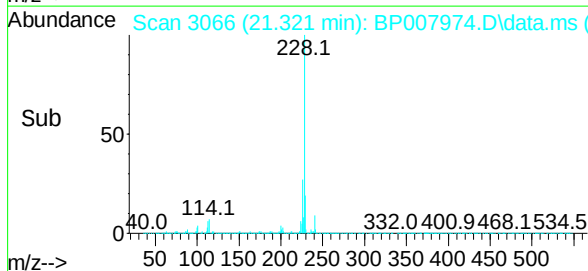
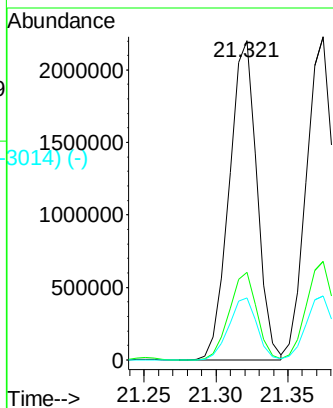
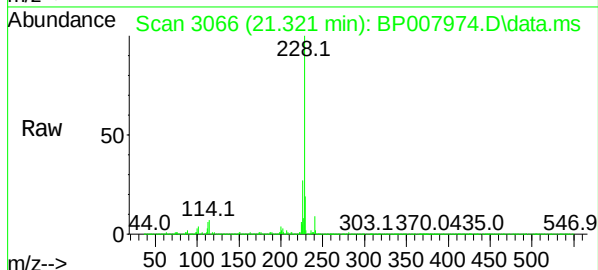


Scan 3065 (21.316 min): BP007966.D\data.ms (-3058) (-)
 Benzo(a)anthracene
 Concen: 39.27 ng
 RT: 21.321 min Scan# 3065
 Delta R.T. 0.006 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

Instrument :
 BNA_P
 ClientSampleId :
 PB140662BS

Tgt Ion:228 Resp: 2958360

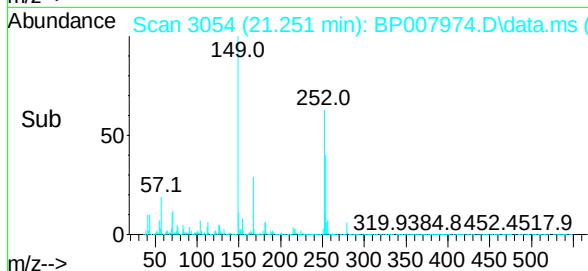
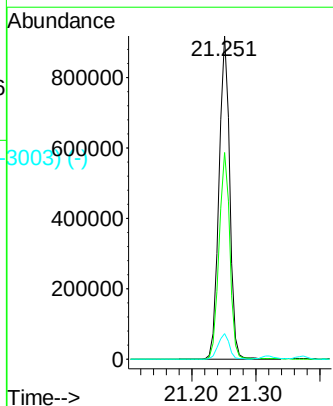
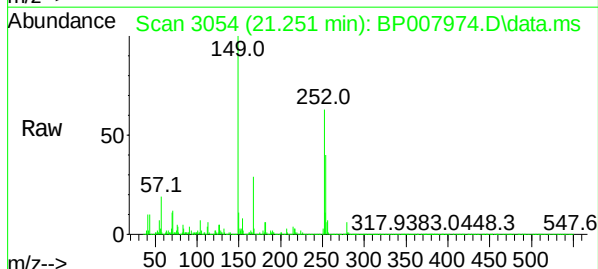
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	19.5	15.7	23.5

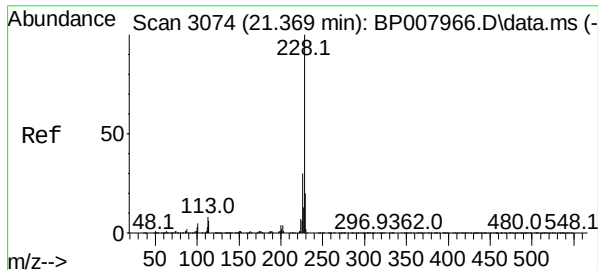


Scan 3054 (21.251 min): BP007966.D\data.ms (-3058) (-)
 3,3'-Dichlorobenzidine
 Concen: 30.84 ng
 RT: 21.251 min Scan# 3054
 Delta R.T. 0.000 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

