

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019864.D
 Acq On : 24 Feb 2024 16:25
 Operator : MA/JU
 Sample : P1564-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-10MSD

Quant Time: Feb 26 00:12:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	95721	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	349779	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	239151	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	512042	20.000	ng	0.00
76) Chrysene-d12	21.415	240	471919	20.000	ng	#-0.01
86) Perylene-d12	23.845	264	559278	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	430381	72.475	ng	0.00
7) Phenol-d6	7.081	99	705910	88.161	ng	0.00
23) Nitrobenzene-d5	9.075	82	387653	48.023	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	318336	91.167	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	926993	47.918	ng	0.00
79) Terphenyl-d14	19.874	244	1627812	56.726	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	76052	33.241	ng	99
3) Pyridine	3.781	79	198852	32.058	ng	97
4) n-Nitrosodimethylamine	3.705	42	105647	39.121	ng	97
6) Aniline	7.234	93	284342	36.547	ng	98
8) 2-Chlorophenol	7.469	128	270724	44.405	ng	97
9) Benzaldehyde	7.057	77	47570	8.474	ng	98
10) Phenol	7.104	94	403924	50.614	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	290587	46.803	ng	99
12) 1,3-Dichlorobenzene	7.787	146	299629	40.164	ng	98
13) 1,4-Dichlorobenzene	7.940	146	302233	39.988	ng	98
14) 1,2-Dichlorobenzene	8.251	146	290314	39.700	ng	98
15) Benzyl Alcohol	8.151	79	263975	41.261	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	245285	39.507	ng	100
17) 2-Methylphenol	8.357	107	211964	39.452	ng	98
18) Hexachloroethane	8.969	117	115057	39.274	ng	93
19) n-Nitroso-di-n-propyla...	8.722	70	209110	38.234	ng	99
20) 3+4-Methylphenols	8.687	107	290936	39.678	ng	98
22) Acetophenone	8.740	105	405200	40.664	ng	# 97
24) Nitrobenzene	9.116	77	312321	38.428	ng	99
25) Isophorone	9.646	82	561450	39.938	ng	99
26) 2-Nitrophenol	9.822	139	144023	46.475	ng	97
27) 2,4-Dimethylphenol	9.887	122	187560	47.333	ng	99
28) bis(2-Chloroethoxy)met...	10.128	93	321461	40.415	ng	99
29) 2,4-Dichlorophenol	10.357	162	266987	44.572	ng	96
30) 1,2,4-Trichlorobenzene	10.563	180	311768	42.449	ng	98
31) Naphthalene	10.757	128	766481	39.955	ng	100
32) Benzoic acid	10.057	122	172295	44.627	ng	97
33) 4-Chloroaniline	10.881	127	94384	13.304	ng	96
34) Hexachlorobutadiene	11.022	225	232330	42.687	ng	98
35) Caprolactam	11.692	113	74977	44.214	ng	97
36) 4-Chloro-3-methylphenol	12.010	107	275898	42.241	ng	99
37) 2-Methylnaphthalene	12.369	142	545049	41.055	ng	96
38) 1-Methylnaphthalene	12.587	142	517708	39.682	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	386600	41.916	ng	99
41) Hexachlorocyclopentadiene	12.692	237	446807	107.236	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	238882	42.773	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019864.D
 Acq On : 24 Feb 2024 16:25
 Operator : MA/JU
 Sample : P1564-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-10MSD

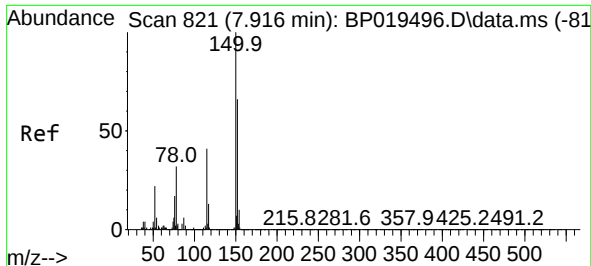
Quant Time: Feb 26 00:12:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	259287	42.280	ng	97
46) 1,1'-Biphenyl	13.381	154	741124	38.828	ng	100
47) 2-Chloronaphthalene	13.422	162	588595	37.565	ng	99
48) 2-Nitroaniline	13.639	65	178310	40.698	ng	98
49) Acenaphthylene	14.269	152	930867	42.346	ng	99
50) Dimethylphthalate	14.016	163	753275	41.145	ng	99
51) 2,6-Dinitrotoluene	14.139	165	168830	41.973	ng	95
52) Acenaphthene	14.610	154	525720	38.533	ng	99
53) 3-Nitroaniline	14.469	138	97908	26.486	ng	91
54) 2,4-Dinitrophenol	14.686	184	210758	100.916	ng	98
55) Dibenzofuran	14.945	168	903013	40.638	ng	99
56) 4-Nitrophenol	14.786	139	249559	82.368	ng	96
57) 2,4-Dinitrotoluene	14.933	165	233562	44.311	ng	96
58) Fluorene	15.598	166	730464	41.272	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	245917	47.674	ng	94
60) Diethylphthalate	15.381	149	753101	41.357	ng	98
61) 4-Chlorophenyl-phenylether	15.592	204	417302	41.950	ng	95
62) 4-Nitroaniline	15.639	138	154031	39.753	ng	99
63) Azobenzene	15.892	77	688761	39.114	ng	97
65) 4,6-Dinitro-2-methylph...	15.692	198	142498	48.806	ng	98
66) n-Nitrosodiphenylamine	15.816	169	632964	41.276	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	278587	43.521	ng	95
68) Hexachlorobenzene	16.598	284	321144	42.962	ng	93
69) Atrazine	16.780	200	255818	50.272	ng	96
70) Pentachlorophenol	16.951	266	417309	89.646	ng	99
71) Phenanthrene	17.351	178	1136778	42.186	ng	99
72) Anthracene	17.439	178	1155105	42.971	ng	99
73) Carbazole	17.722	167	1003676	41.100	ng	99
74) Di-n-butylphthalate	18.274	149	1251346	42.380	ng	99
75) Fluoranthene	19.321	202	1390940	42.254	ng	99
77) Benzidine	19.516	184	514524	52.150	ng	99
78) Pyrene	19.674	202	1423527	42.741	ng	100
80) Butylbenzylphthalate	20.563	149	535624	43.064	ng	98
81) Benzo(a)anthracene	21.398	228	1404159	42.269	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	430264	35.544	ng	98
83) Chrysene	21.451	228	1322899	41.945	ng	100
84) Bis(2-ethylhexyl)phtha...	21.327	149	771352	40.726	ng	100
85) Di-n-octyl phthalate	22.274	149	1309947	39.310	ng	99
87) Indeno(1,2,3-cd)pyrene	26.398	276	1889574	44.138	ng	98
88) Benzo(b)fluoranthene	23.104	252	1442954	40.936	ng	99
89) Benzo(k)fluoranthene	23.151	252	1365178	40.545	ng	99
90) Benzo(a)pyrene	23.739	252	1325421	42.260	ng	98
91) Dibenzo(a,h)anthracene	26.421	278	1557720	44.241	ng	98
92) Benzo(g,h,i)perylene	27.192	276	1478094	41.379	ng	98

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

Quant Time: Feb 26 00:12:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 13:10:49 2024
Response via : Initial Calibration

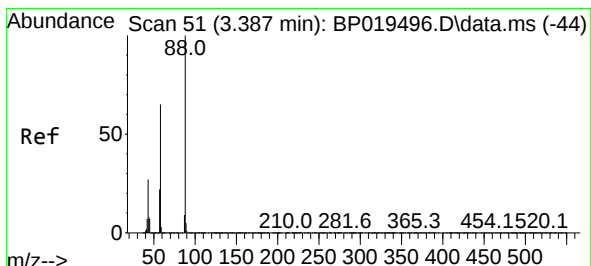
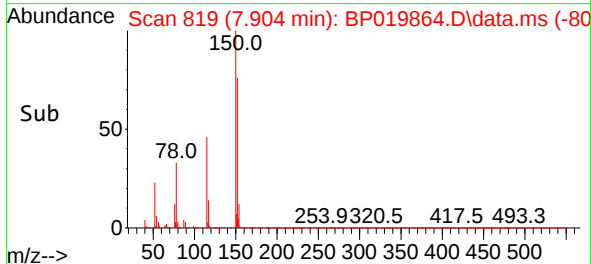
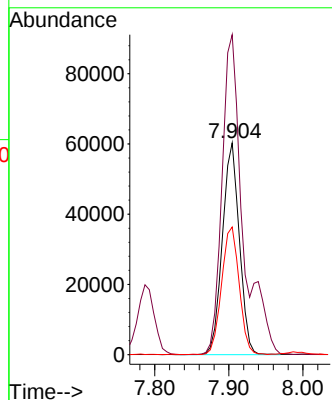
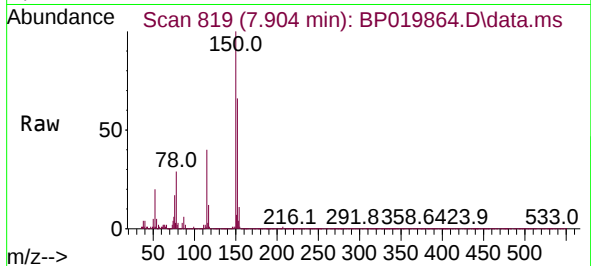




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 81
 Delta R.T. 0.005 min
 Lab File: BP019864.D
 Acq: 24 Feb 2024 16:25

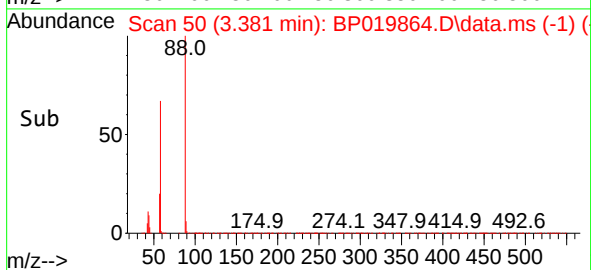
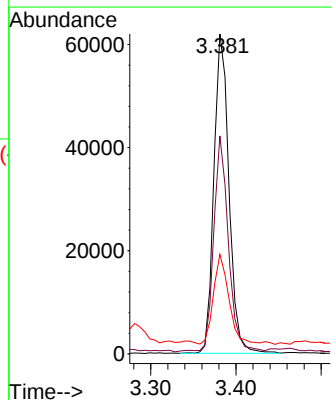
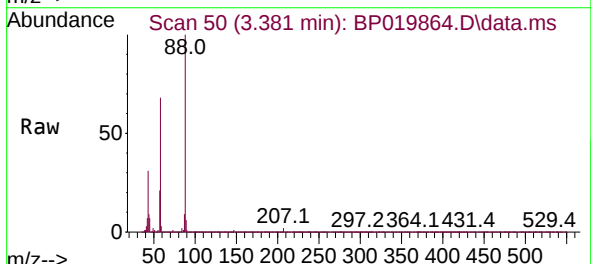
Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-10MSD

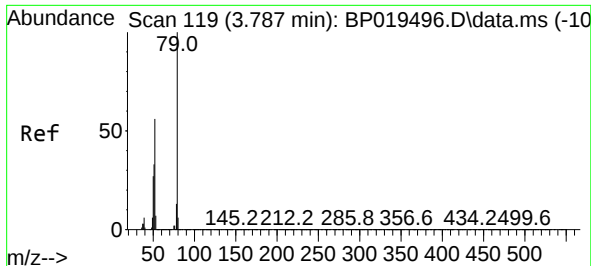
Tgt Ion:152 Resp: 95721
 Ion Ratio Lower Upper
 152 100
 150 151.1 121.8 182.8
 115 60.3 49.9 74.9



#2
 1,4-Dioxane
 Concen: 33.241 ng
 RT: 3.381 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BP019864.D
 Acq: 24 Feb 2024 16:25

Tgt Ion: 88 Resp: 76052
 Ion Ratio Lower Upper
 88 100
 58 66.0 52.6 78.8
 43 28.6 21.9 32.9





#3

Pyridine

Concen: 32.058 ng

RT: 3.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

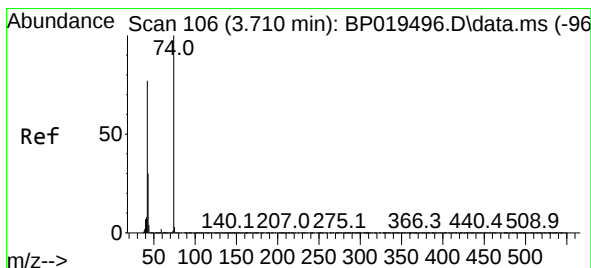
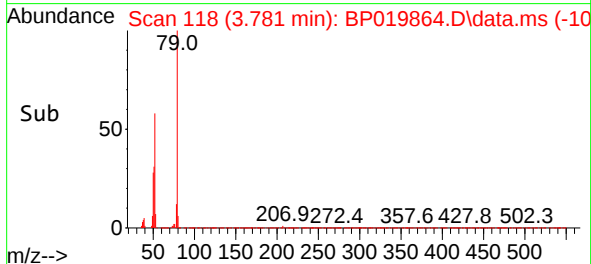
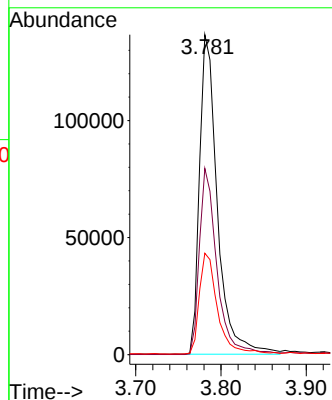
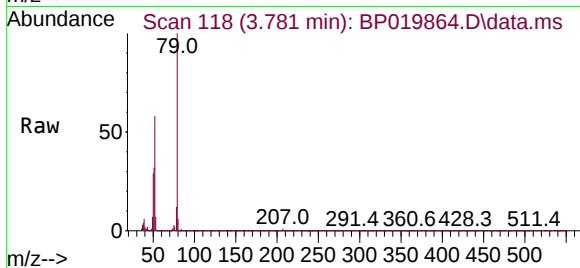
Tgt Ion: 79 Resp: 198852

Ion Ratio Lower Upper

79 100

52 58.2 45.0 67.6

51 31.7 26.8 40.2



#4

n-Nitrosodimethylamine

Concen: 39.121 ng

RT: 3.705 min Scan# 105

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

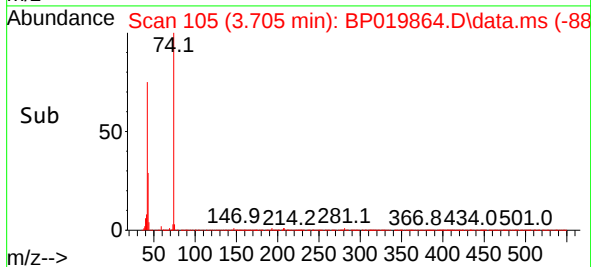
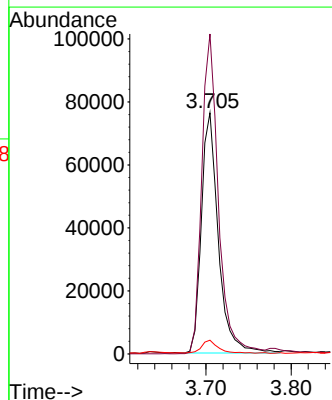
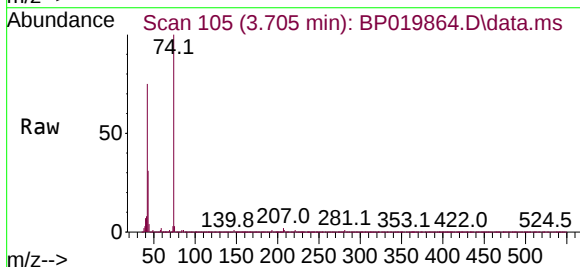
Tgt Ion: 42 Resp: 105647

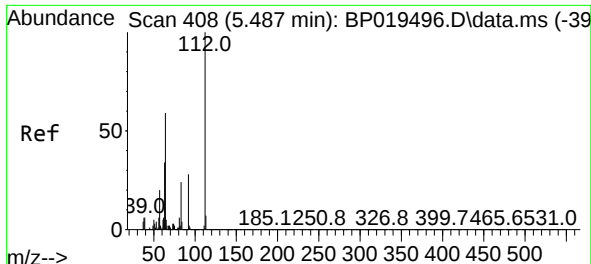
Ion Ratio Lower Upper

42 100

74 132.7 103.4 155.2

44 5.7 4.8 7.2

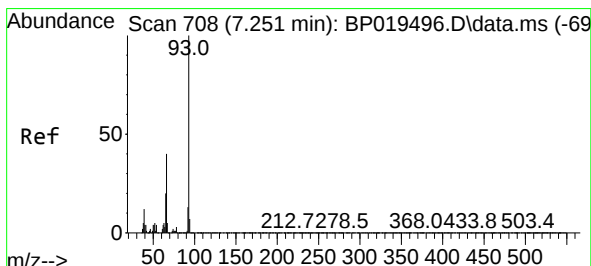
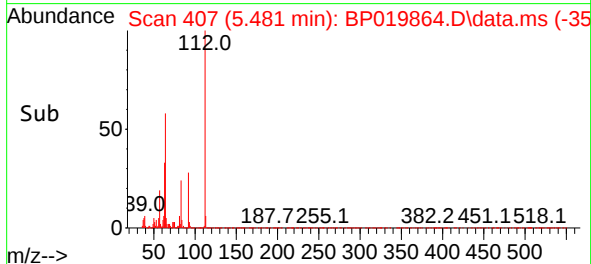
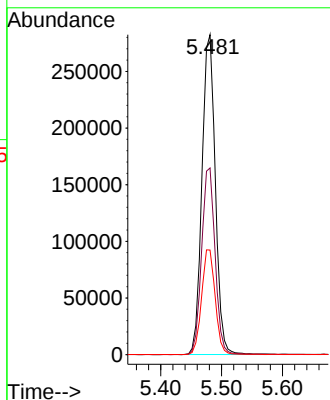
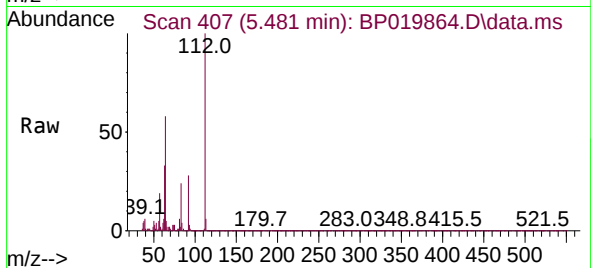




#5
2-Fluorophenol
Concen: 72.475 ng
RT: 5.481 min Scan# 408
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

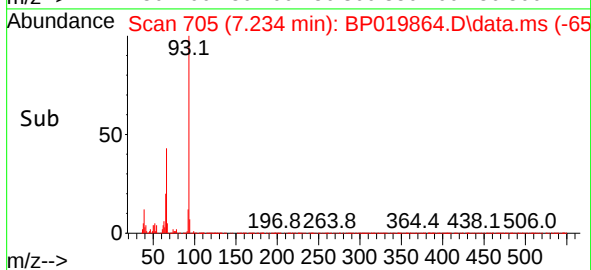
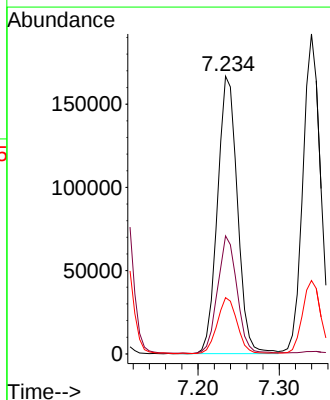
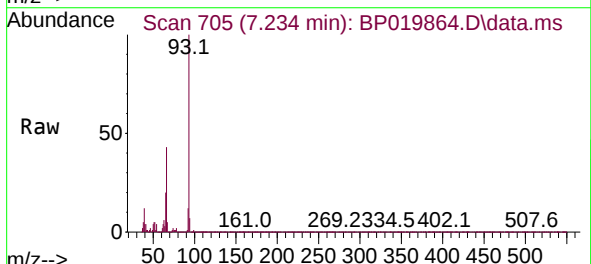
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

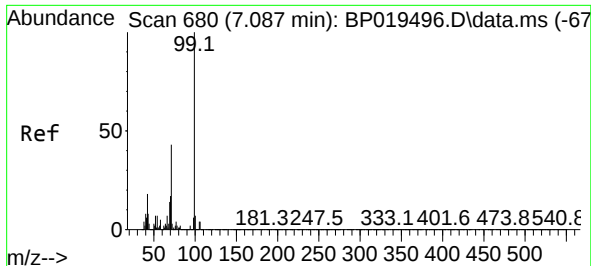
Tgt Ion:112 Resp: 430381
Ion Ratio Lower Upper
112 100
64 58.3 47.4 71.0
63 32.7 27.0 40.6



#6
Aniline
Concen: 36.547 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion: 93 Resp: 284342
Ion Ratio Lower Upper
93 100
66 42.5 32.3 48.5
65 20.3 16.4 24.6

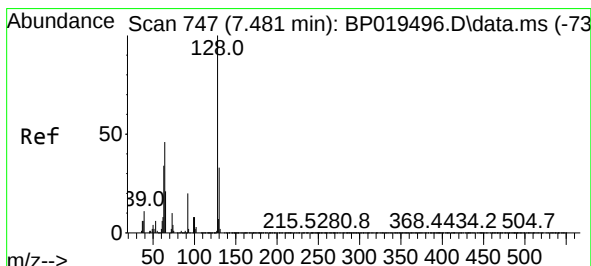
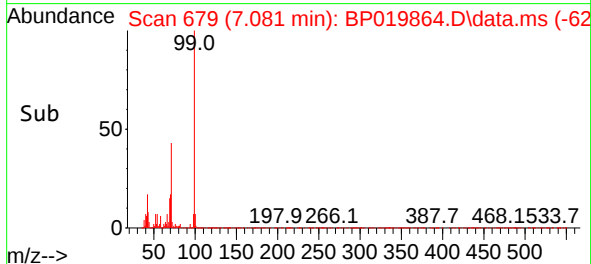
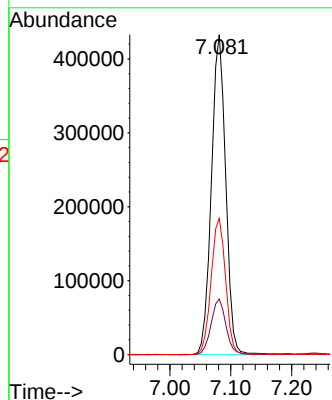
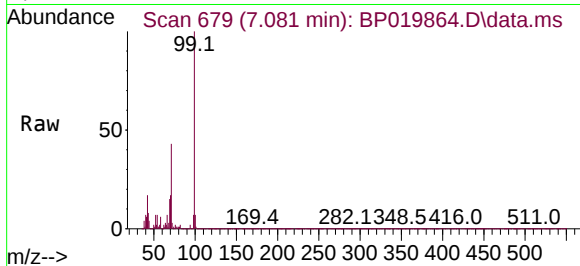




#7
Phenol-d6
Concen: 88.161 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

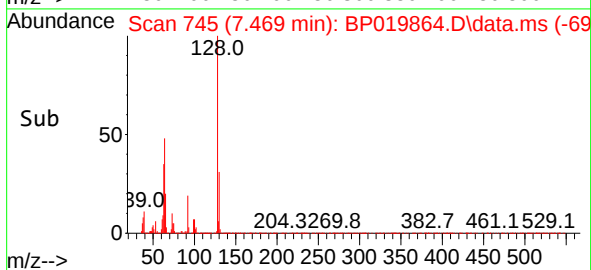
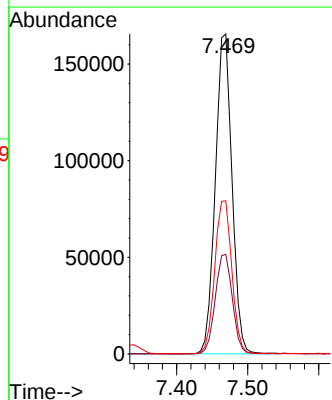
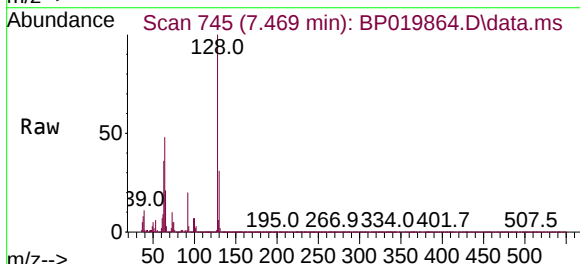
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