Tgt Ion:252 Resp: 1072242

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.5	77.3
126	8.0	8.5	12.7#

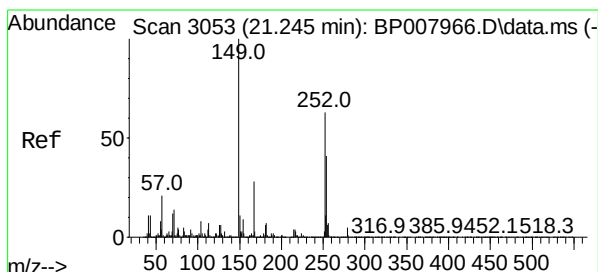
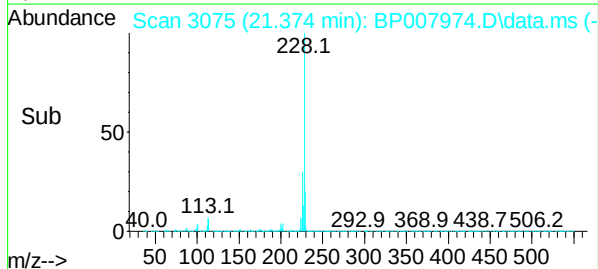
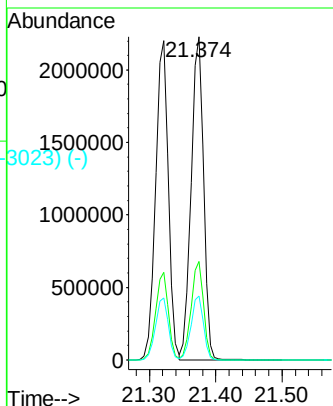
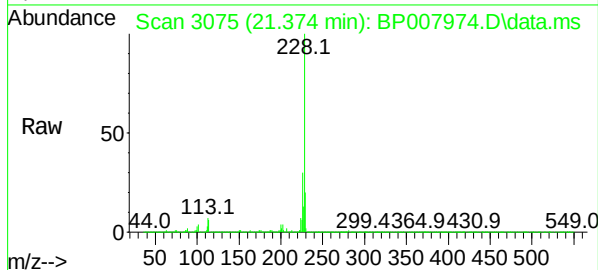




Chrysene
Concen: 40.13 ng
RT: 21.374 min Scan# 3074
Delta R.T. 0.006 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

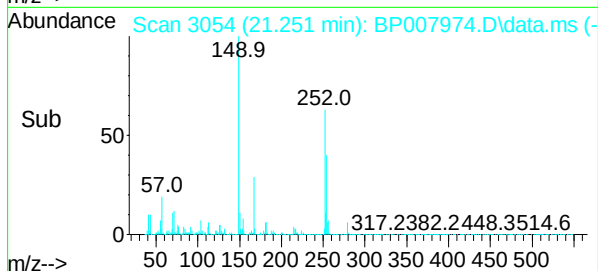
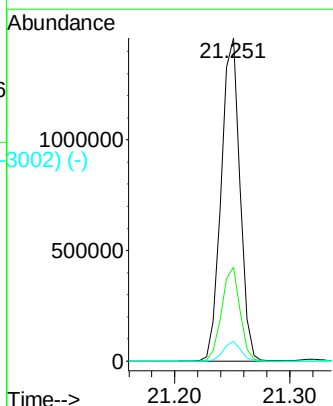
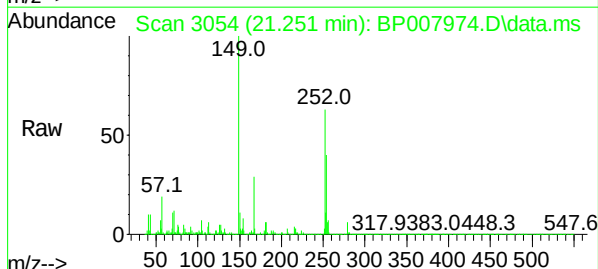
Instrument :
BNA_P
ClientSampleId :
PB140662BS

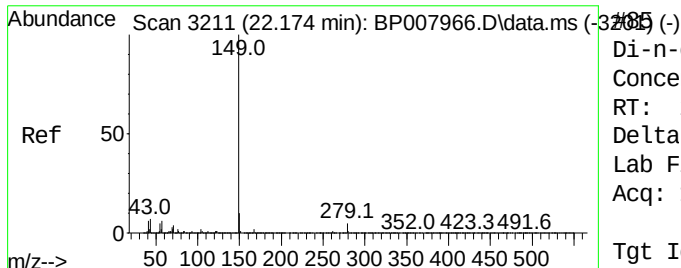
Tgt Ion:228 Resp: 2897769
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.8 15.7 23.5