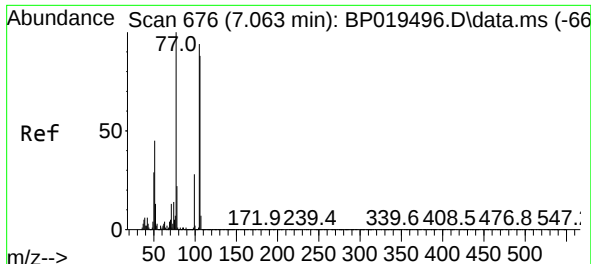
Tgt Ion: 99 Resp: 705910
Ion Ratio Lower Upper
99 100
42 17.4 14.7 22.1
71 42.5 34.8 52.2



#8
2-Chlorophenol
Concen: 44.405 ng
RT: 7.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:128 Resp: 270724
Ion Ratio Lower Upper
128 100
130 31.1 13.3 53.3
64 47.9 29.7 69.7





#9

Benzaldehyde

Concen: 8.474 ng

RT: 7.057 min Scan# 61

Delta R.T. 0.006 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

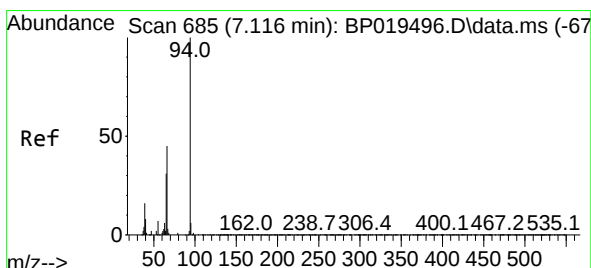
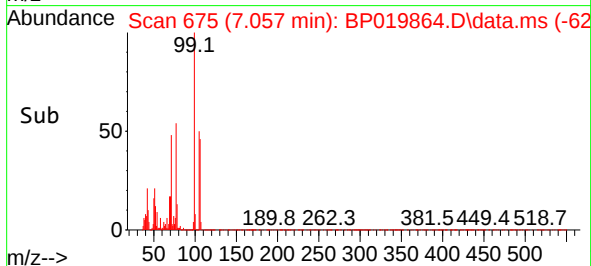
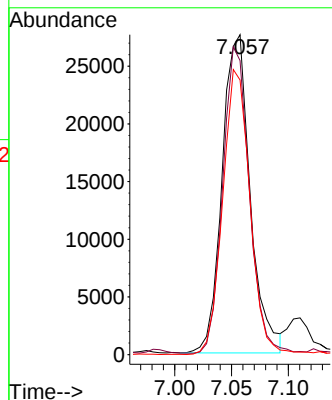
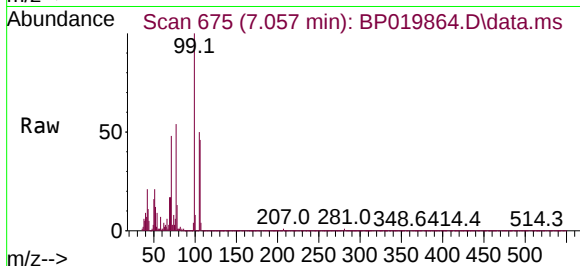
Tgt Ion: 77 Resp: 47570

Ion Ratio Lower Upper

77 100

105 91.9 74.0 114.0

106 85.8 67.8 107.8



#10

Phenol

Concen: 50.614 ng

RT: 7.104 min Scan# 683

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

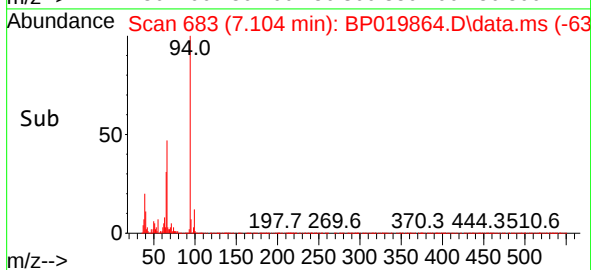
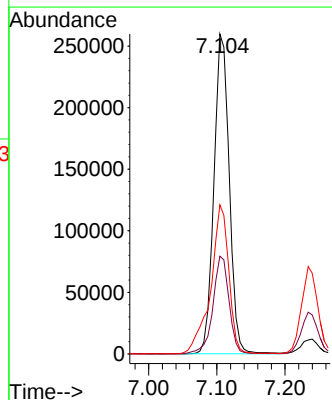
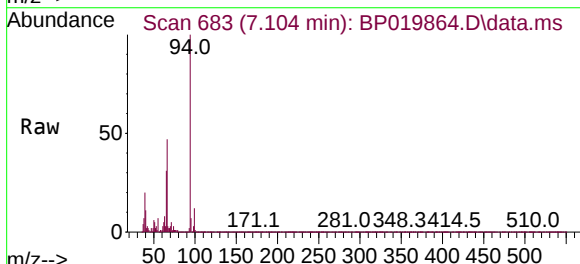
Tgt Ion: 94 Resp: 403924

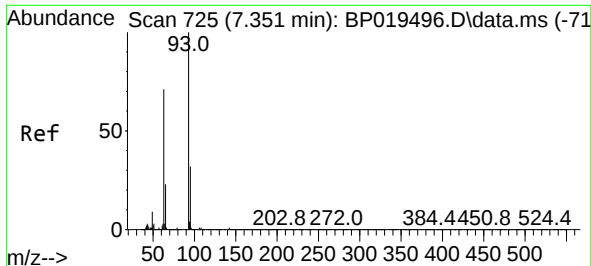
Ion Ratio Lower Upper

94 100

65 30.6 11.3 51.3

66 46.6 25.1 65.1

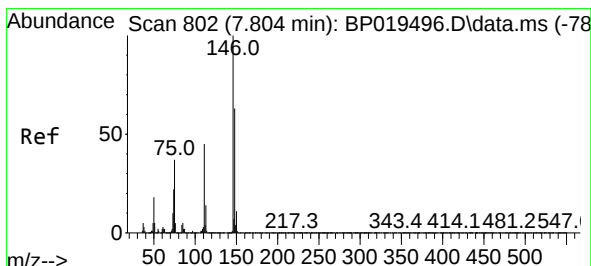
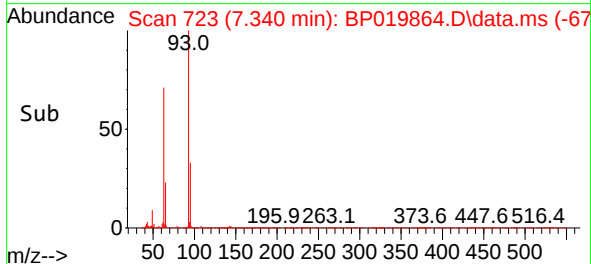
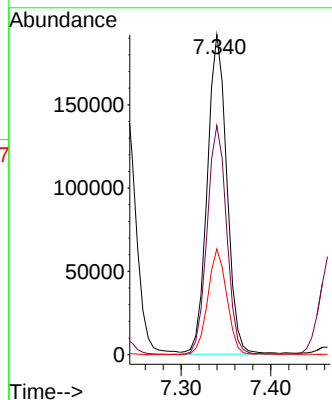
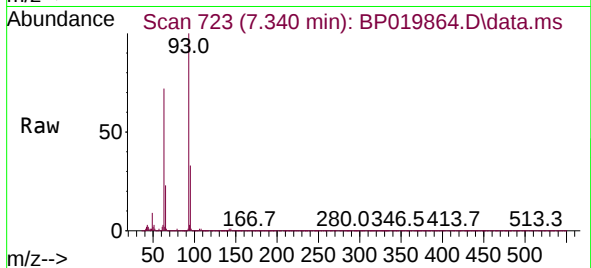




#11
bis(2-Chloroethyl)ether
Concen: 46.803 ng
RT: 7.340 min Scan# 719
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

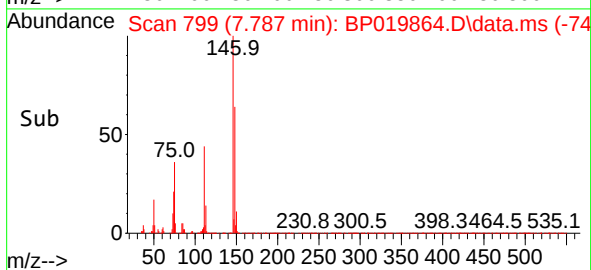
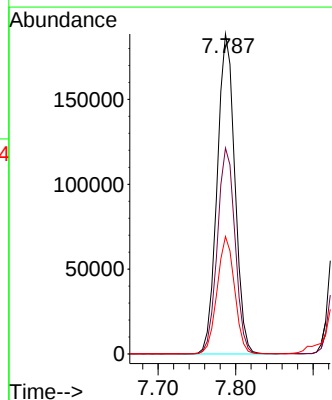
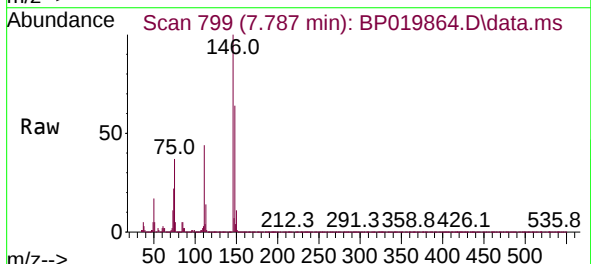
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

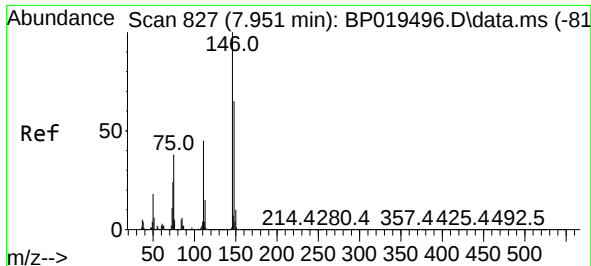
Tgt Ion: 93 Resp: 290587
Ion Ratio Lower Upper
93 100
63 71.6 51.2 91.2
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.164 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:146 Resp: 299629
Ion Ratio Lower Upper
146 100
148 64.3 50.4 75.6
75 36.7 29.9 44.9

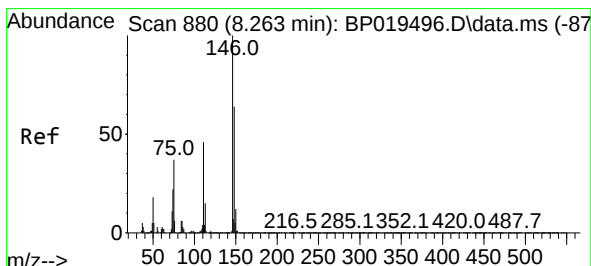
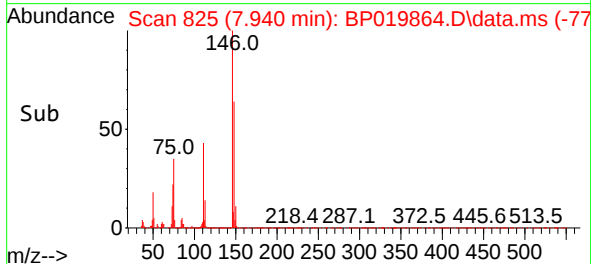
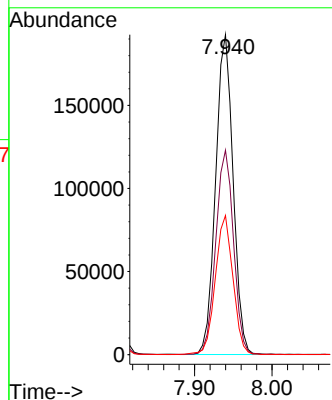
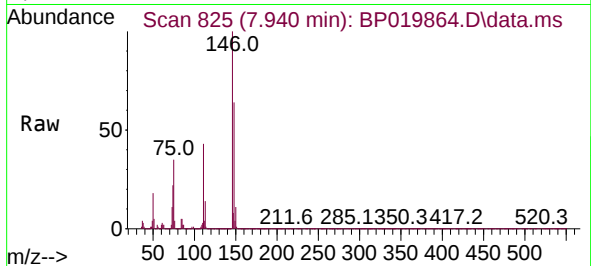




#13
1,4-Dichlorobenzene
Concen: 39.988 ng
RT: 7.940 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

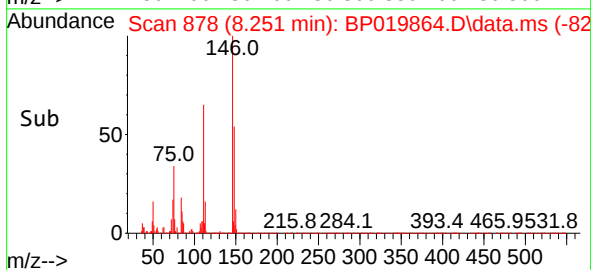
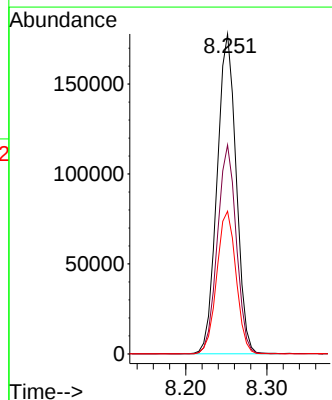
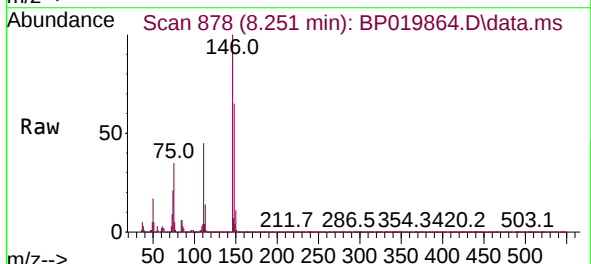
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

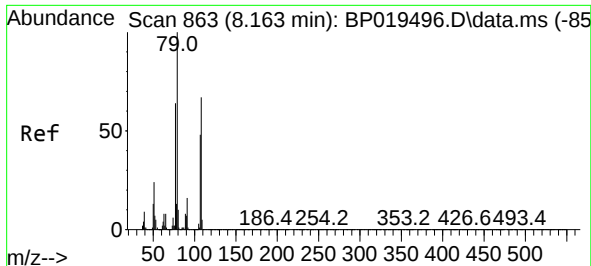
Tgt Ion:146 Resp: 302233
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
111 43.5 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 39.700 ng
RT: 8.251 min Scan# 878
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:146 Resp: 290314
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.0
111 44.6 37.0 55.6

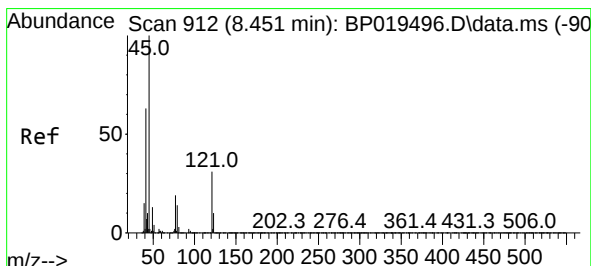
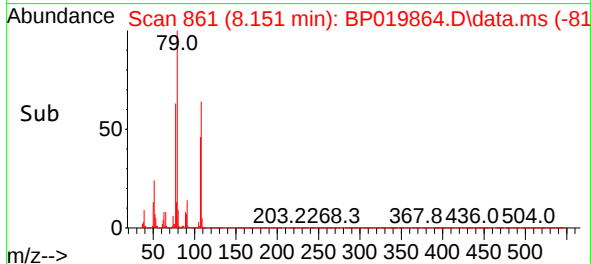
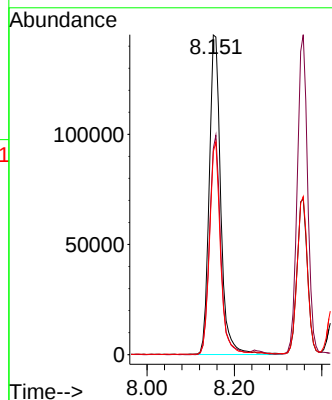
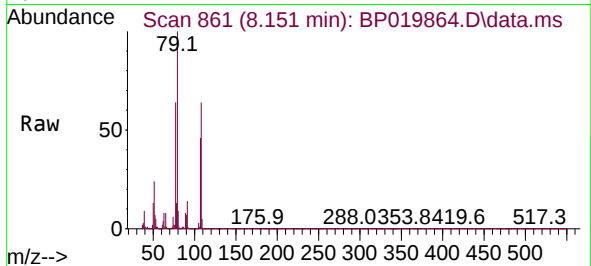




#15
Benzyl Alcohol
Concen: 41.261 ng
RT: 8.151 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

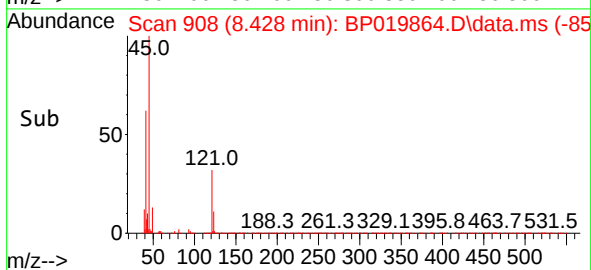
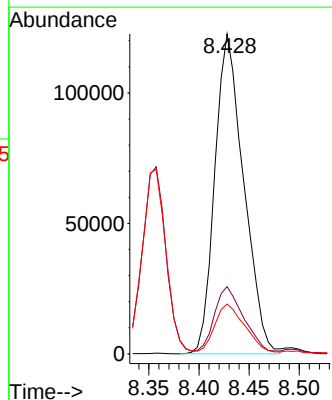
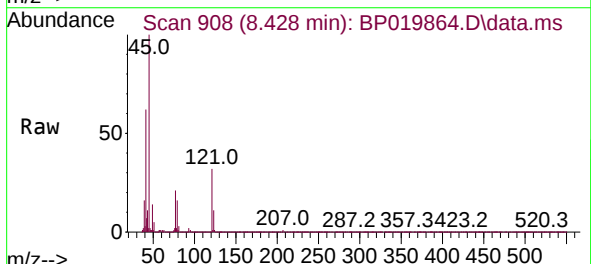
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

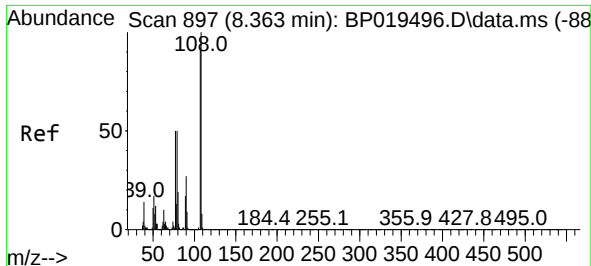
Tgt Ion: 79 Resp: 263975
Ion Ratio Lower Upper
79 100
108 64.5 53.8 80.6
77 63.5 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.507 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion: 45 Resp: 245285
Ion Ratio Lower Upper
45 100
77 21.0 0.8 40.8
79 15.6 0.0 35.5

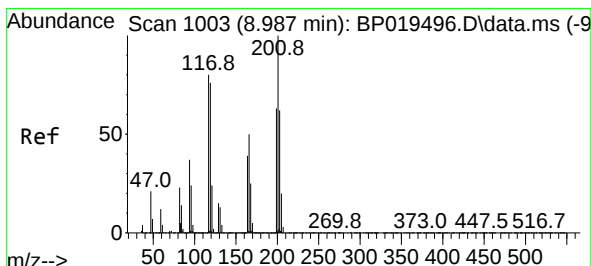
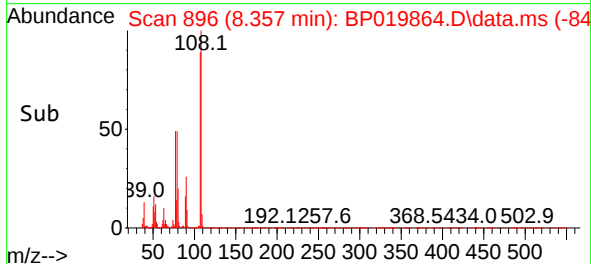
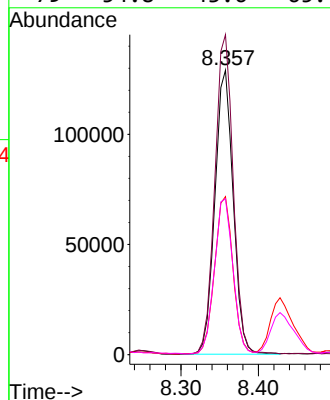
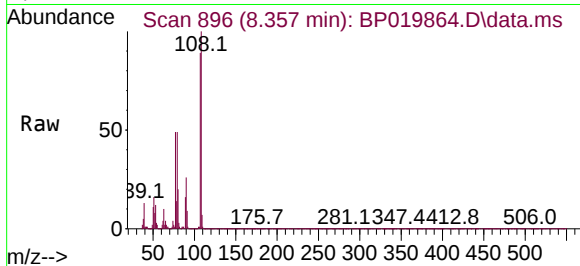




#17
2-Methylphenol
Concen: 39.452 ng
RT: 8.357 min Scan# 89
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

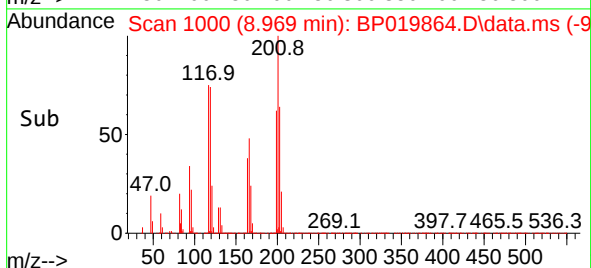
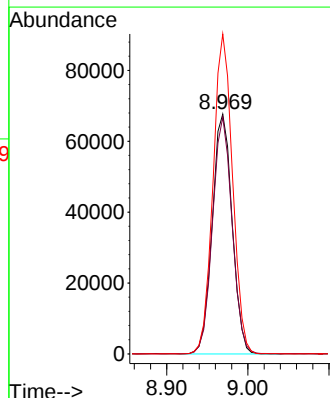
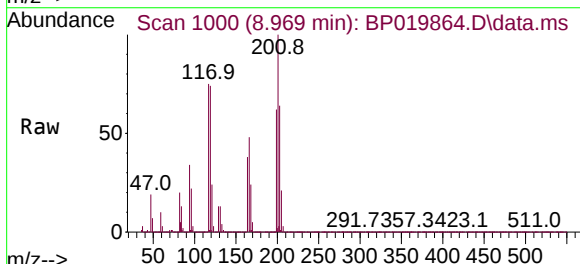
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

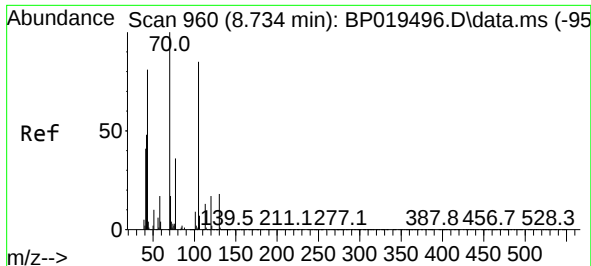
Tgt Ion:	107	Resp:	211964
Ion	Ratio	Lower	Upper
107	100		
108	112.5	87.0	130.6
77	55.5	43.5	65.3
79	54.8	43.6	65.4