Bis(2-ethylhexyl)phthalate
Concen: 41.02 ng
RT: 21.251 min Scan# 3054
Delta R.T. 0.006 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

Tgt Ion:149 Resp: 1654649
Ion Ratio Lower Upper
149 100
167 29.1 21.6 32.4
279 6.2 3.3 4.9#





Di-n-octyl phthalate

Concen: 42.57 ng

RT: 22.174 min Scan# 3211

Delta R.T. 0.000 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

Instrument :

BNA_P

ClientSampleId :

PB140662BS

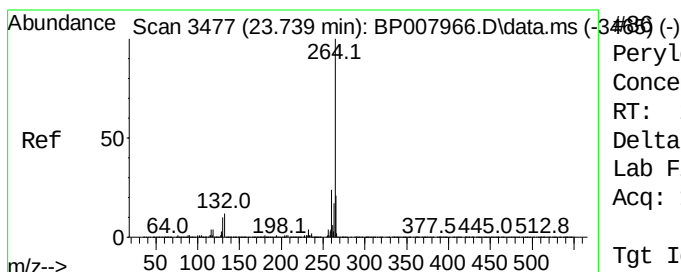
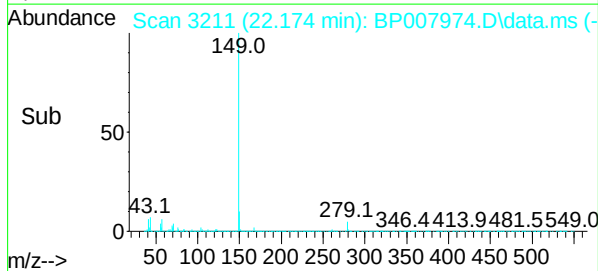
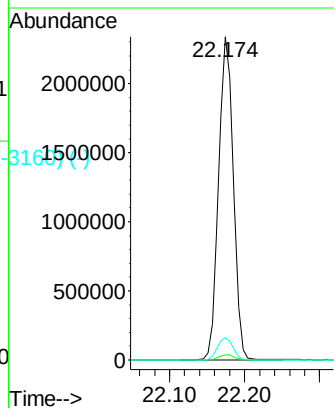
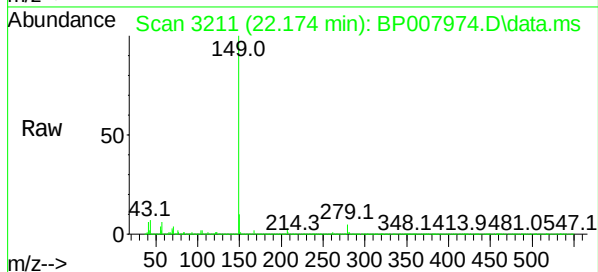
Tgt Ion:149 Resp: 3165266

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.2 7.3 10.9#



Perylene-d12

Concen: 20.00 ng

RT: 23.745 min Scan# 3478

Delta R.T. 0.006 min

Lab File: BP007974.D

Acq: 13 Nov 2021 19:03

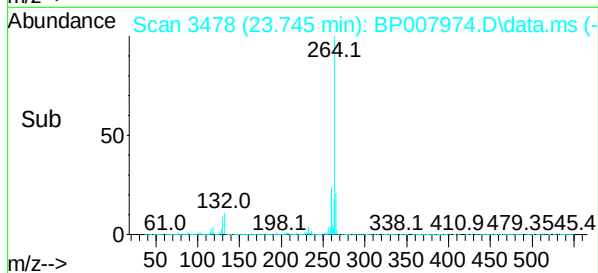
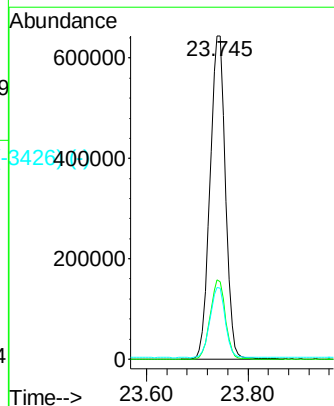
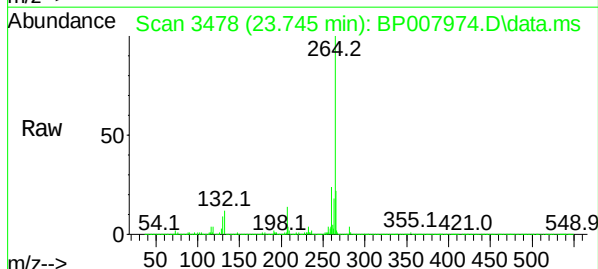
Tgt Ion:264 Resp: 1352584