#18
Hexachloroethane
Concen: 39.274 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:	117	Resp:	115057
Ion	Ratio	Lower	Upper
117	100		
119	98.7	75.5	113.3
201	133.5	99.4	149.2

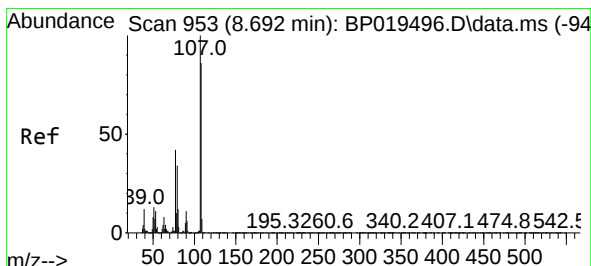
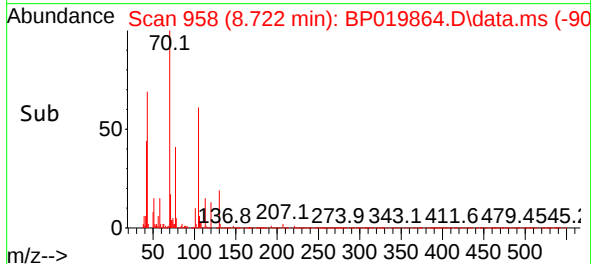
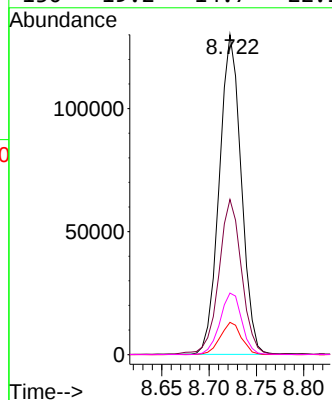
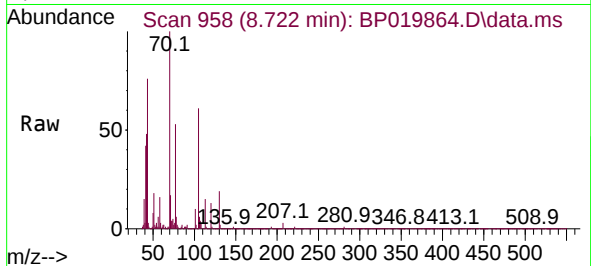




#19
n-Nitroso-di-n-propylamine
Concen: 38.234 ng
RT: 8.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

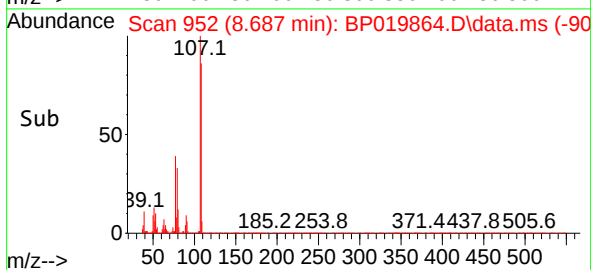
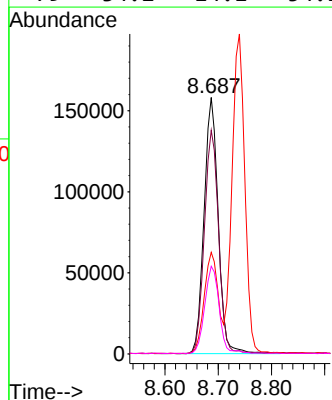
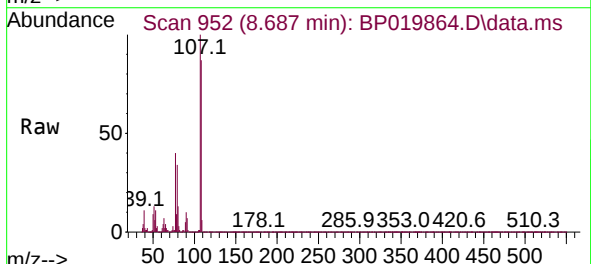
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

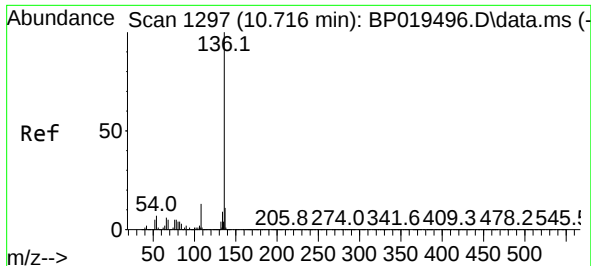
Tgt Ion: 70 Resp: 209110
Ion Ratio Lower Upper
70 100
42 48.5 39.2 58.8
101 10.1 7.3 10.9
130 19.2 14.7 22.1



#20
3+4-Methylphenols
Concen: 39.678 ng
RT: 8.687 min Scan# 952
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion: 107 Resp: 290936
Ion Ratio Lower Upper
107 100
108 87.2 65.5 105.5
77 39.6 21.8 61.8
79 34.2 14.1 54.1

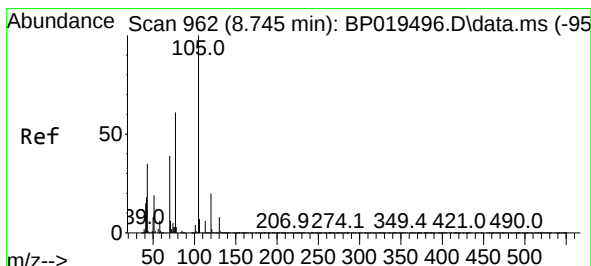
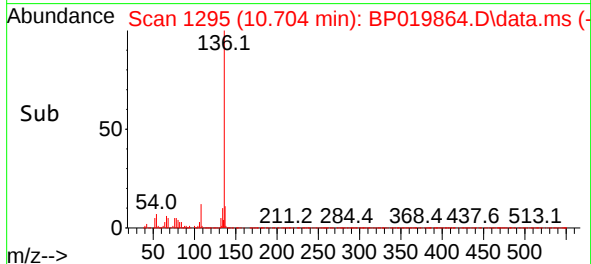
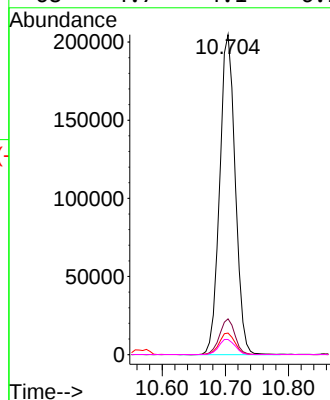
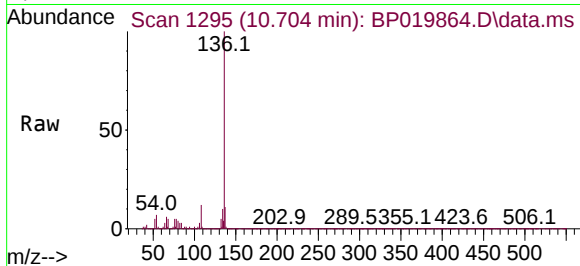




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

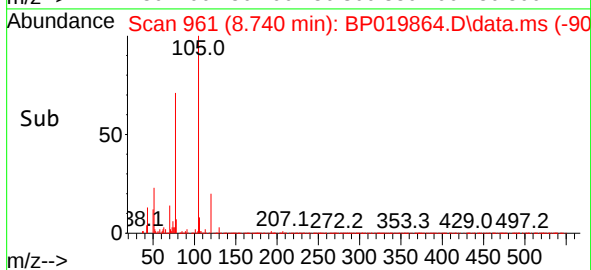
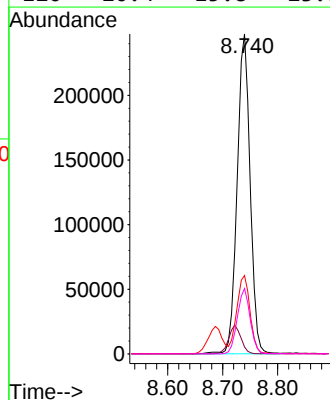
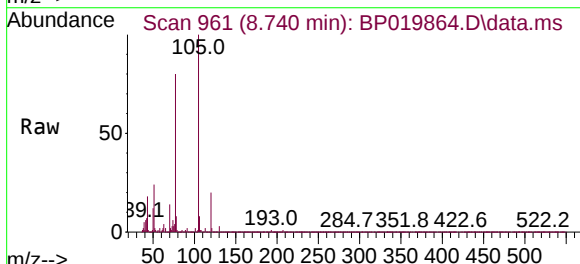
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

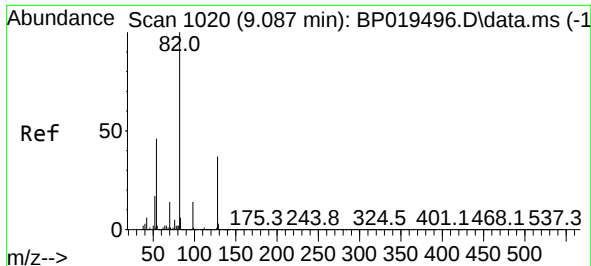
Tgt Ion:	136	Resp:	349779
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.7	5.3	7.9
68	4.7	4.1	6.1



#22
Acetophenone
Concen: 40.664 ng
RT: 8.740 min Scan# 961
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:	105	Resp:	405200
Ion	Ratio	Lower	Upper
105	100		
71	2.2	4.9	7.3
51	24.5	20.7	31.1
120	20.4	15.8	23.8

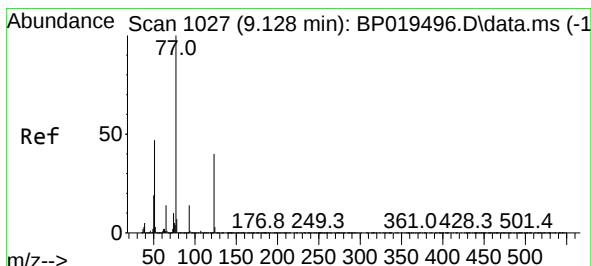
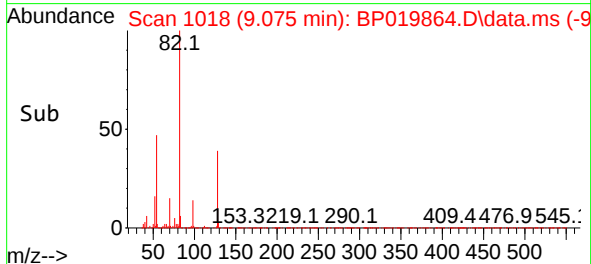
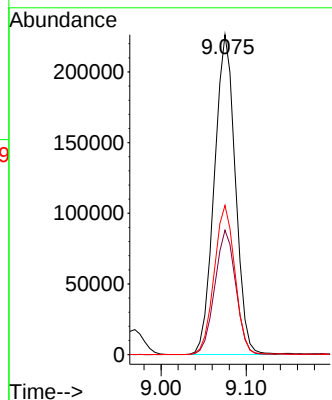
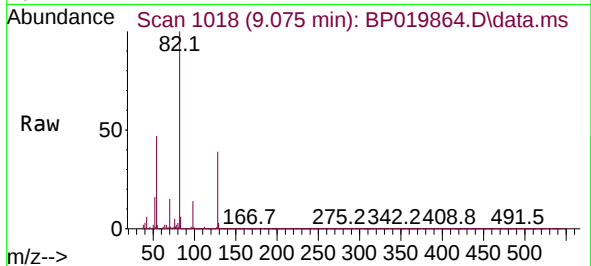




#23
Nitrobenzene-d5
Concen: 48.023 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

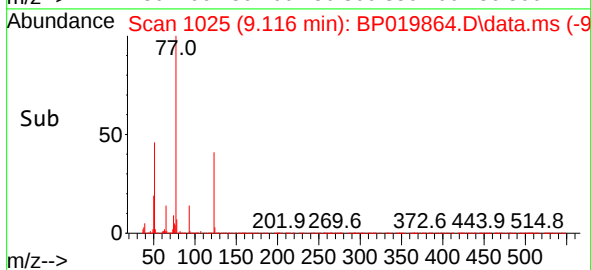
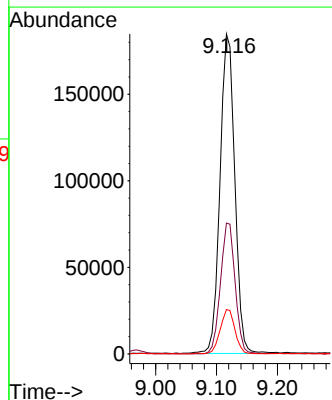
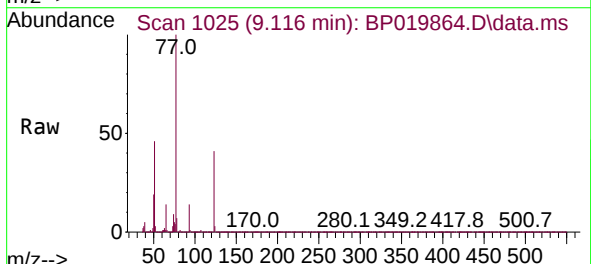
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

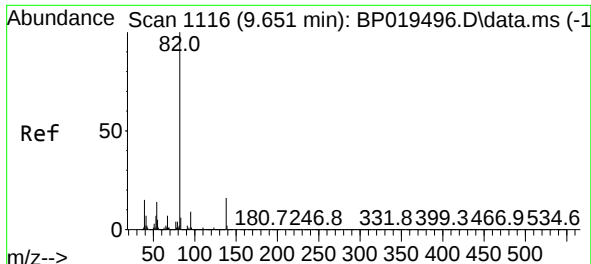
Tgt Ion: 82 Resp: 387653
Ion Ratio Lower Upper
82 100
128 38.9 29.7 44.5
54 46.6 36.8 55.2



#24
Nitrobenzene
Concen: 38.428 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion: 77 Resp: 312321
Ion Ratio Lower Upper
77 100
123 40.9 32.3 48.5
65 13.9 11.6 17.4

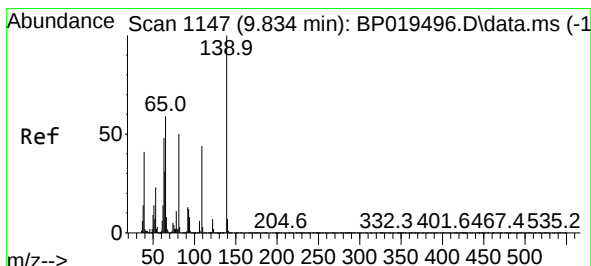
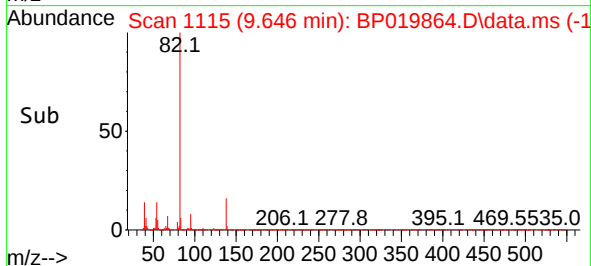
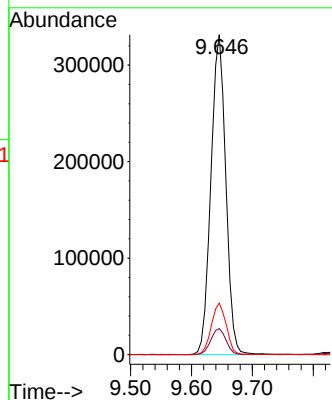
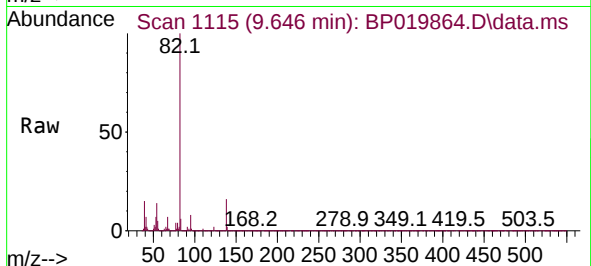




#25
Isophorone
Concen: 39.938 ng
RT: 9.646 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

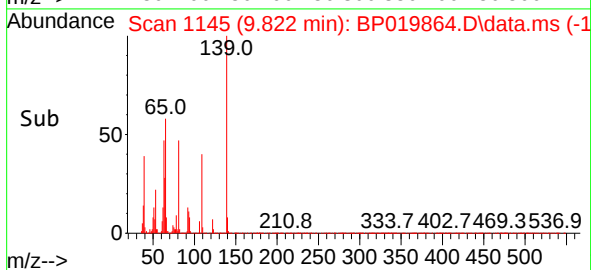
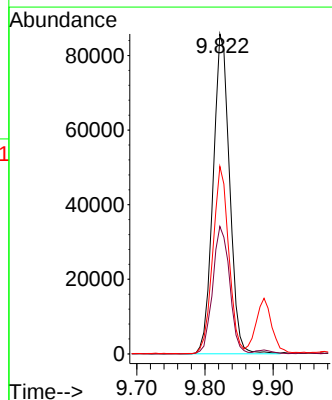
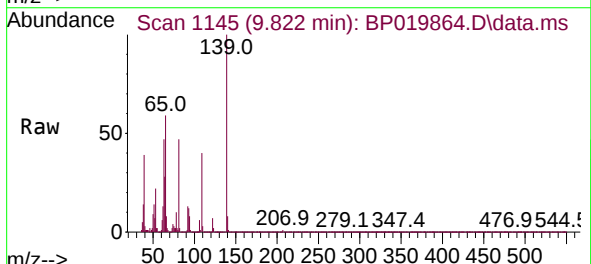
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

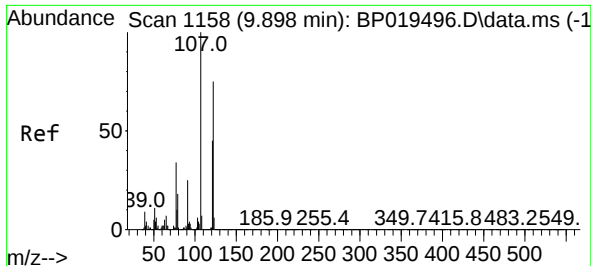
Tgt Ion: 82 Resp: 561450
Ion Ratio Lower Upper
82 100
95 8.1 7.0 10.4
138 16.1 13.1 19.7



#26
2-Nitrophenol
Concen: 46.475 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion: 139 Resp: 144023
Ion Ratio Lower Upper
139 100
109 39.8 34.9 52.3
65 58.6 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 47.333 ng

RT: 9.887 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

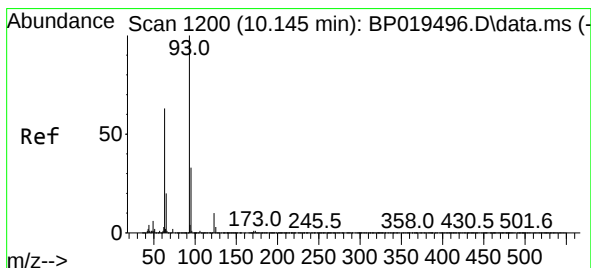
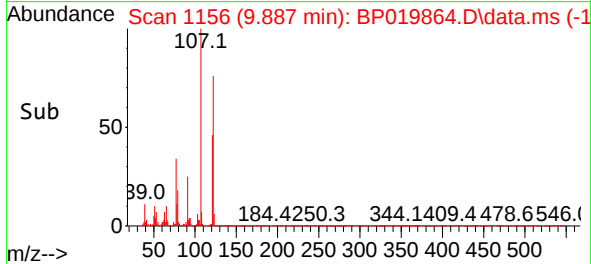
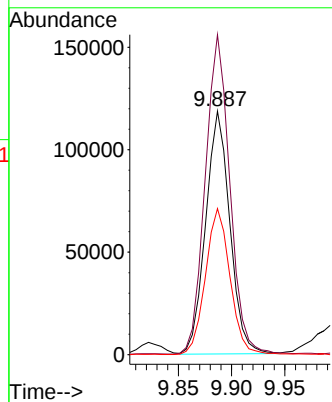
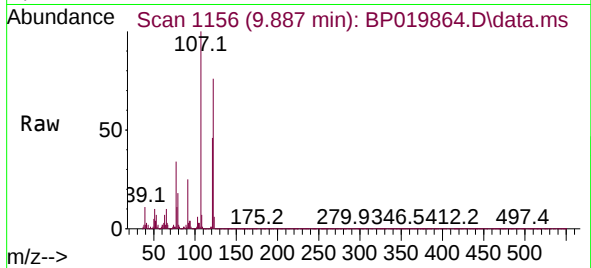
Tgt Ion:122 Resp: 187560

Ion Ratio Lower Upper

122 100

107 131.4 105.9 158.9

121 60.0 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.415 ng

RT: 10.128 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

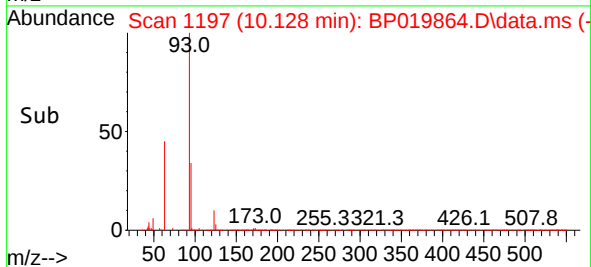
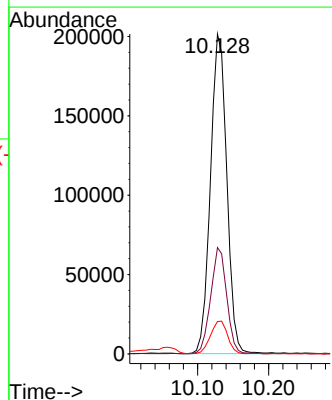
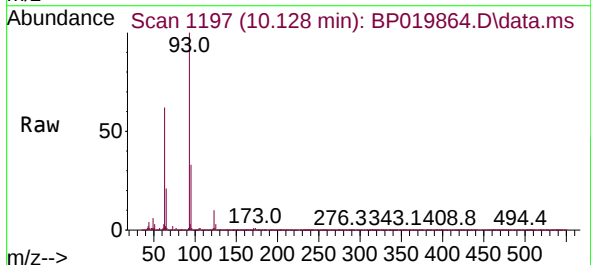
Tgt Ion: 93 Resp: 321461

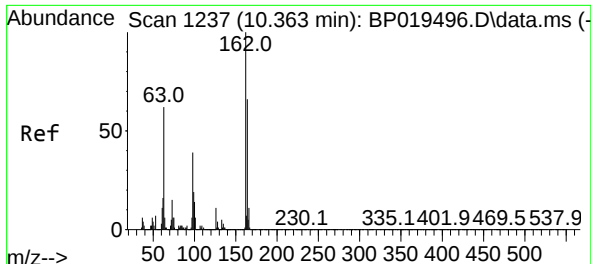
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.4

123 10.1 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 44.572 ng

RT: 10.357 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

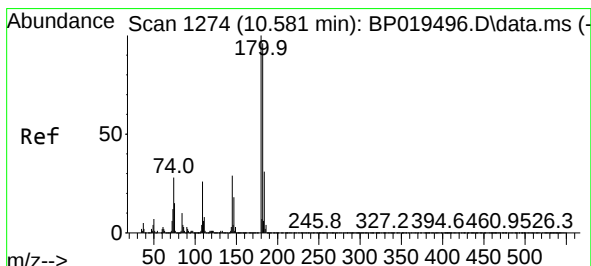
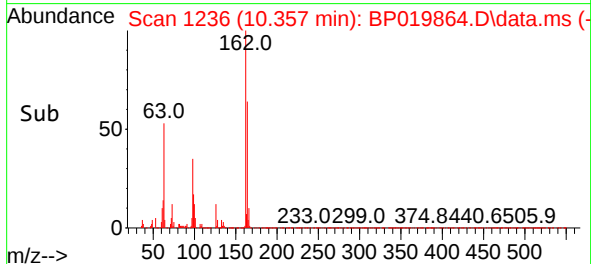
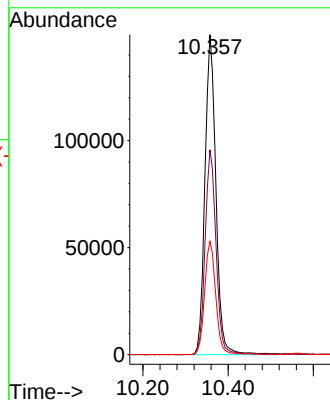
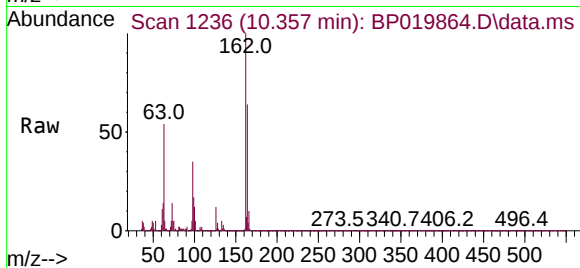
Tgt Ion:162 Resp: 266987

Ion Ratio Lower Upper

162 100

164 64.0 46.0 86.0

98 35.4 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 42.449 ng

RT: 10.563 min Scan# 1271

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

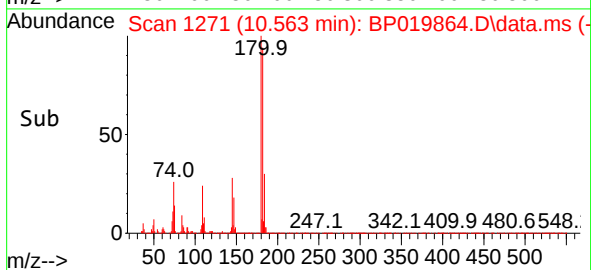
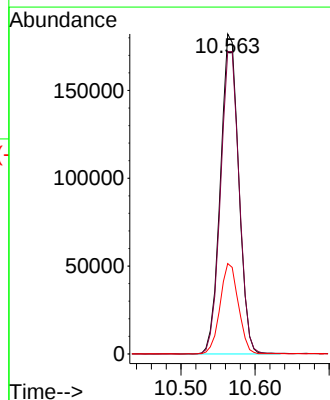
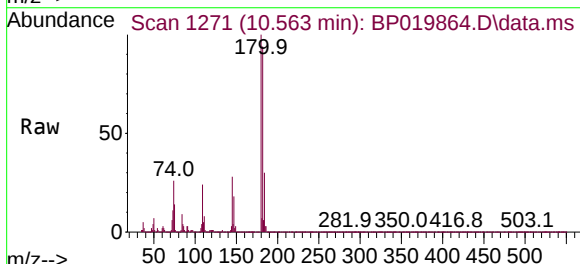
Tgt Ion:180 Resp: 311768

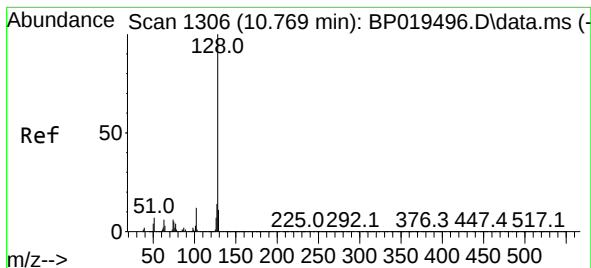
Ion Ratio Lower Upper

180 100

182 94.5 77.0 115.6

145 28.2 23.2 34.8





#31

Naphthalene

Concen: 39.955 ng

RT: 10.757 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

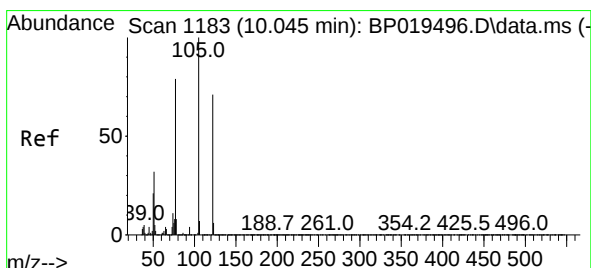
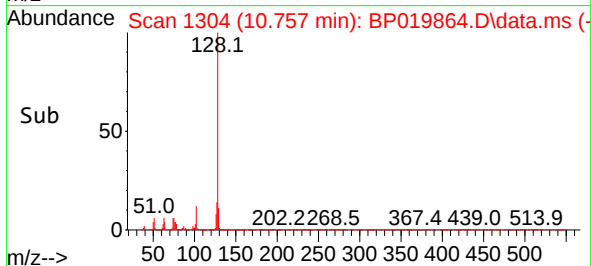
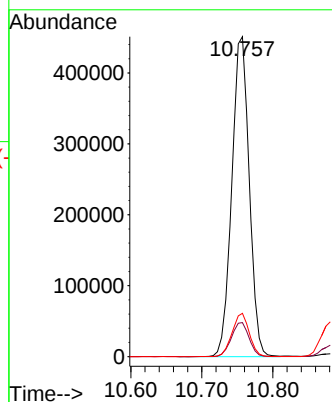
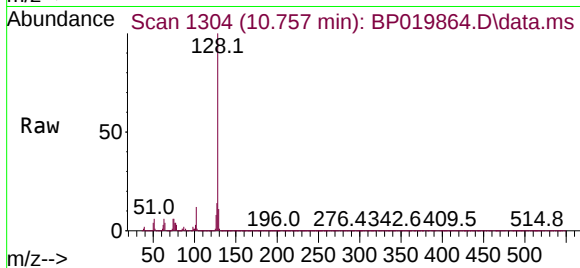
Tgt Ion:128 Resp: 766481

Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 44.627 ng

RT: 10.057 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

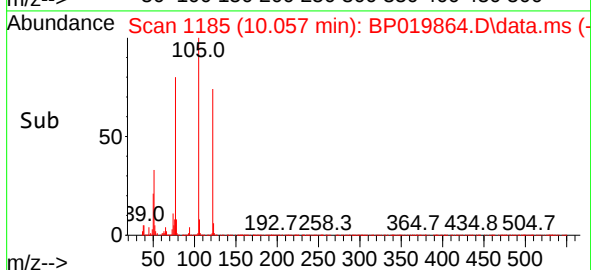
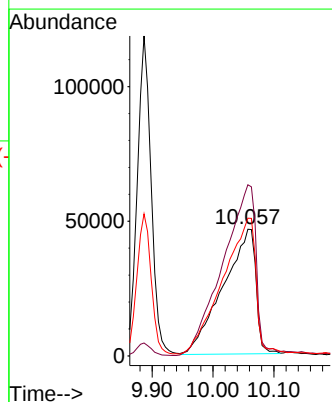
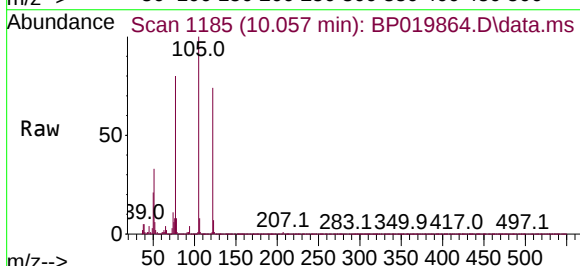
Tgt Ion:122 Resp: 172295

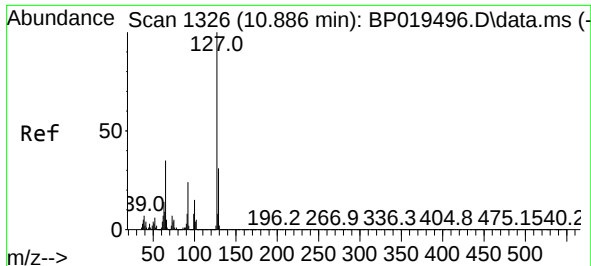
Ion Ratio Lower Upper

122 100

105 135.1 118.8 158.8

77 108.7 91.7 131.7

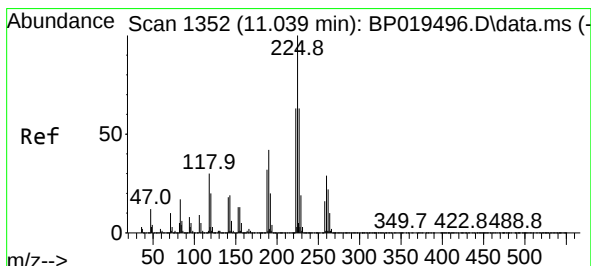
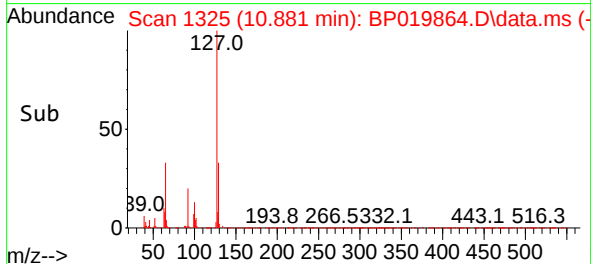
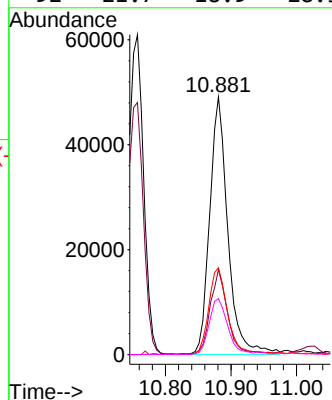
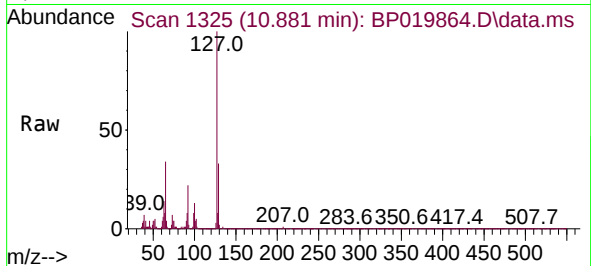




#33
4-Chloroaniline
Concen: 13.304 ng
RT: 10.881 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

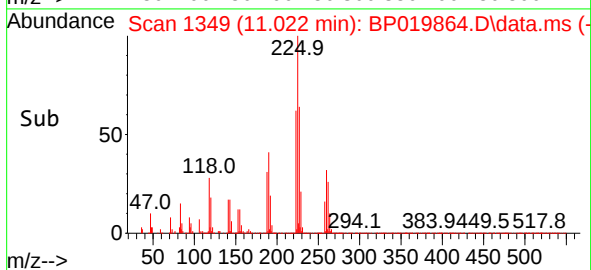
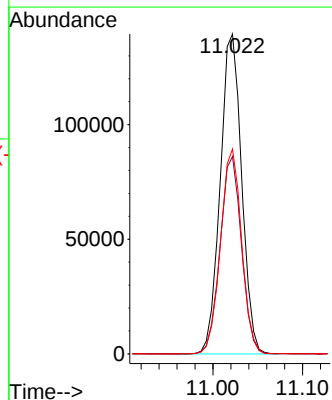
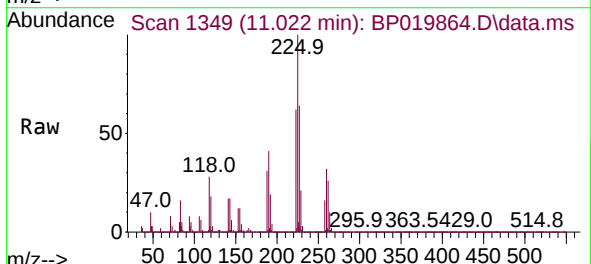
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

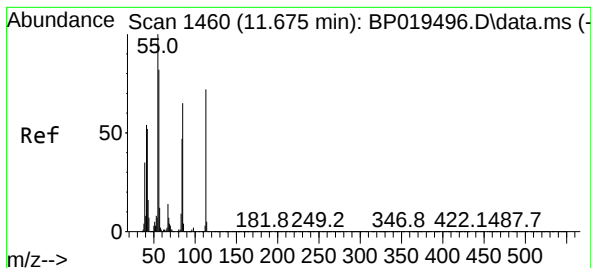
Tgt Ion:	127	Resp:	94384
Ion	Ratio	Lower	Upper
127	100		
129	33.0	24.6	36.8
65	33.7	28.2	42.4
92	21.7	18.9	28.3



#34
Hexachlorobutadiene
Concen: 42.687 ng
RT: 11.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:	225	Resp:	232330
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.5	75.7
227	64.0	50.2	75.2





#35

Caprolactam

Concen: 44.214 ng

RT: 11.692 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

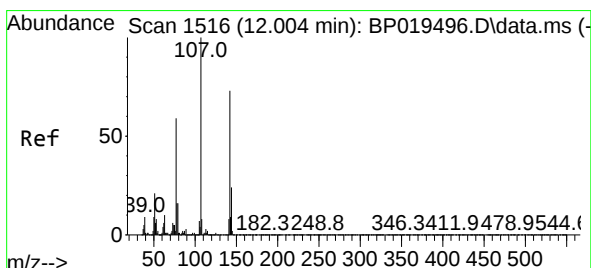
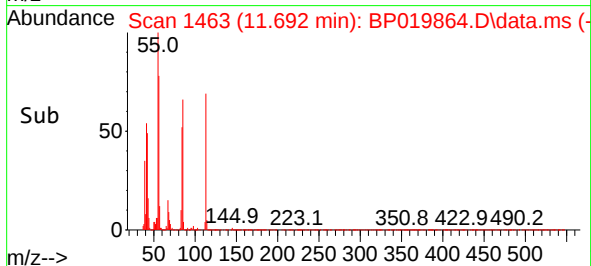
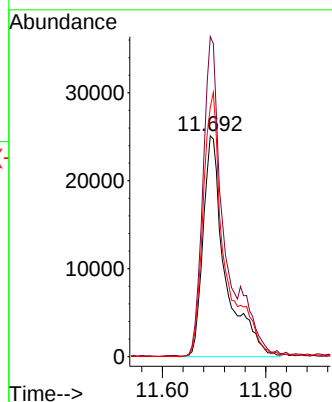
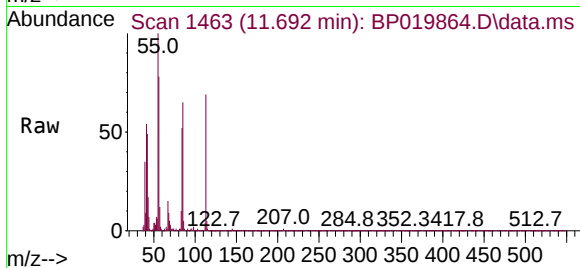
Tgt Ion:113 Resp: 74977

Ion Ratio Lower Upper

113 100

55 145.0 120.0 160.0

56 113.0 94.0 134.0



#36

4-Chloro-3-methylphenol

Concen: 42.241 ng

RT: 12.010 min Scan# 1517

Delta R.T. 0.006 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

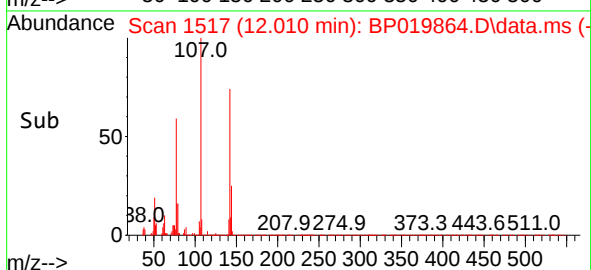
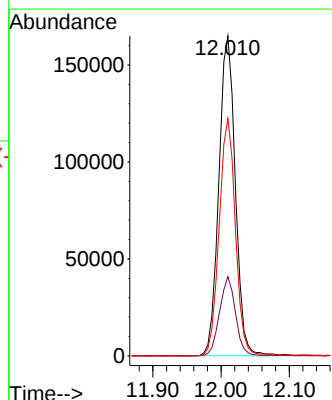
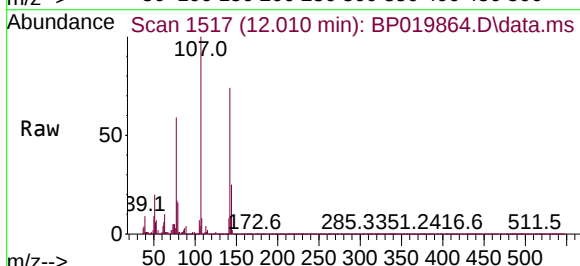
Tgt Ion:107 Resp: 275898

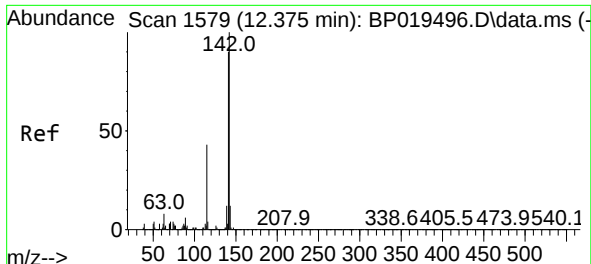
Ion Ratio Lower Upper

107 100

144 24.8 19.0 28.4

142 74.1 58.6 88.0

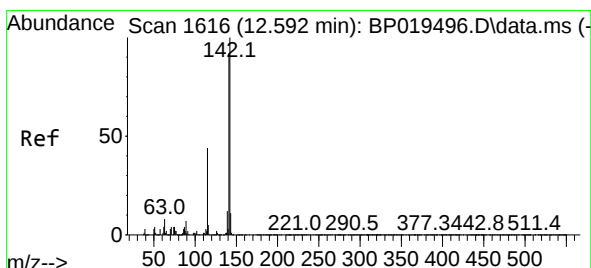
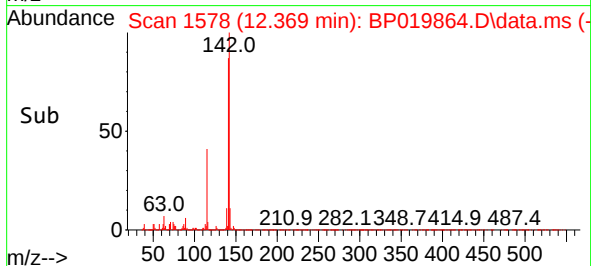
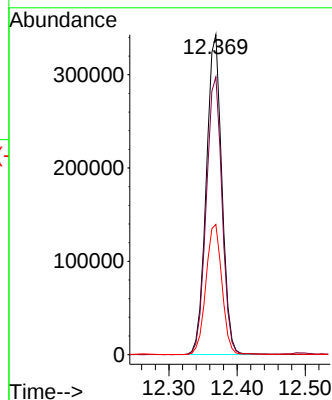
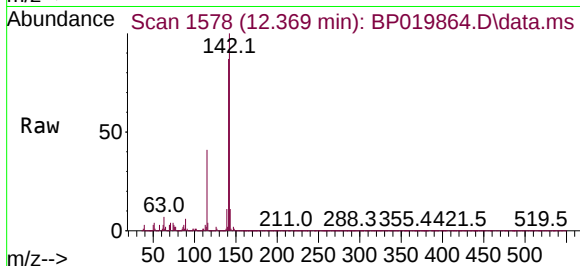




#37
2-Methylnaphthalene
Concen: 41.055 ng
RT: 12.369 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

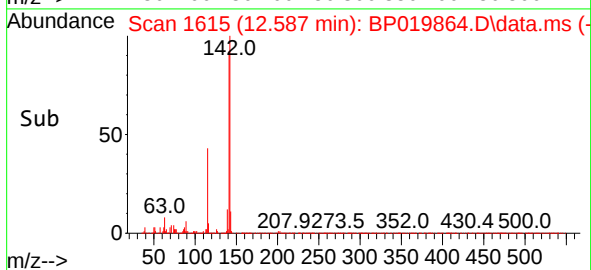
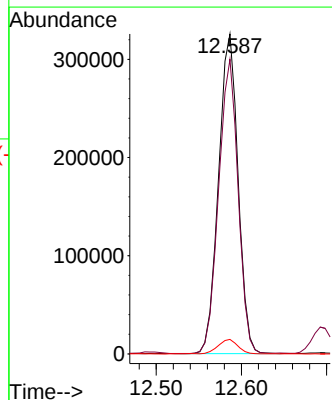
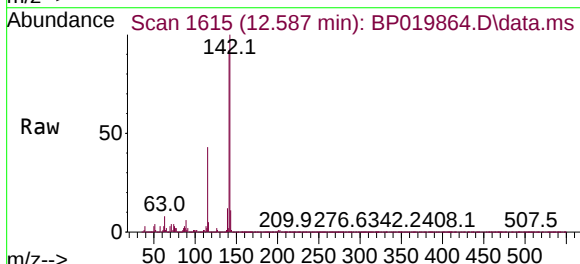
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

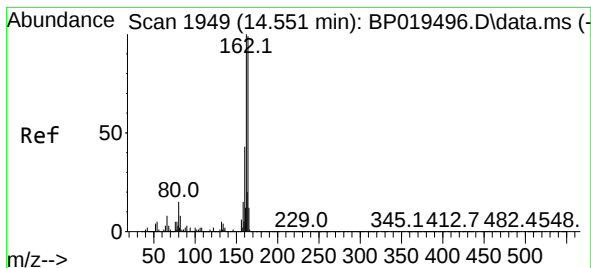
Tgt Ion:142 Resp: 545049
Ion Ratio Lower Upper
142 100
141 86.8 72.2 108.4
115 40.7 34.2 51.2



#38
1-Methylnaphthalene
Concen: 39.682 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:142 Resp: 517708
Ion Ratio Lower Upper
142 100
141 92.1 74.0 111.0
116 4.5 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1949

Delta R.T. -0.000 min

Lab File: BP019864.D

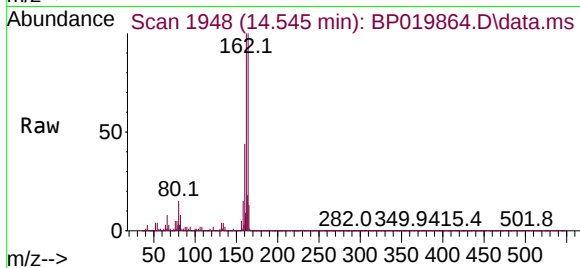
Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD



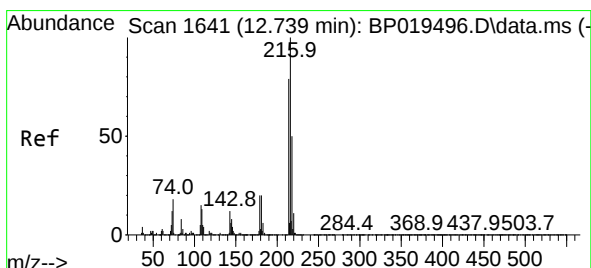
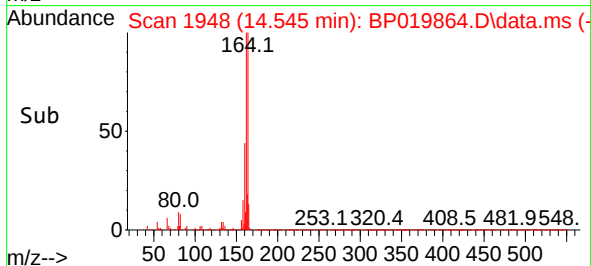
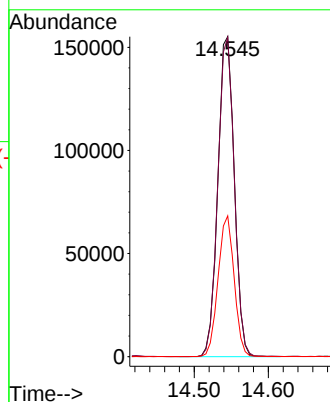
Tgt Ion:164 Resp: 239151

Ion Ratio Lower Upper

164 100

162 99.8 81.2 121.8

160 44.0 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.916 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Tgt Ion:216 Resp: 386600