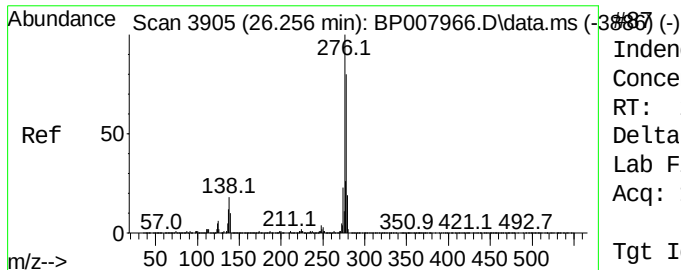
Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.9 16.7 25.1

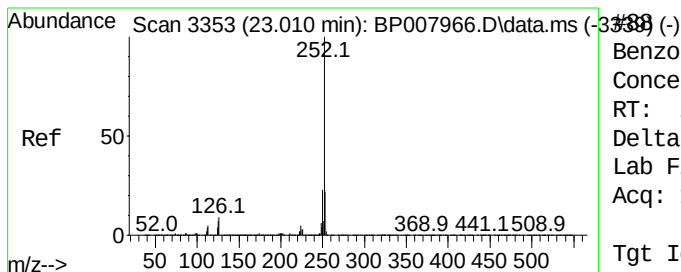
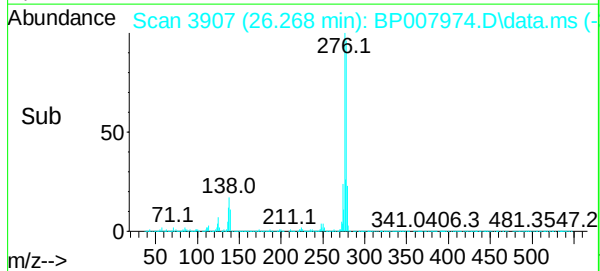
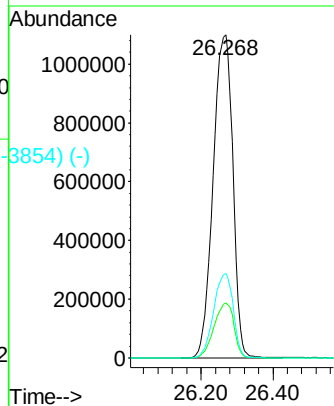
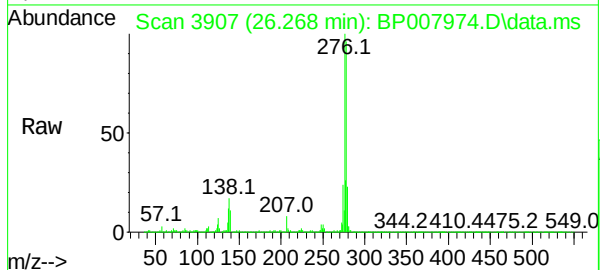




Indeno(1,2,3-cd)pyrene
Concen: 42.89 ng
RT: 26.268 min Scan# 3905
Delta R.T. 0.012 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

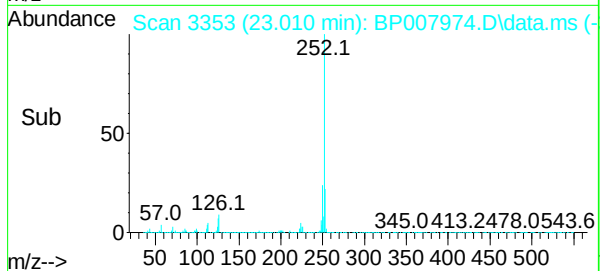
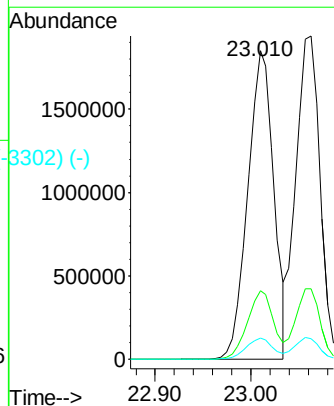
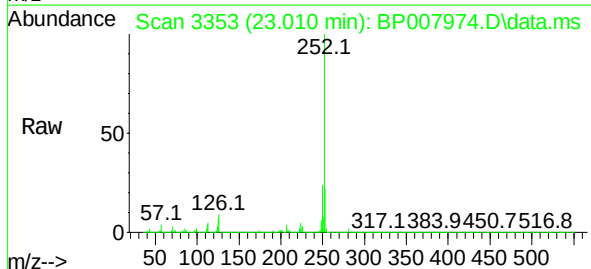
Instrument :
BNA_P
ClientSampleId :
PB140662BS