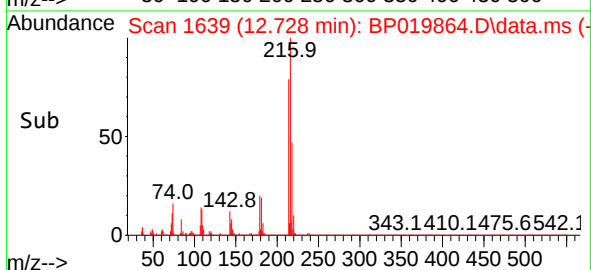
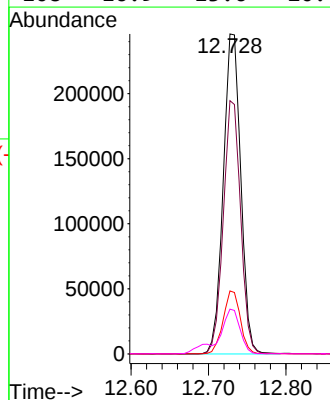
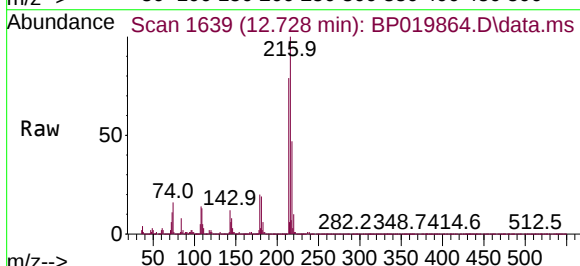
Ion Ratio Lower Upper

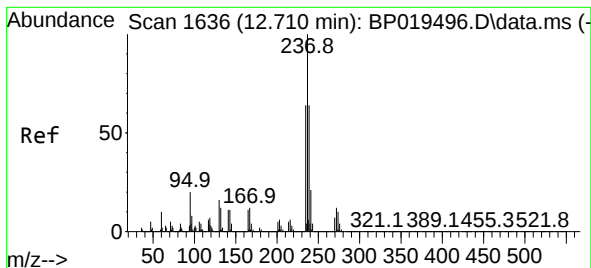
216 100

214 78.3 62.8 94.2

179 19.5 16.6 24.8

108 16.9 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 107.236 ng

RT: 12.692 min Scan# 1633

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

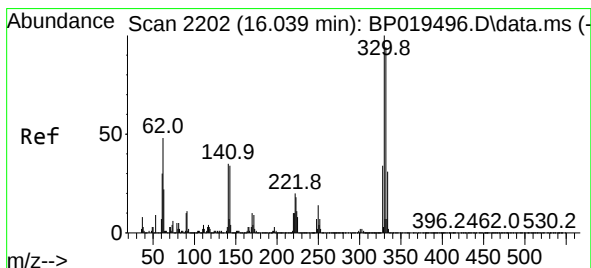
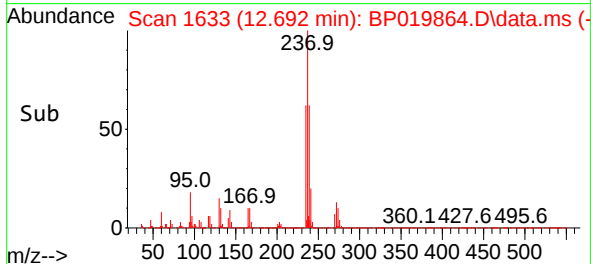
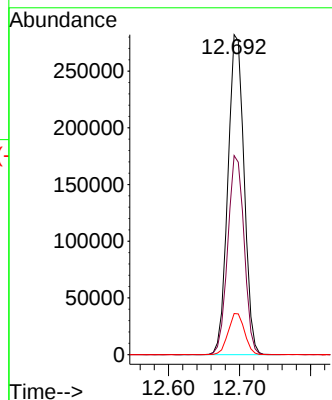
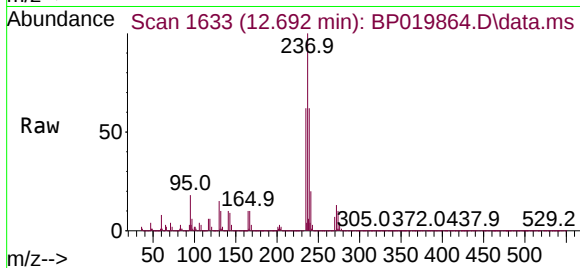
Tgt Ion:237 Resp: 446807

Ion Ratio Lower Upper

237 100

235 62.2 43.7 83.7

272 12.8 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 91.167 ng

RT: 16.045 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

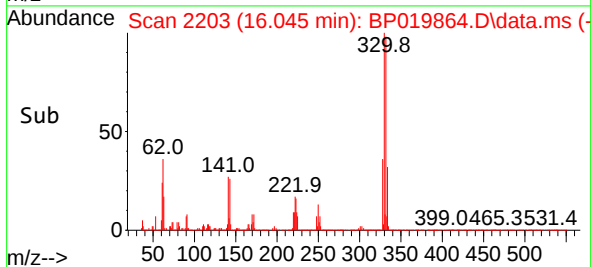
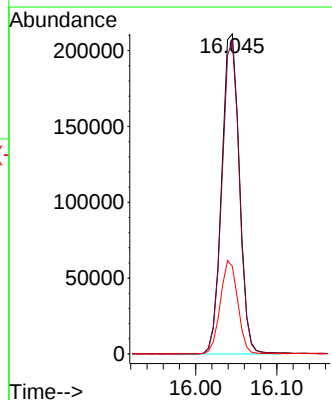
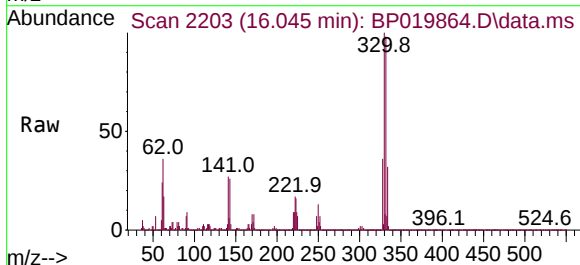
Tgt Ion:330 Resp: 318336

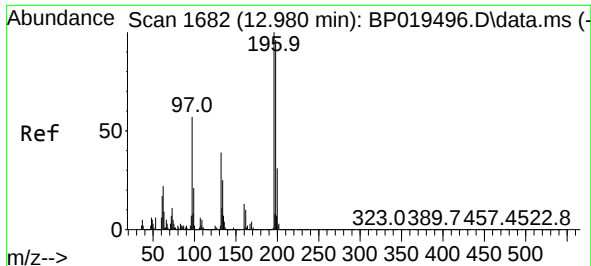
Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

141 28.7 27.0 40.4

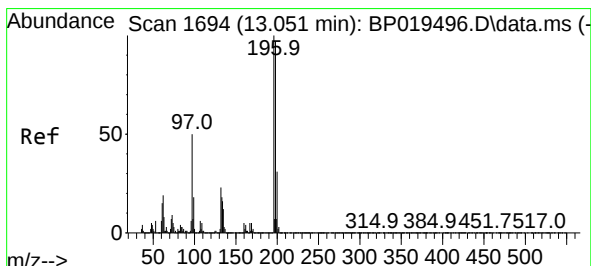
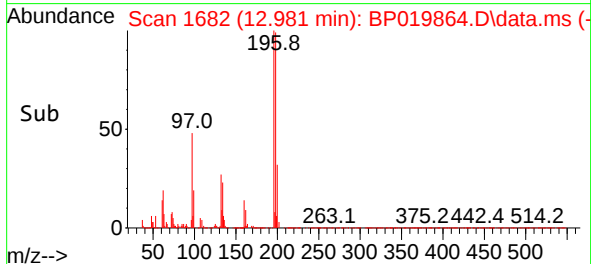
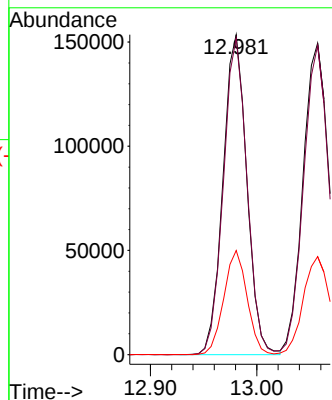
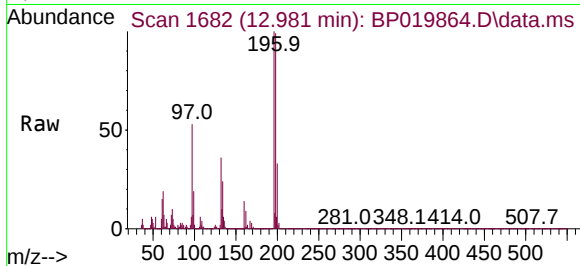




#43
2,4,6-Trichlorophenol
Concen: 42.773 ng
RT: 12.981 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

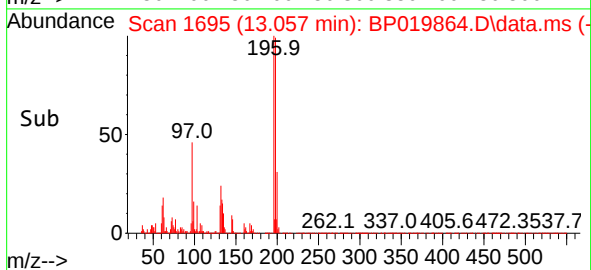
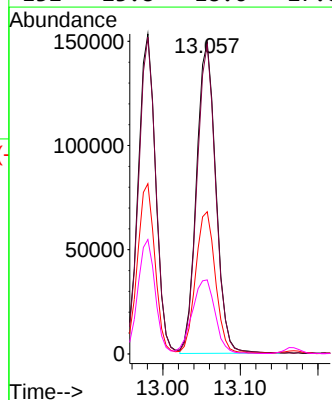
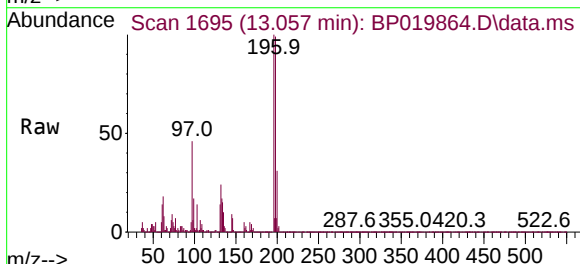
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

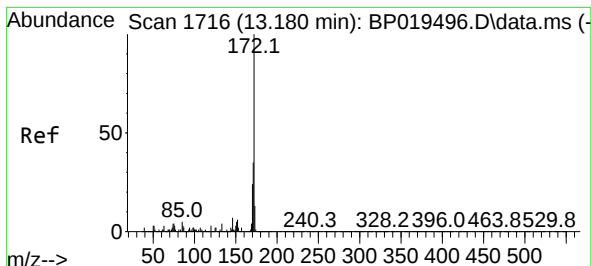
Tgt Ion:196 Resp: 238882
Ion Ratio Lower Upper
196 100
198 98.9 76.7 115.1
200 32.5 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 42.280 ng
RT: 13.057 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:196 Resp: 259287
Ion Ratio Lower Upper
196 100
198 99.3 77.5 116.3
97 45.6 39.9 59.9
132 23.8 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 47.918 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

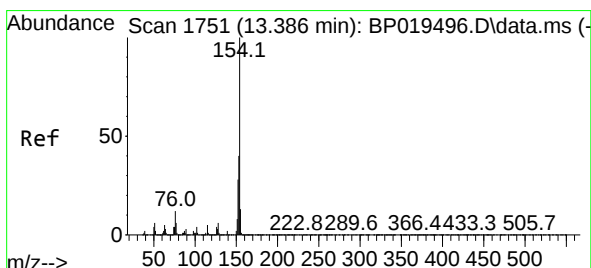
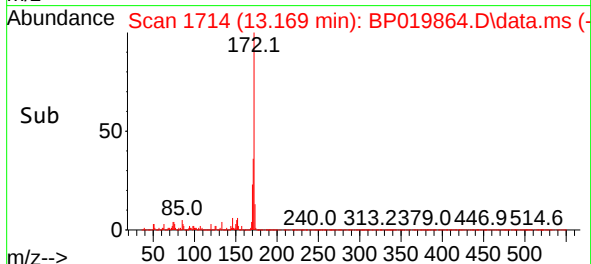
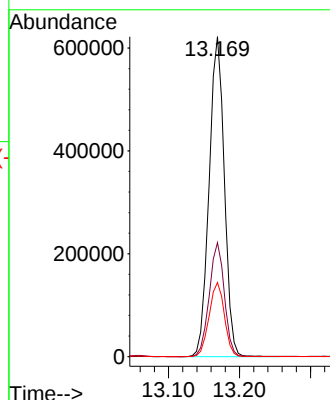
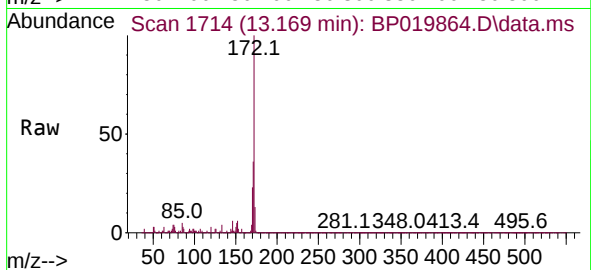
Tgt Ion:172 Resp: 926993

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 38.828 ng

RT: 13.381 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

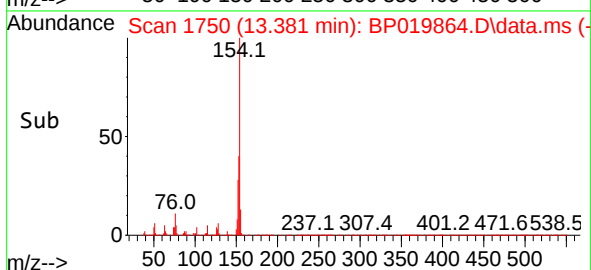
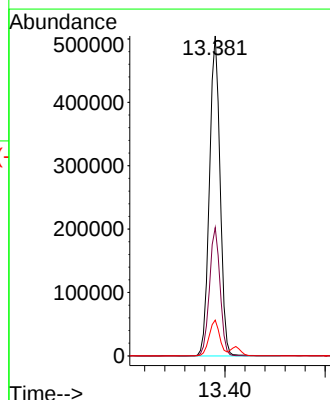
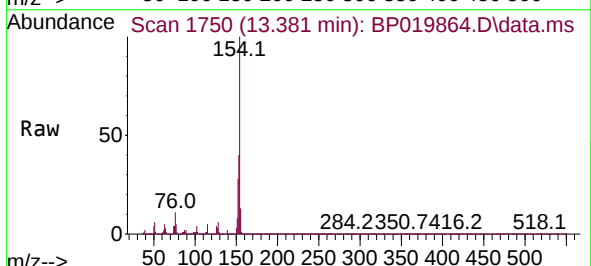
Tgt Ion:154 Resp: 741124

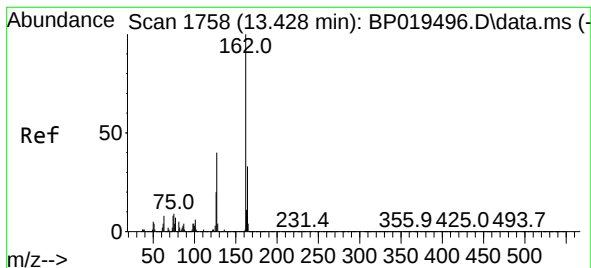
Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

76 11.2 0.0 31.6

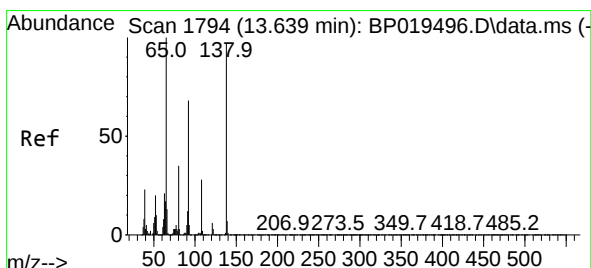
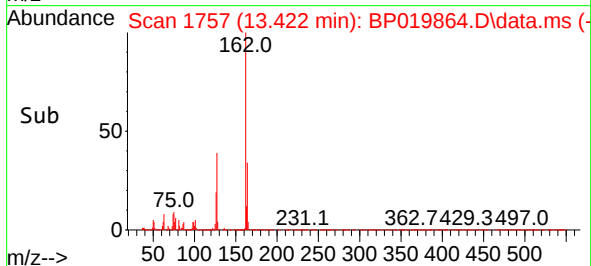
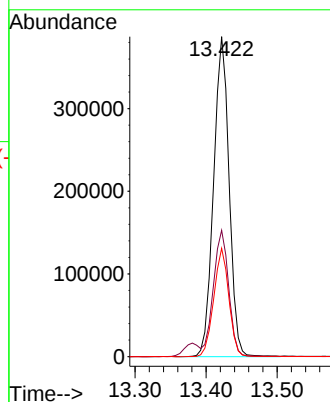
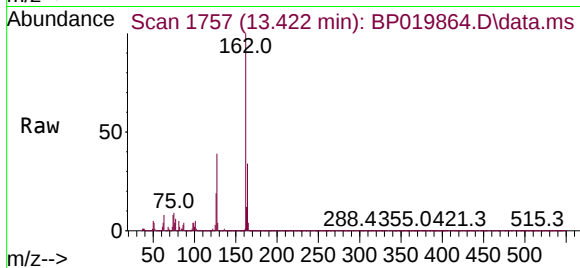




#47
2-Chloronaphthalene
Concen: 37.565 ng
RT: 13.422 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

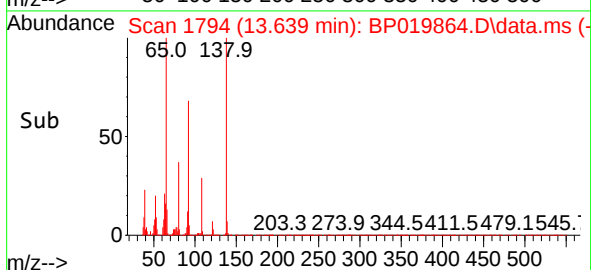
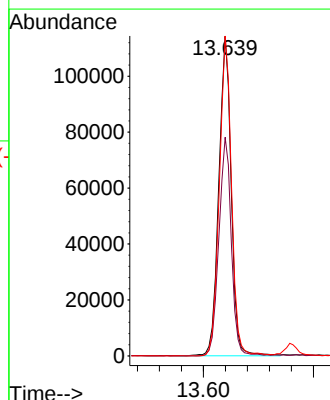
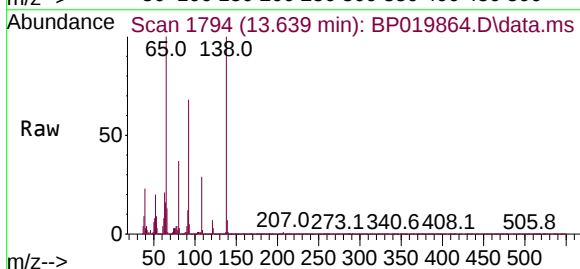
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

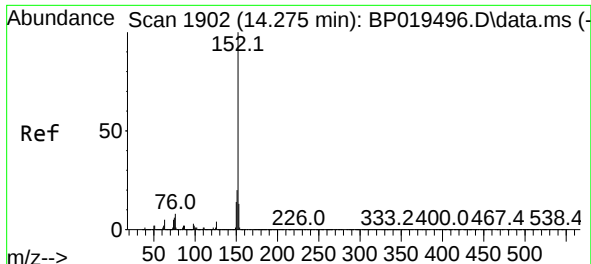
Tgt Ion:162 Resp: 588595
Ion Ratio Lower Upper
162 100
127 39.5 32.1 48.1
164 33.8 26.7 40.1



#48
2-Nitroaniline
Concen: 40.698 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion: 65 Resp: 178310
Ion Ratio Lower Upper
65 100
92 68.4 54.7 82.1
138 100.1 77.8 116.6

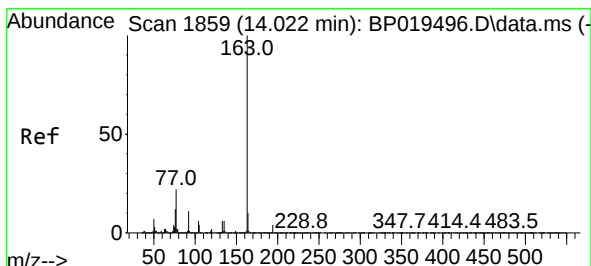
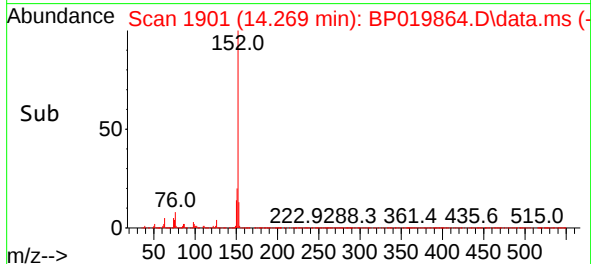
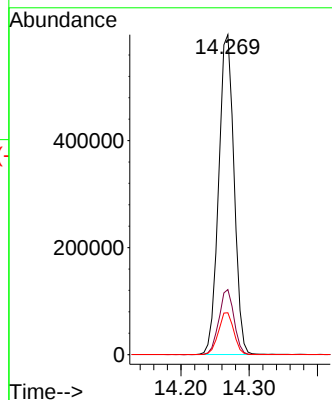
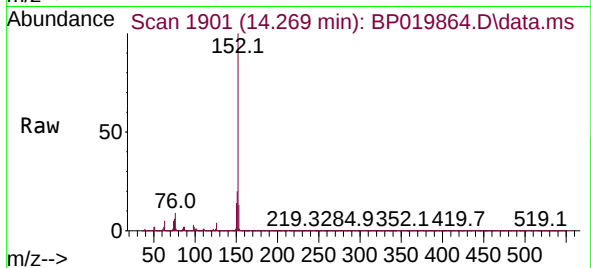




#49
Acenaphthylene
Concen: 42.346 ng
RT: 14.269 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

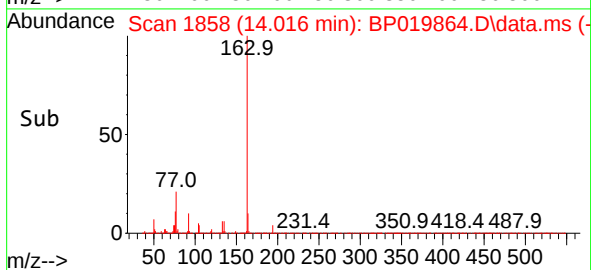
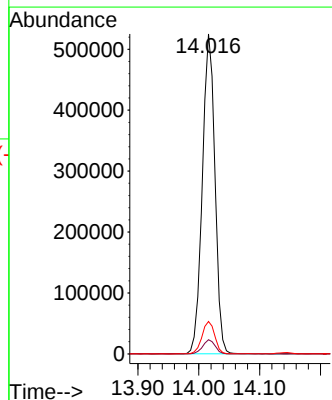
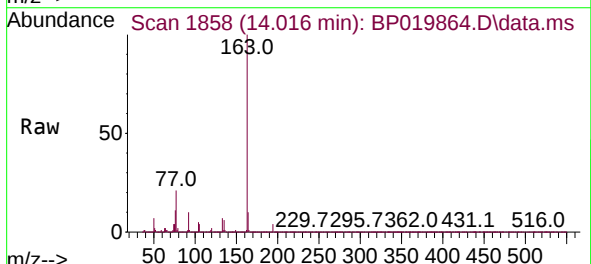
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

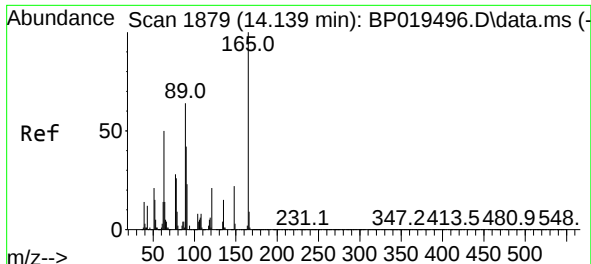
Tgt Ion:152 Resp: 930867
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.6
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 41.145 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:163 Resp: 753275
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 7.8 11.6