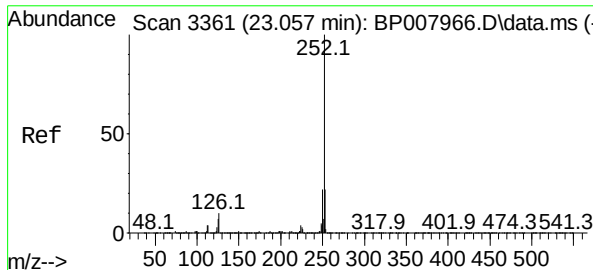
Tgt Ion:276 Resp: 4188944
Ion Ratio Lower Upper
276 100
138 17.1 19.4 29.0#
277 25.9 20.2 30.2



Benzo(b)fluoranthene
Concen: 43.27 ng
RT: 23.010 min Scan# 3353
Delta R.T. 0.000 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

Tgt Ion:252 Resp: 3483784
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 6.7 7.4 11.0#

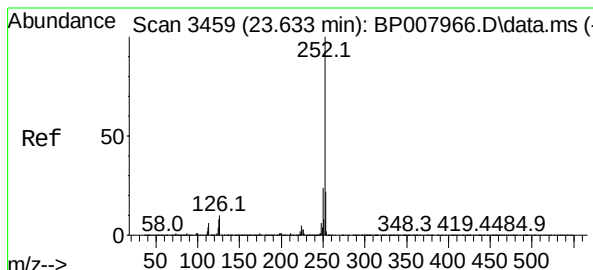
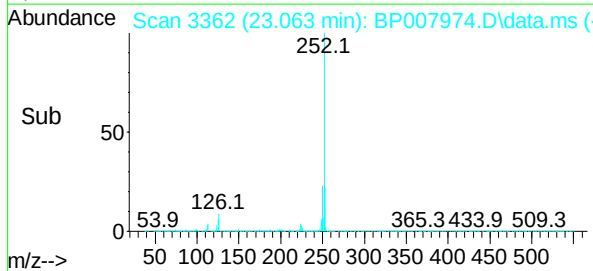
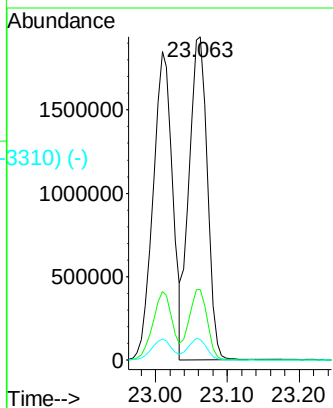
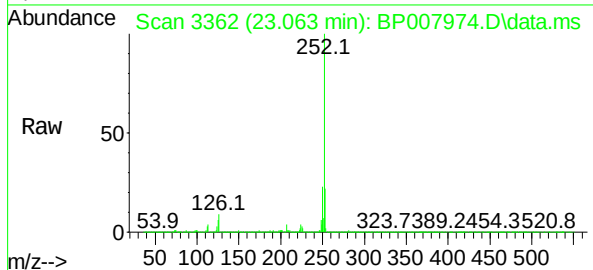




Benzo(k)fluoranthene
Concen: 42.18 ng
RT: 23.063 min Scan# 3361
Delta R.T. 0.006 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

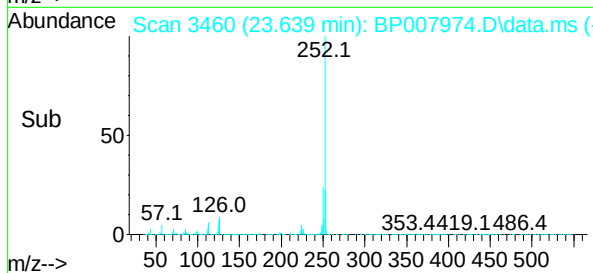
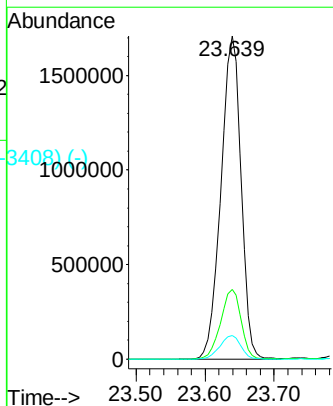
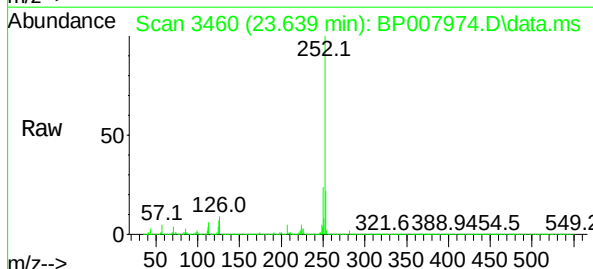
Instrument :
BNA_P
ClientSampleId :
PB140662BS