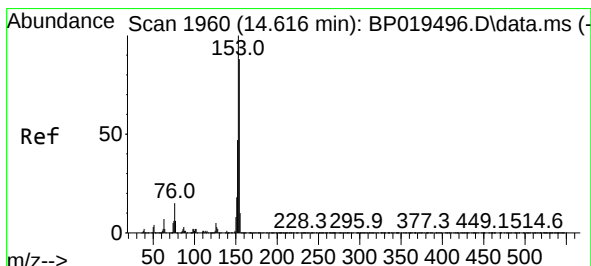
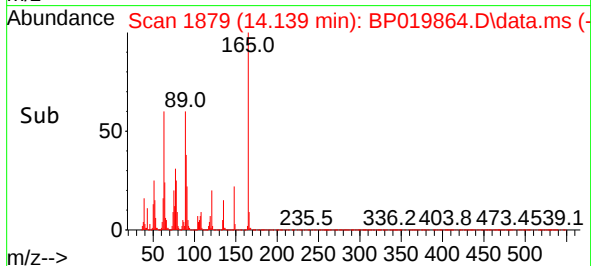
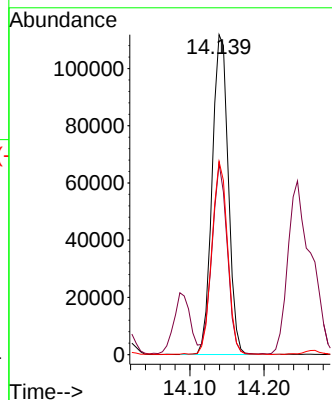
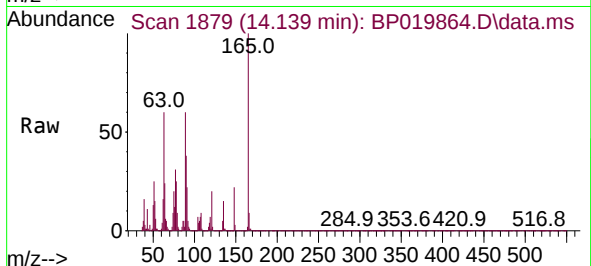




#51
2,6-Dinitrotoluene
Concen: 41.973 ng
RT: 14.139 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

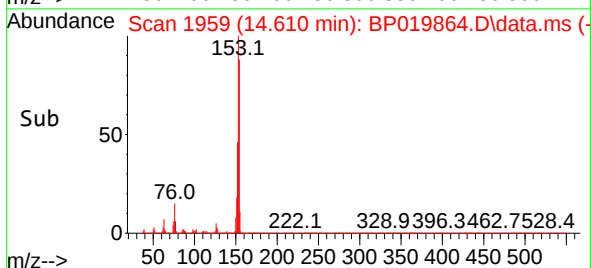
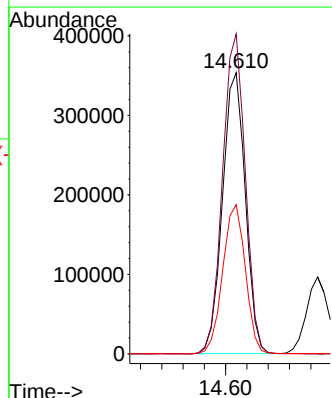
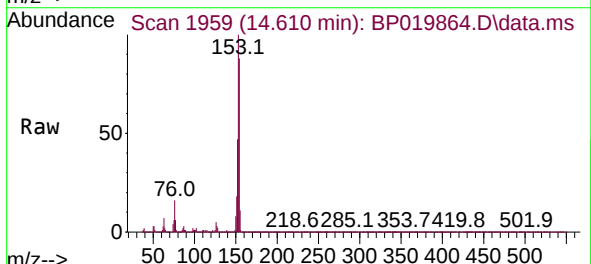
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

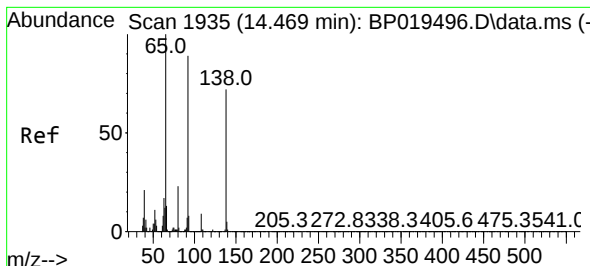
Tgt Ion:165 Resp: 168830
Ion Ratio Lower Upper
165 100
63 59.7 50.4 75.6
89 60.3 51.7 77.5



#52
Acenaphthene
Concen: 38.533 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:154 Resp: 525720
Ion Ratio Lower Upper
154 100
153 113.8 90.5 135.7
152 53.1 42.1 63.1

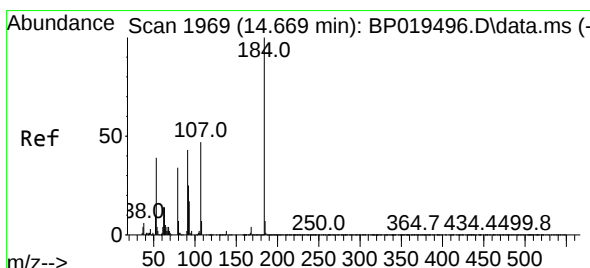
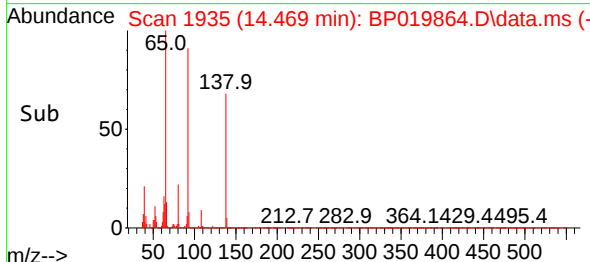
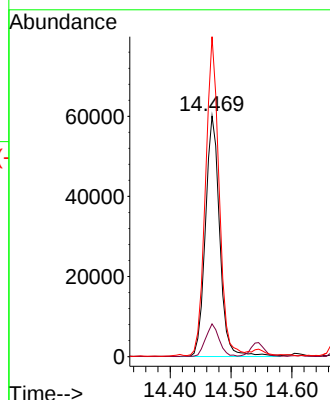
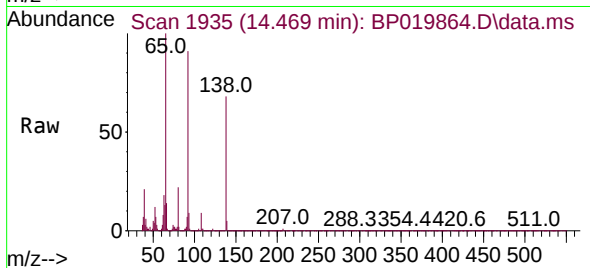




#53
3-Nitroaniline
Concen: 26.486 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

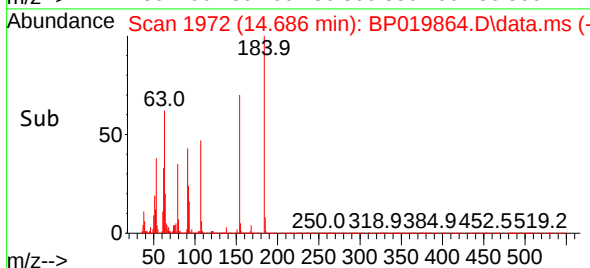
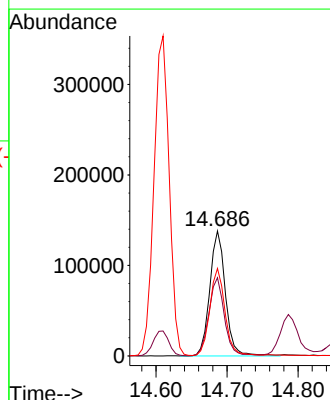
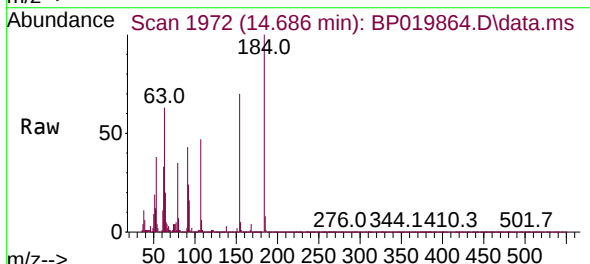
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

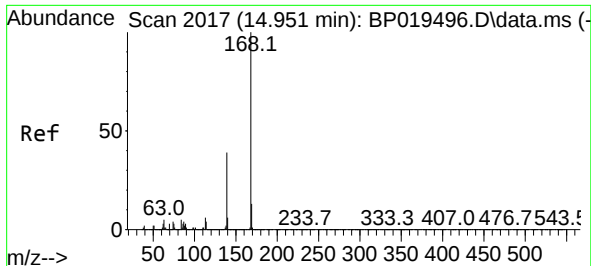
Tgt Ion:138 Resp: 97908
Ion Ratio Lower Upper
138 100
108 13.6 9.7 14.5
92 133.0 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 100.916 ng
RT: 14.686 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:184 Resp: 210758
Ion Ratio Lower Upper
184 100
63 62.6 50.5 75.7
154 70.0 53.4 80.0

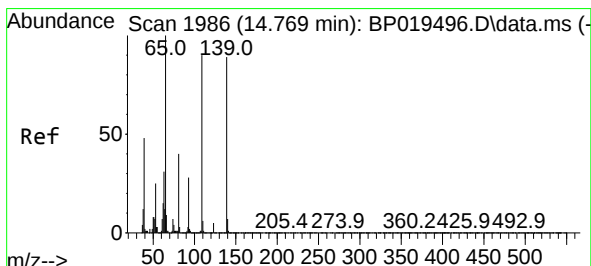
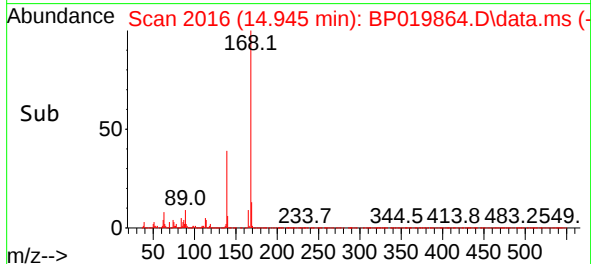
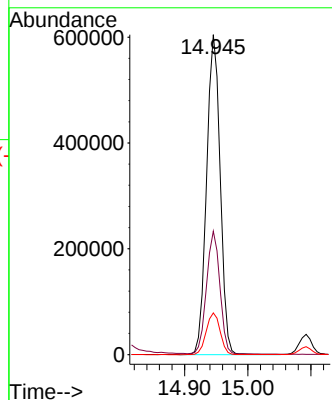
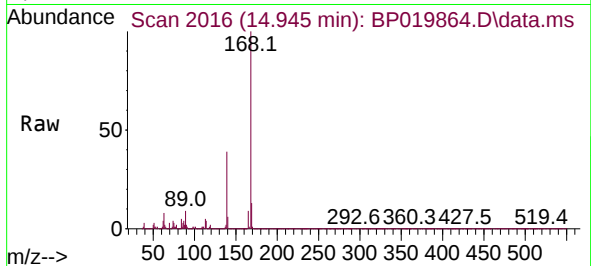




#55
Dibenzenofuran
Concen: 40.638 ng
RT: 14.945 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

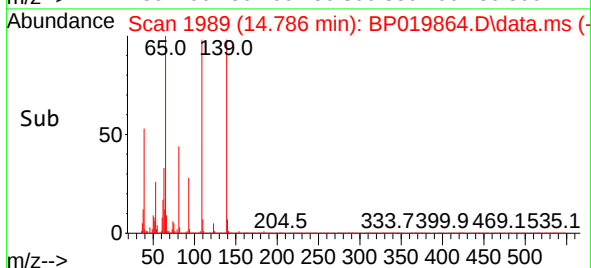
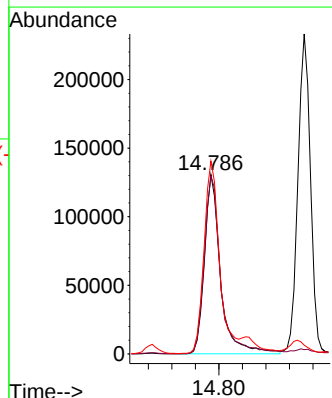
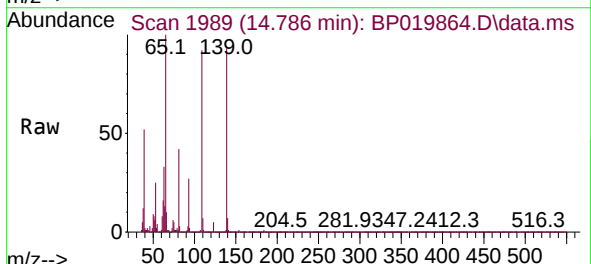
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

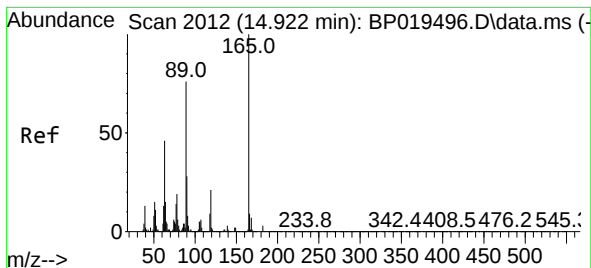
Tgt Ion:168 Resp: 903013
Ion Ratio Lower Upper
168 100
139 38.6 31.5 47.3
169 13.1 10.3 15.5



#56
4-Nitrophenol
Concen: 82.368 ng
RT: 14.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:139 Resp: 249559
Ion Ratio Lower Upper
139 100
109 99.3 82.0 122.0
65 107.6 92.9 132.9

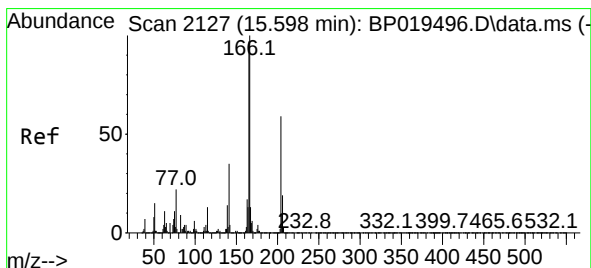
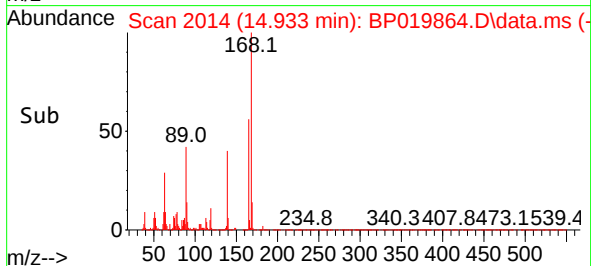
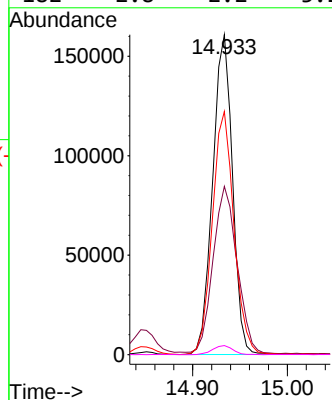
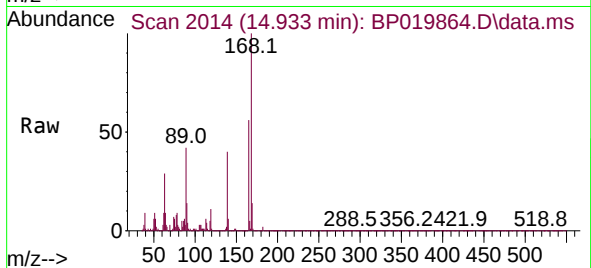




#57
2,4-Dinitrotoluene
Concen: 44.311 ng
RT: 14.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

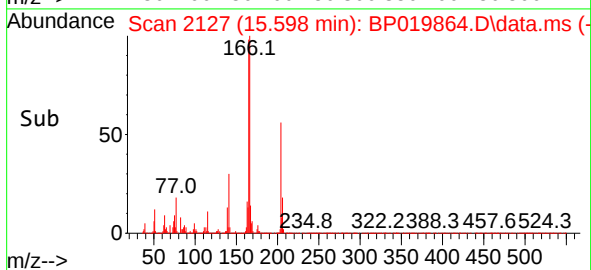
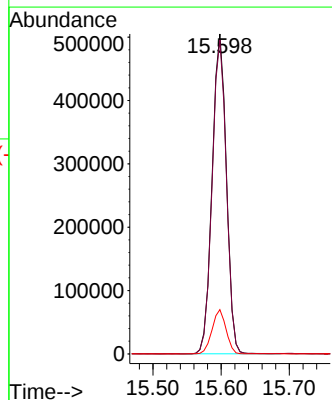
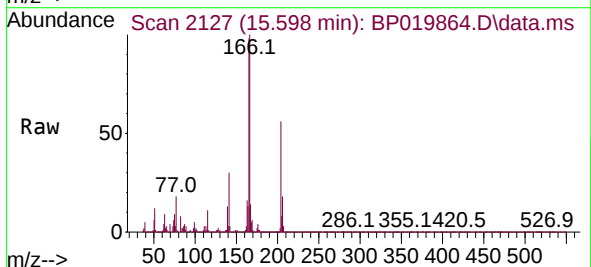
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

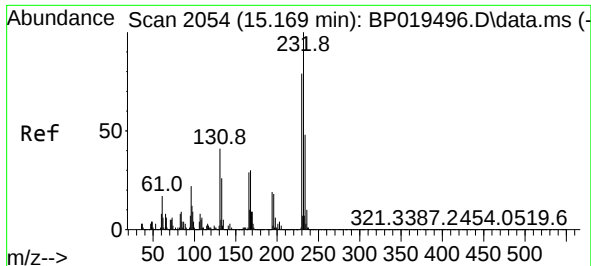
Tgt Ion:165 Resp: 233562
Ion Ratio Lower Upper
165 100
63 52.6 36.9 55.3
89 76.0 61.1 91.7
182 2.8 2.2 3.2



#58
Fluorene
Concen: 41.272 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:166 Resp: 730464
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.8
167 13.8 10.7 16.1

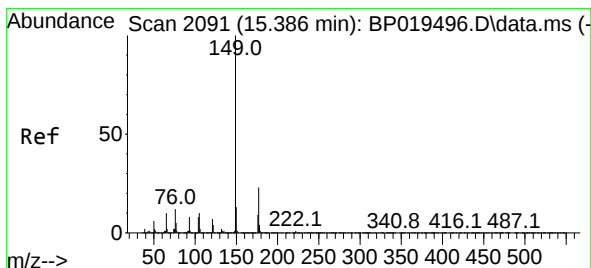
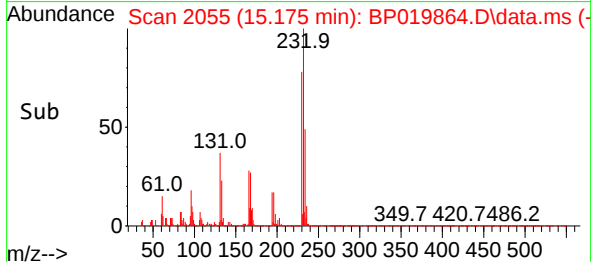
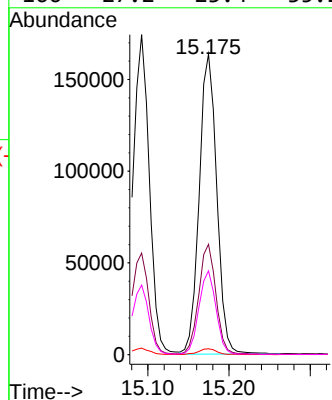
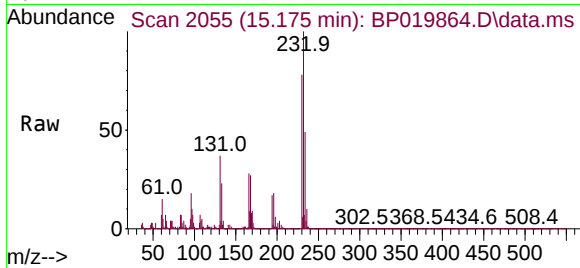




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.674 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

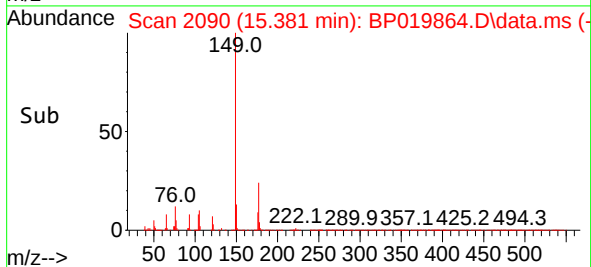
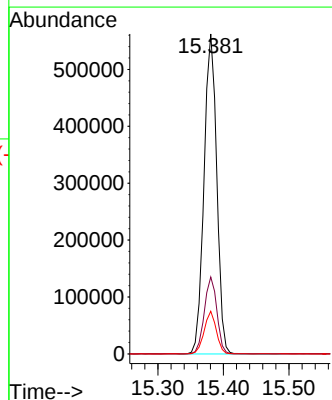
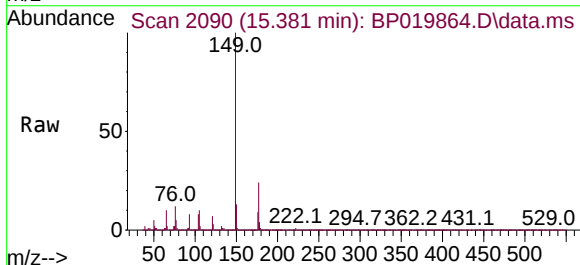
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

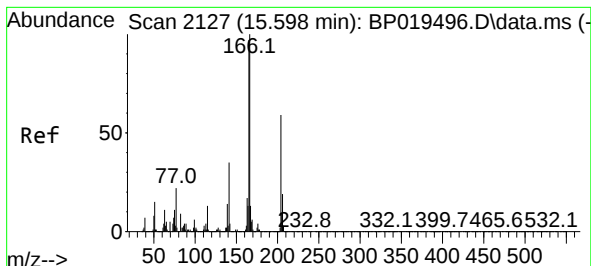
Tgt Ion:	232	Resp:	245917
Ion	Ratio	Lower	Upper
232	100		
131	36.0	32.4	48.6
130	2.0	1.9	2.9
166	27.2	23.4	35.2



#60
Diethylphthalate
Concen: 41.357 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:	149	Resp:	753101
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.2	27.2
150	13.3	10.2	15.4

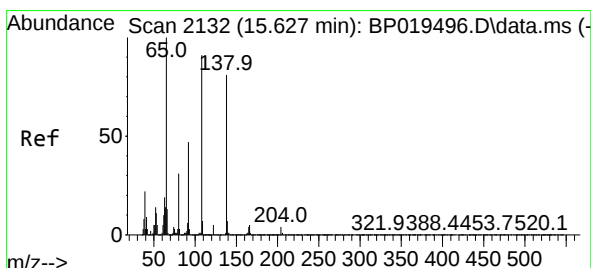
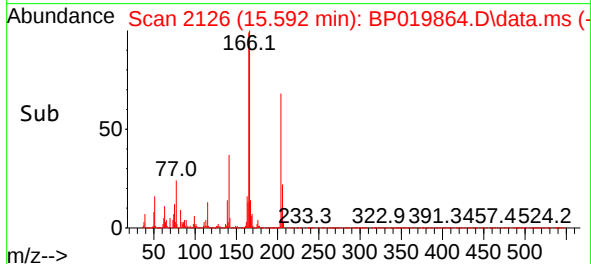
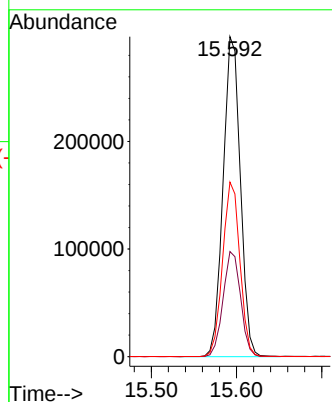
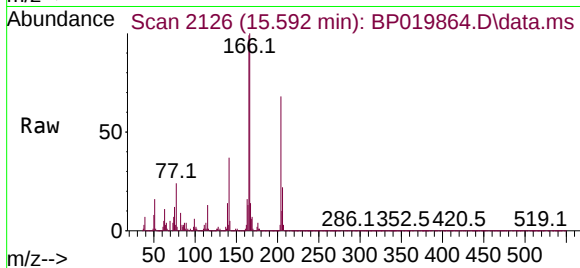




#61
4-Chlorophenyl-phenylether
Concen: 41.950 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

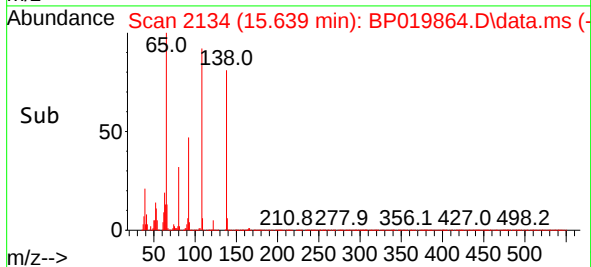
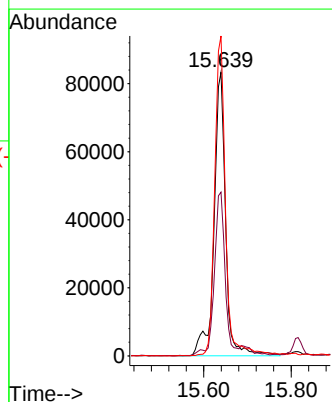
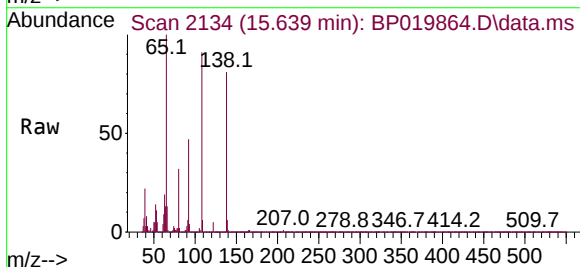
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

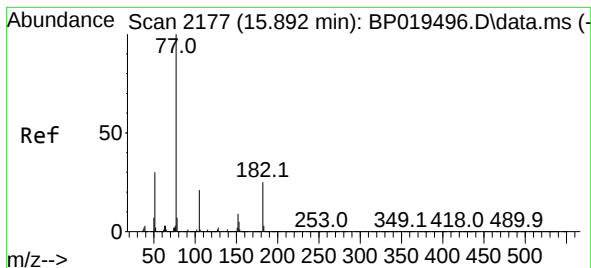
Tgt Ion:204 Resp: 417302
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 54.6 48.5 72.7



#62
4-Nitroaniline
Concen: 39.753 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:138 Resp: 154031
Ion Ratio Lower Upper
138 100
92 57.8 38.3 78.3
108 112.8 91.2 131.2





#63

Azobenzene

Concen: 39.114 ng

RT: 15.892 min Scan# 2177

Delta R.T. -0.000 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

Tgt Ion: 77 Resp: 688761

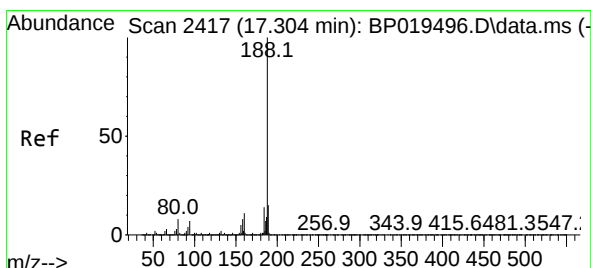
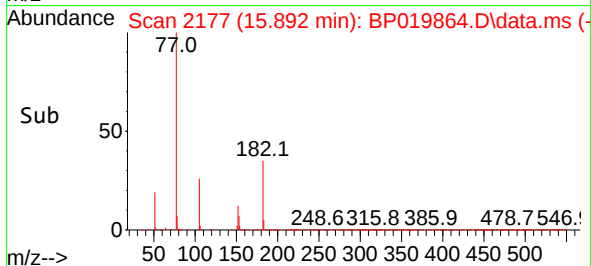
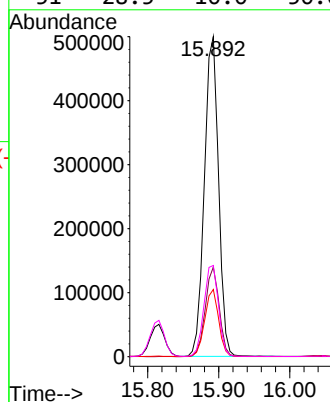
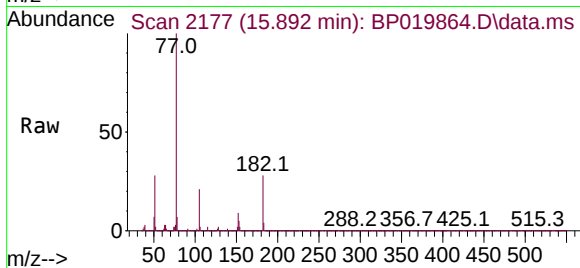
Ion Ratio Lower Upper

77 100

182 28.0 5.1 45.1

105 21.0 0.8 40.8

51 28.5 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

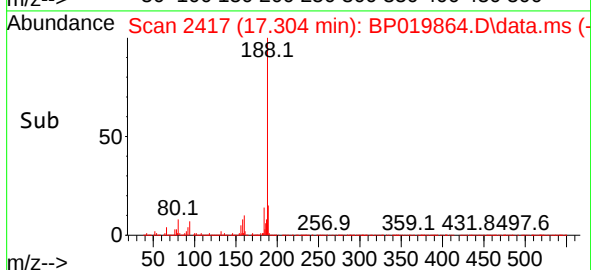
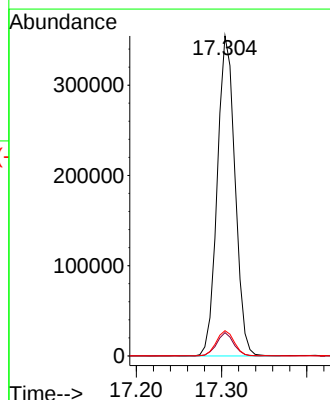
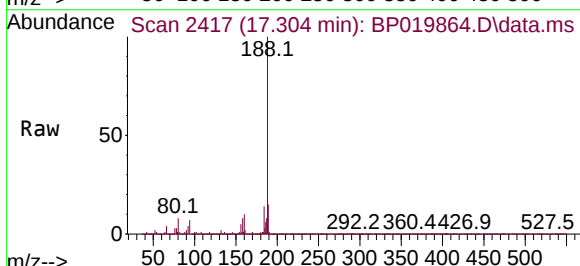
Tgt Ion: 188 Resp: 512042

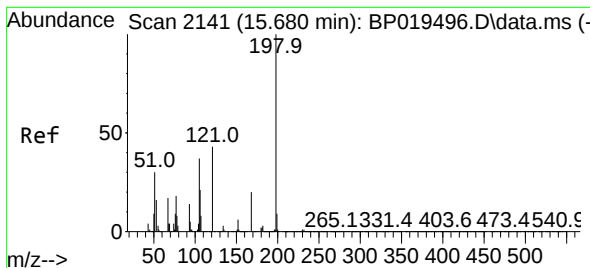
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 7.9 6.3 9.5

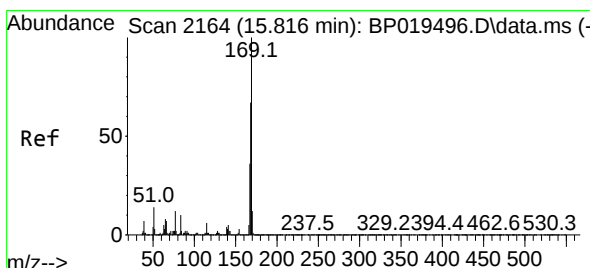
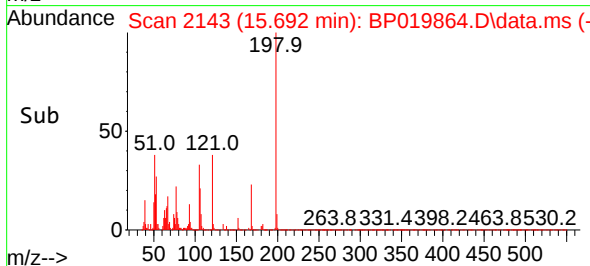
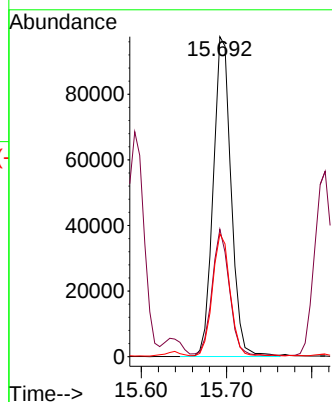
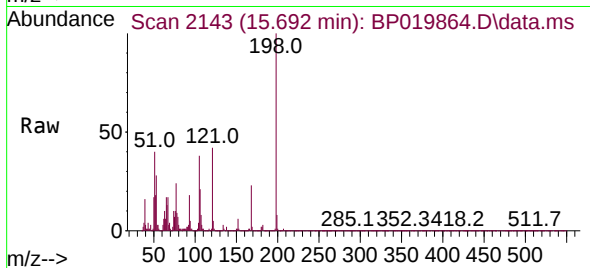




#65
4,6-Dinitro-2-methylphenol
Concen: 48.806 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

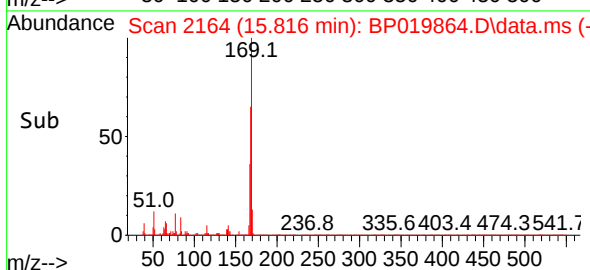
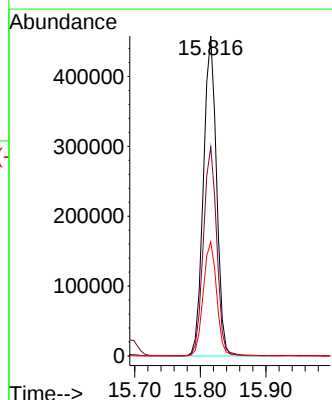
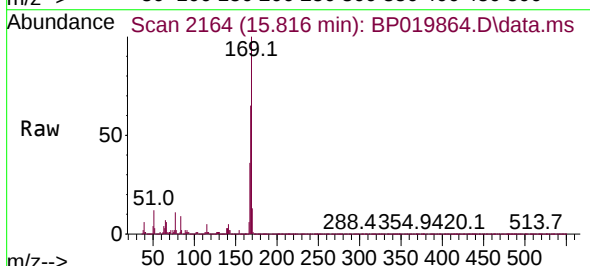
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

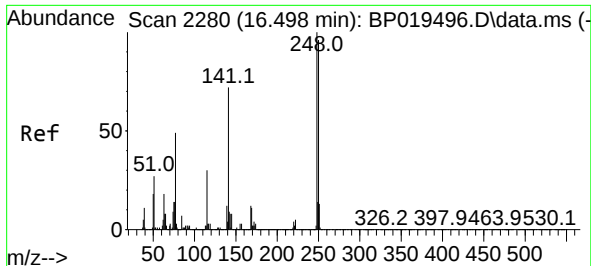
Tgt Ion:198 Resp: 142498
Ion Ratio Lower Upper
198 100
51 39.8 21.2 61.2
105 38.3 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 41.276 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:169 Resp: 632964
Ion Ratio Lower Upper
169 100
168 65.3 53.4 80.2
167 35.6 28.9 43.3

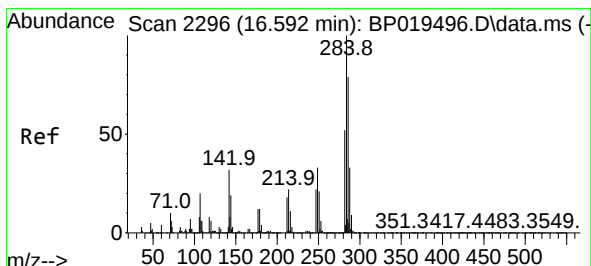
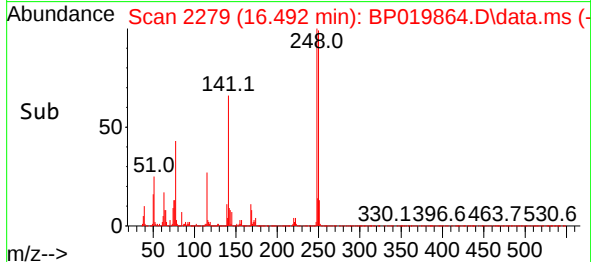
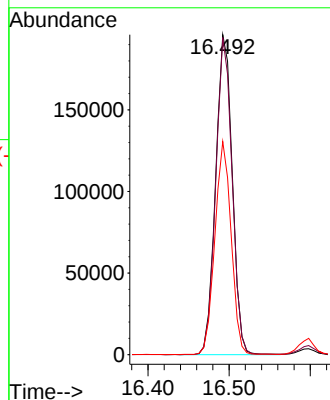
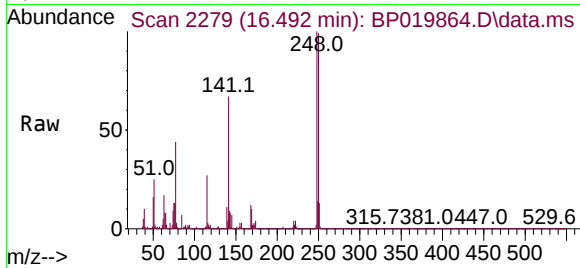




#67
4-Bromophenyl-phenylether
Concen: 43.521 ng
RT: 16.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

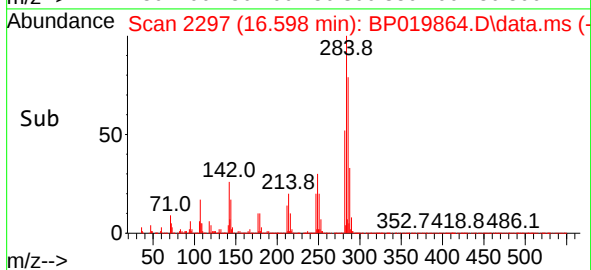
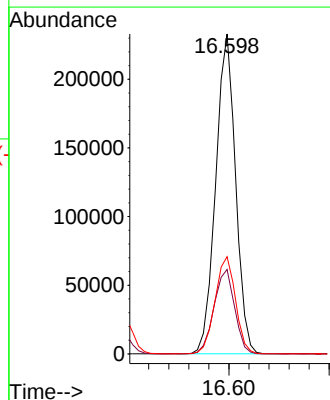
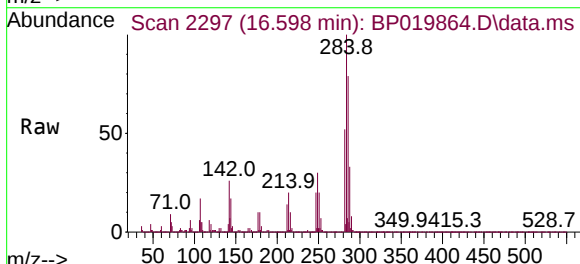
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

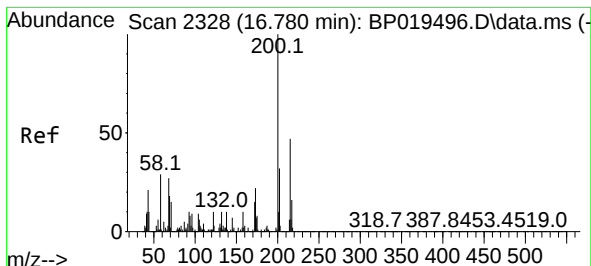
Tgt Ion:248 Resp: 278587
Ion Ratio Lower Upper
248 100
250 99.1 76.9 115.3
141 66.6 58.0 87.0



#68
Hexachlorobenzene
Concen: 42.962 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:284 Resp: 321144
Ion Ratio Lower Upper
284 100
142 26.4 25.4 38.2
249 30.4 26.5 39.7





#69

Atrazine

Concen: 50.272 ng

RT: 16.780 min Scan# 2328

Delta R.T. -0.006 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

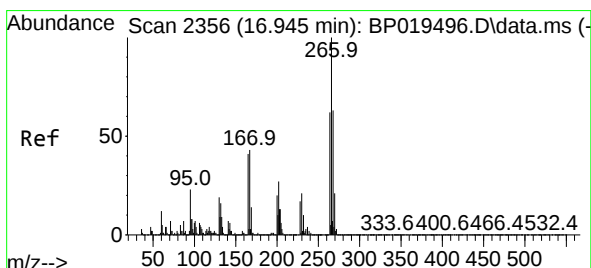
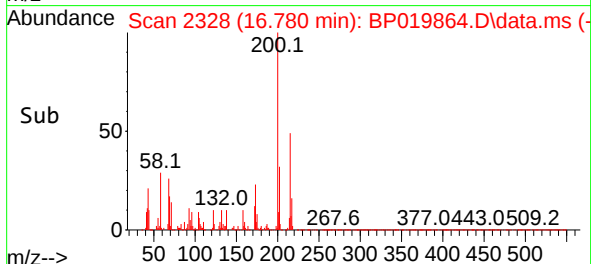
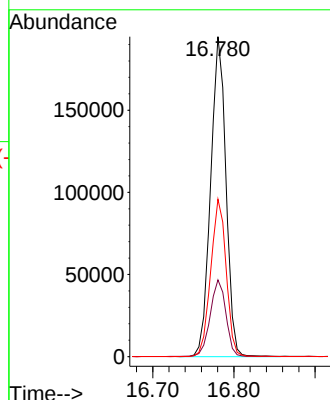
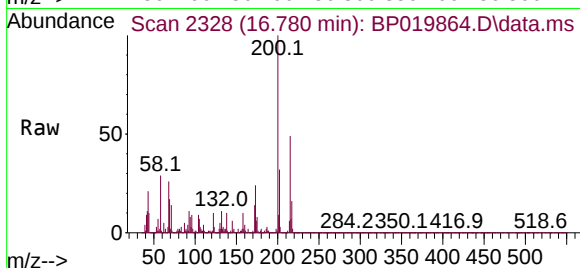
Tgt Ion:200 Resp: 255818

Ion Ratio Lower Upper

200 100

173 24.0 1.7 41.7

215 49.2 26.9 66.9



#70

Pentachlorophenol

Concen: 89.646 ng

RT: 16.951 min Scan# 2357

Delta R.T. -0.006 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

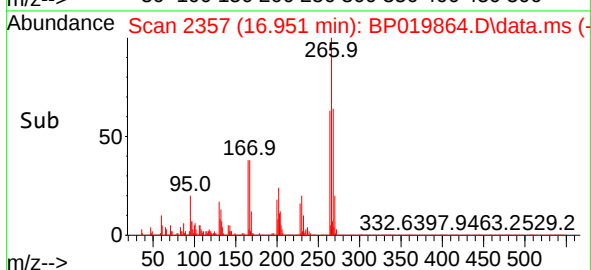
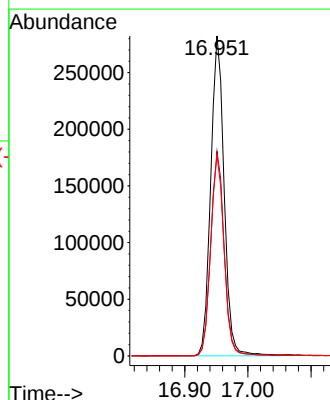
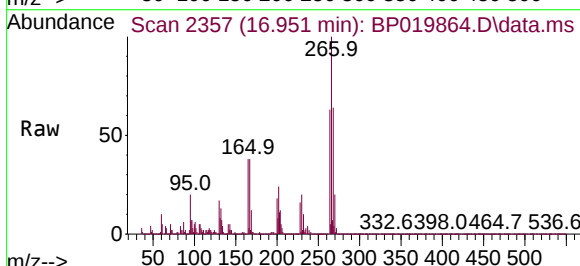
Tgt Ion:266 Resp: 417309

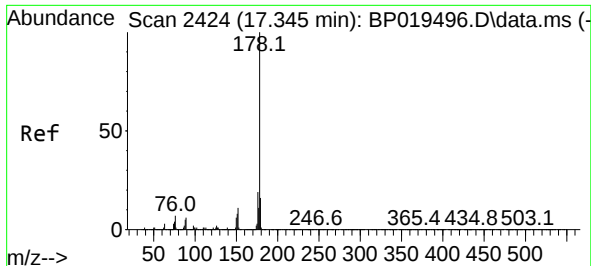
Ion Ratio Lower Upper

266 100

268 63.9 50.3 75.5

264 62.7 49.7 74.5

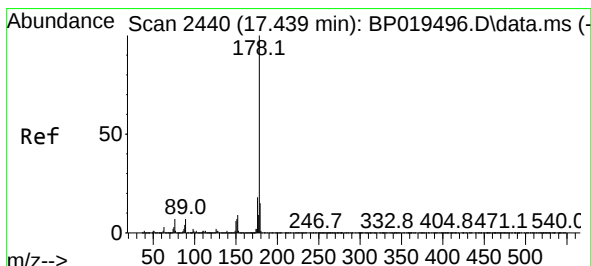
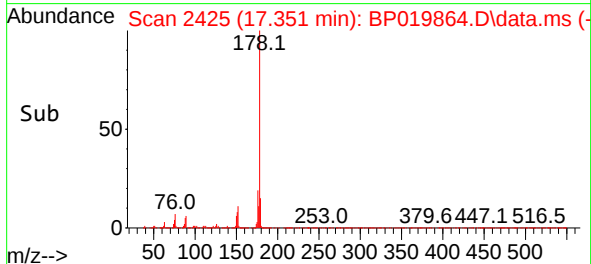
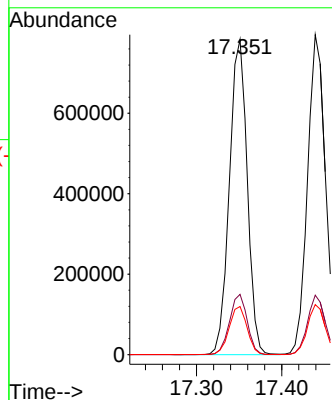
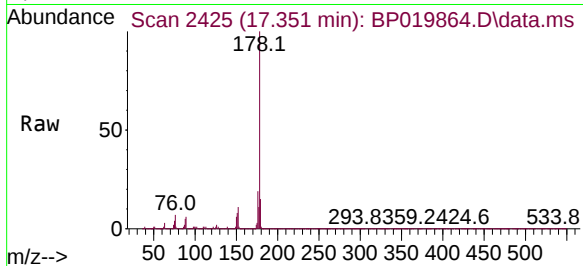




#71
Phenanthrene
Concen: 42.186 ng
RT: 17.351 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

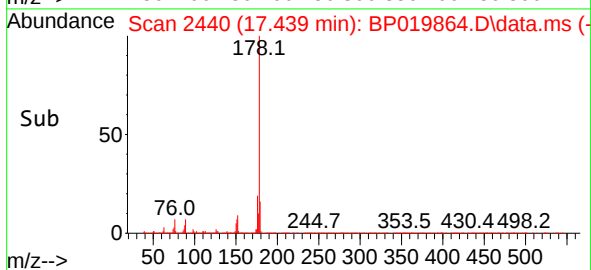
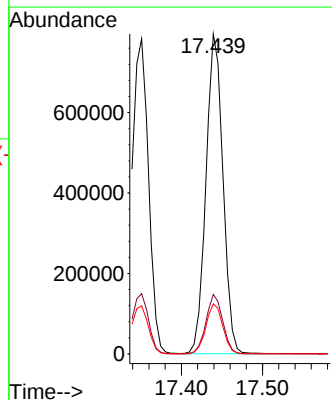
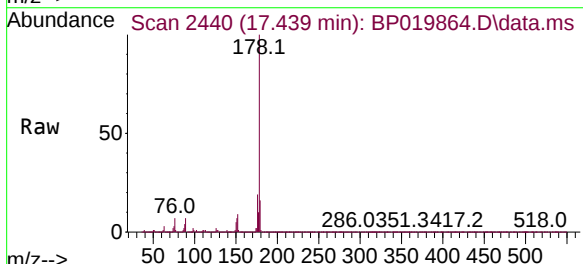
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