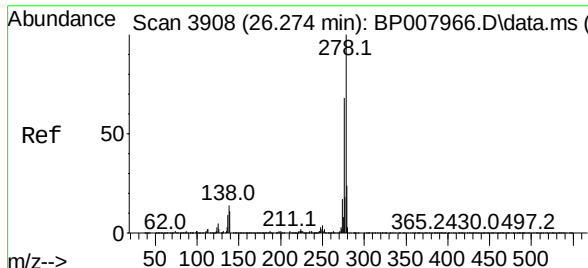
Tgt Ion:252 Resp: 3392881
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 6.4 7.4 11.0#



Benzo(a)pyrene
Concen: 50.16 ng
RT: 23.639 min Scan# 3460
Delta R.T. 0.006 min
Lab File: BP007974.D
Acq: 13 Nov 2021 19:03

Tgt Ion:252 Resp: 3453836
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 7.4 8.4 12.6#

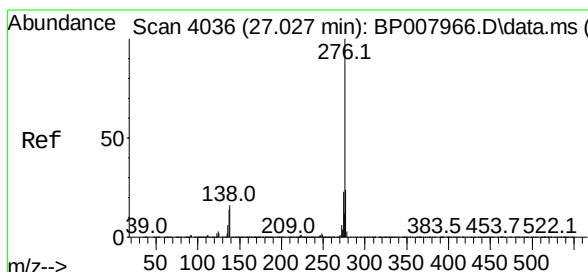
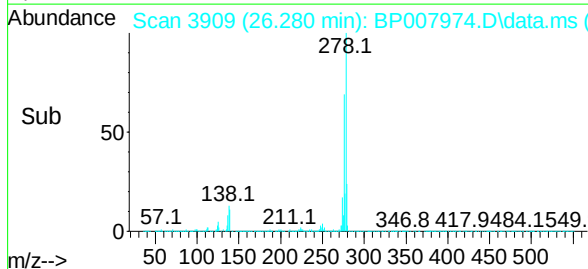
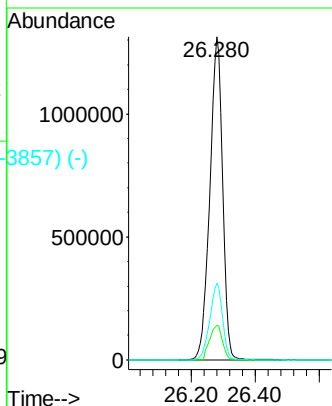
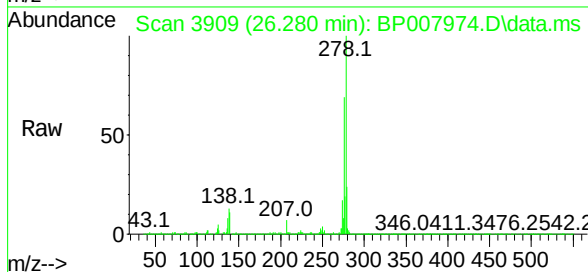




Dibenzo(a,h)anthracene
 Concen: 44.31 ng
 RT: 26.280 min Scan# 4093
 Delta R.T. 0.006 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

Instrument :
 BNA_P
 ClientSampleId :
 PB140662BS

Tgt Ion:	278	Resp:	3589438
Ion	Ratio	Lower	Upper
278	100		
139	10.8	11.8	17.6#
279	23.8	18.6	27.8



Benzo(g,h,i)perylene
 Concen: 44.26 ng
 RT: 27.033 min Scan# 4037
 Delta R.T. 0.006 min
 Lab File: BP007974.D
 Acq: 13 Nov 2021 19:03

Tgt Ion:	276	Resp:	3534699
Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	15.3	16.2	24.4#