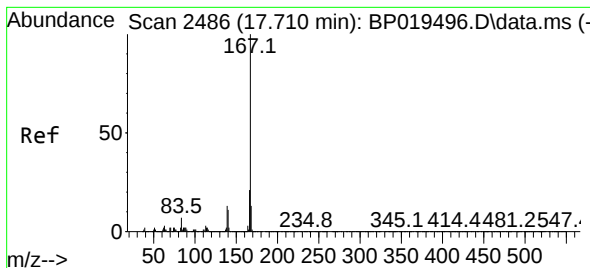
Tgt Ion:178 Resp: 1136778
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.3 12.6 19.0



#72
Anthracene
Concen: 42.971 ng
RT: 17.439 min Scan# 2440
Delta R.T. -0.012 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:178 Resp: 1155105
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.6 12.2 18.2





#73

Carbazole

Concen: 41.100 ng

RT: 17.722 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

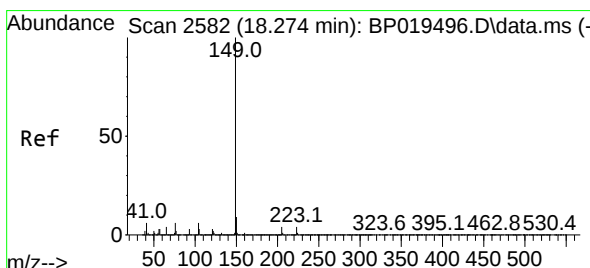
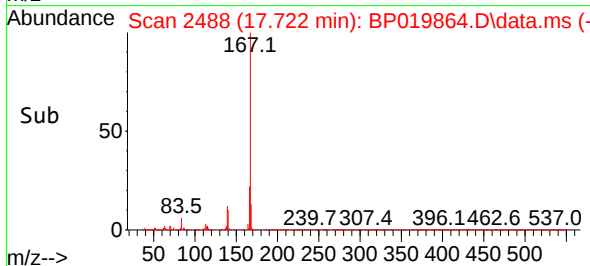
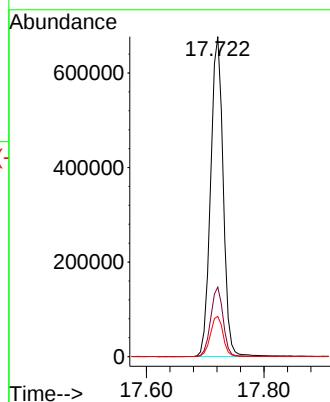
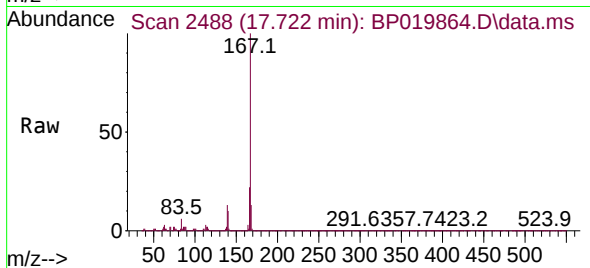
Tgt Ion:167 Resp: 1003676

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 12.6 10.6 15.8



#74

Di-n-butylphthalate

Concen: 42.380 ng

RT: 18.274 min Scan# 2582

Delta R.T. -0.006 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

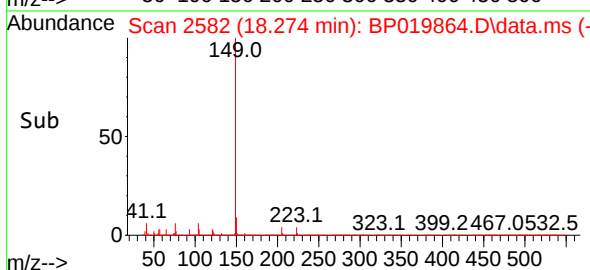
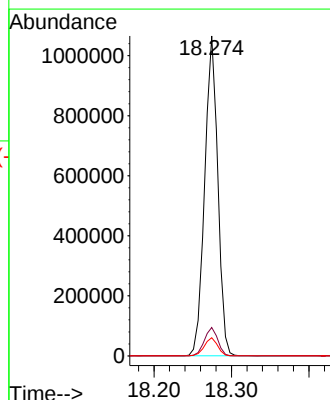
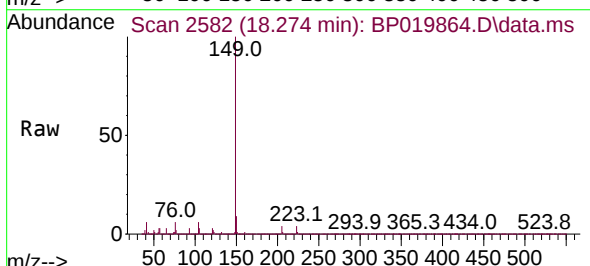
Tgt Ion:149 Resp: 1251346

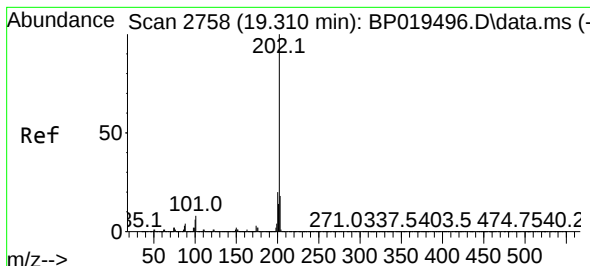
Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

104 5.7 4.8 7.2





#75

Fluoranthene

Concen: 42.254 ng

RT: 19.321 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

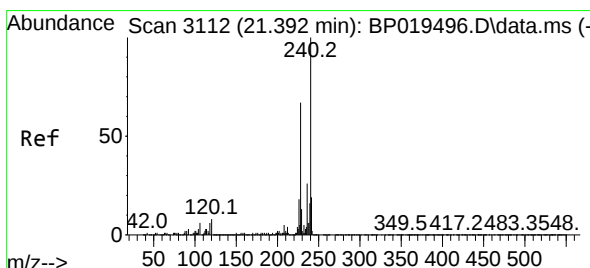
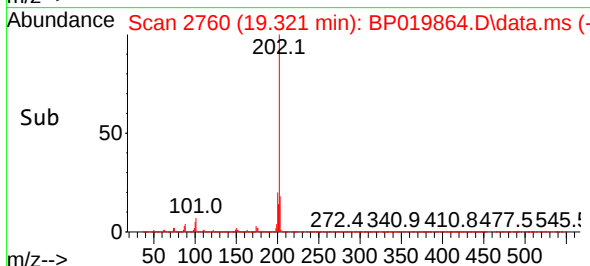
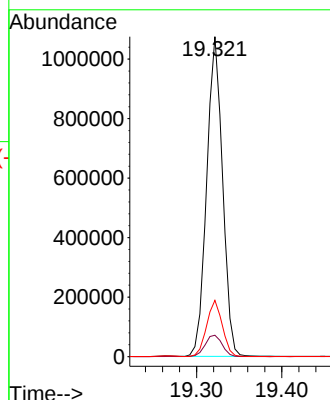
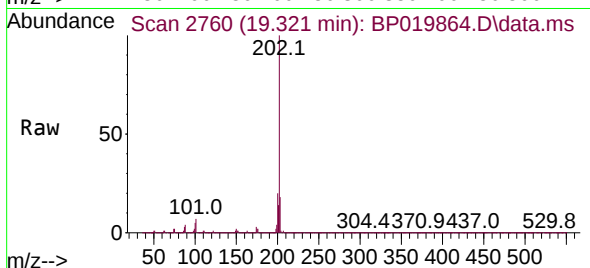
Tgt Ion:202 Resp: 1390940

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.7

203 17.6 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

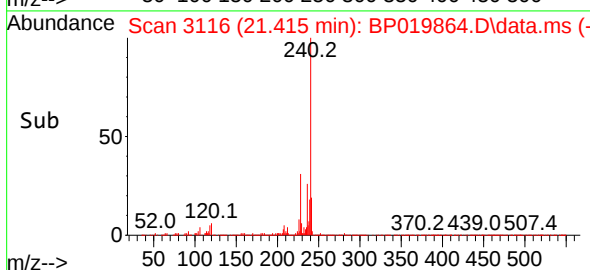
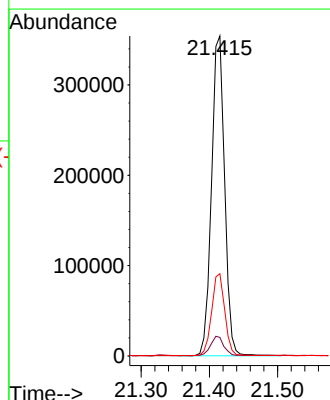
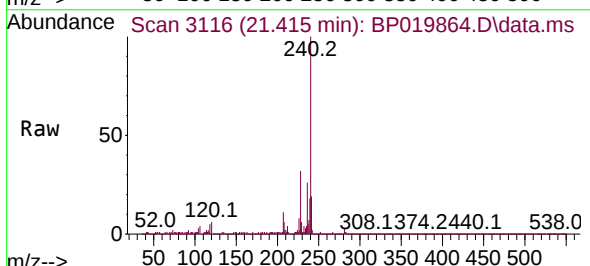
Tgt Ion:240 Resp: 471919

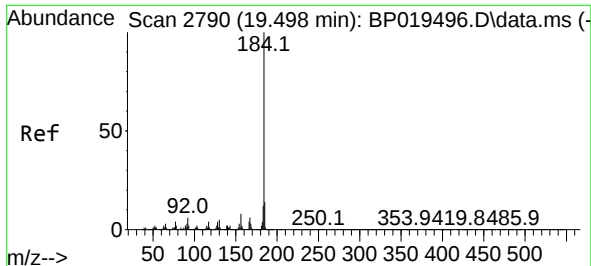
Ion Ratio Lower Upper

240 100

120 5.8 6.1 9.1#

236 25.7 20.7 31.1





#77

Benzidine

Concen: 52.150 ng

RT: 19.516 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

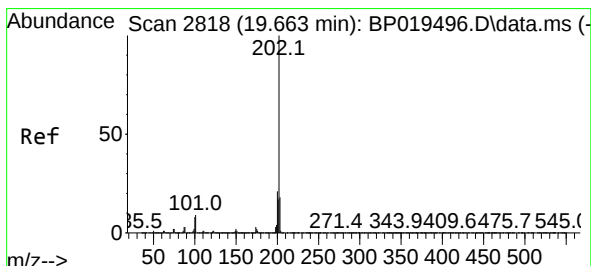
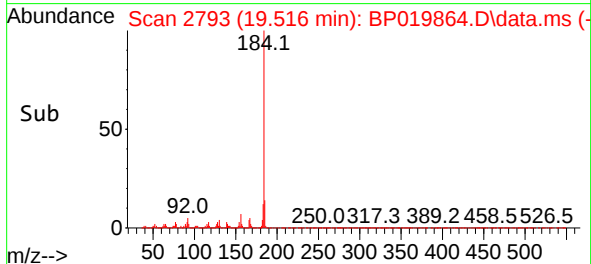
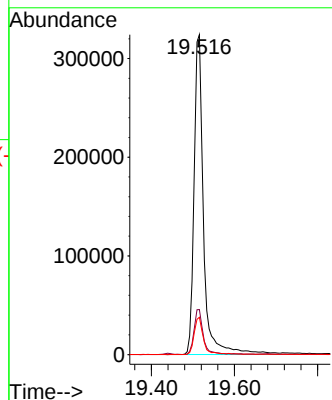
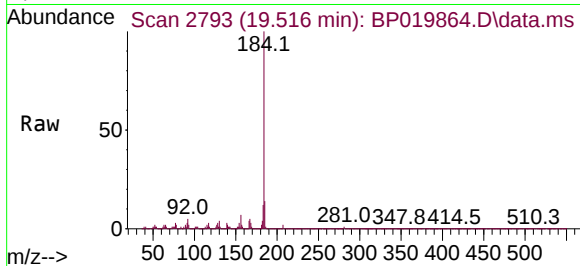
Tgt Ion:184 Resp: 514524

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

183 11.7 9.7 14.5



#78

Pyrene

Concen: 42.741 ng

RT: 19.674 min Scan# 2820

Delta R.T. -0.012 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

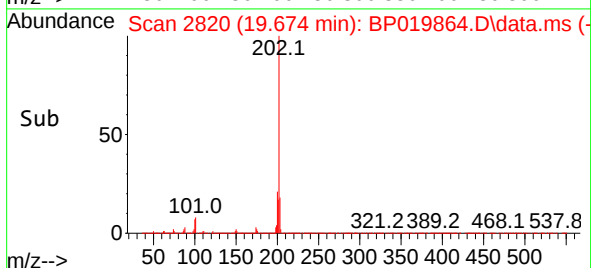
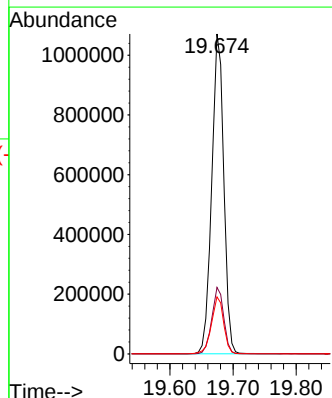
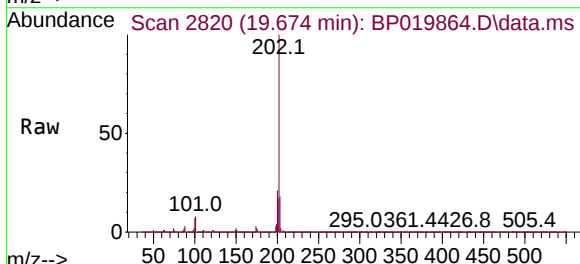
Tgt Ion:202 Resp: 1423527

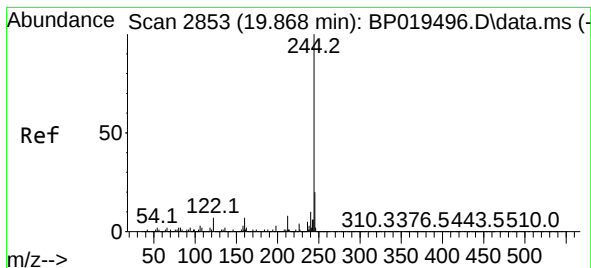
Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 56.726 ng

RT: 19.874 min Scan# 2853

Delta R.T. -0.018 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

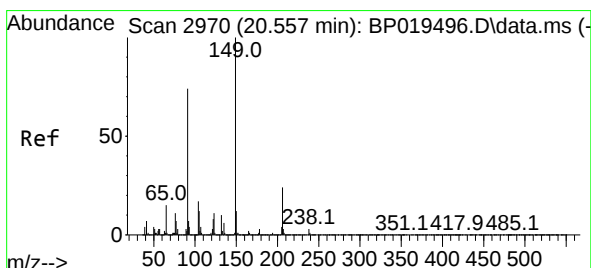
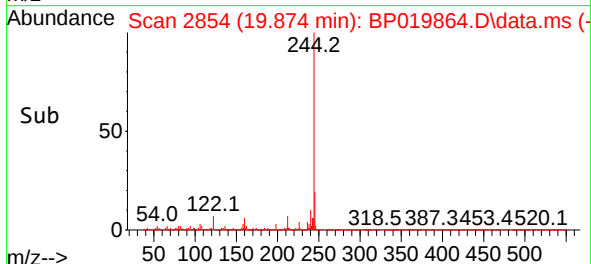
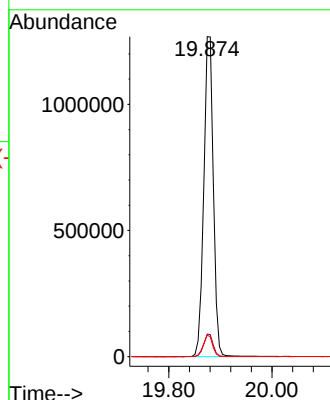
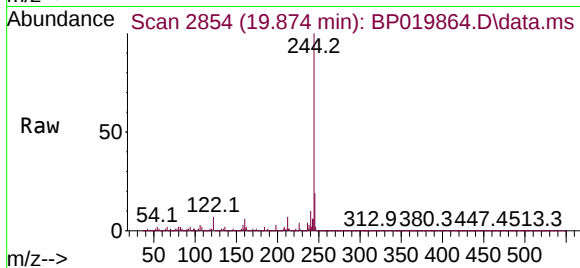
Tgt Ion:244 Resp: 1627812

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.7 5.9 8.9



#80

Butylbenzylphthalate

Concen: 43.064 ng

RT: 20.563 min Scan# 2971

Delta R.T. -0.012 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

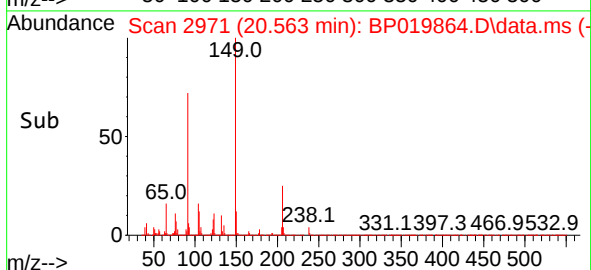
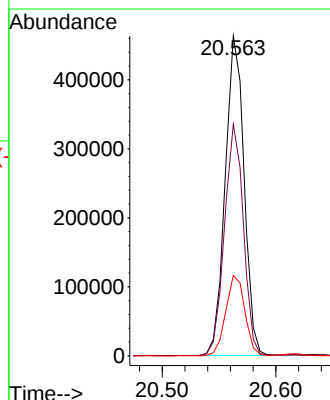
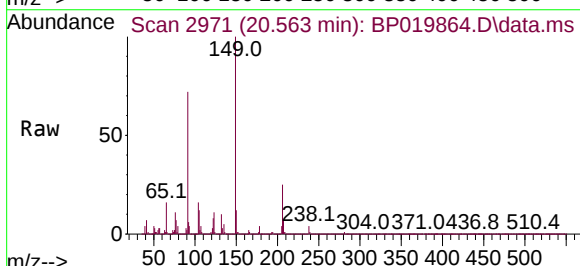
Tgt Ion:149 Resp: 535624

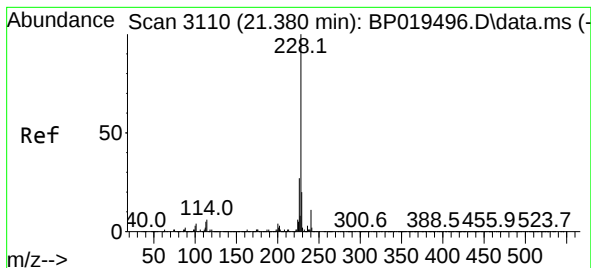
Ion Ratio Lower Upper

149 100

91 72.4 59.4 89.0

206 25.2 19.0 28.6





#81

Benzo(a)anthracene

Concen: 42.269 ng

RT: 21.398 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

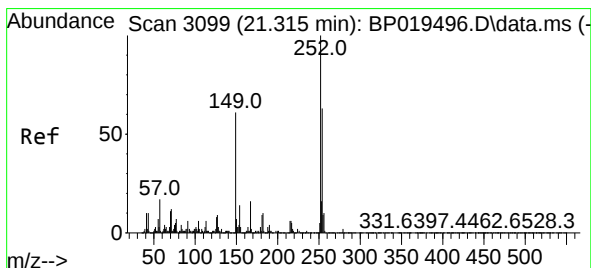
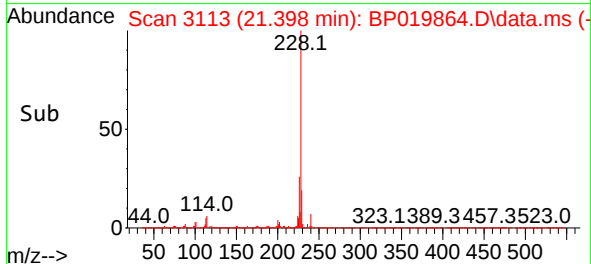
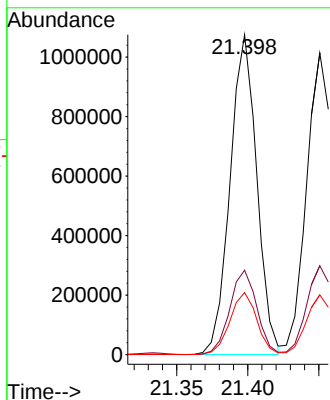
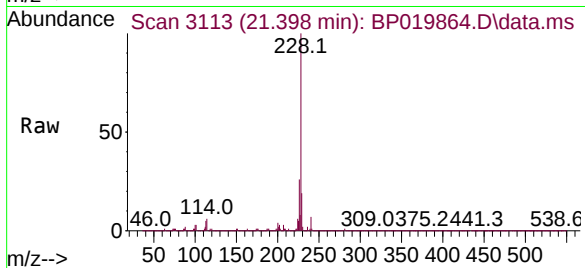
Tgt Ion:228 Resp: 1404159

Ion Ratio Lower Upper

228 100

226 26.4 21.7 32.5

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 35.544 ng

RT: 21.333 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

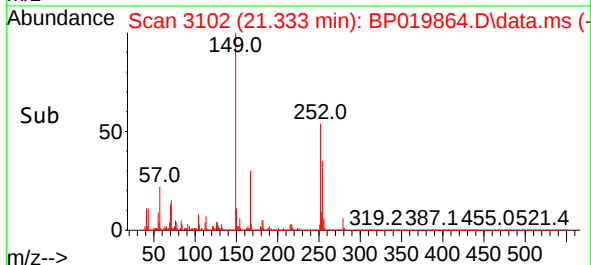
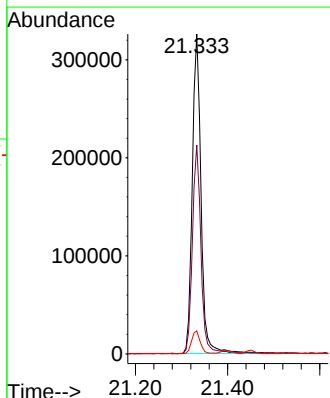
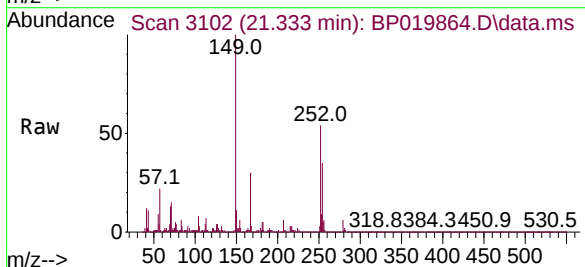
Tgt Ion:252 Resp: 430264

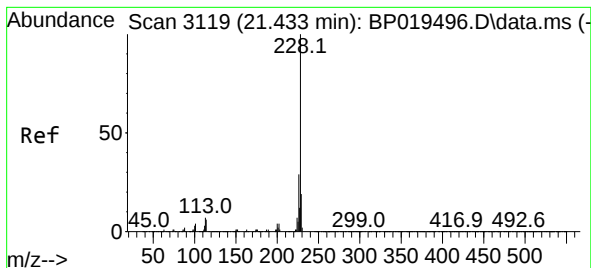
Ion Ratio Lower Upper

252 100

254 65.3 50.7 76.1

126 7.2 6.4 9.6





#83

Chrysene

Concen: 41.945 ng

RT: 21.451 min Scan# 3119

Delta R.T. -0.018 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

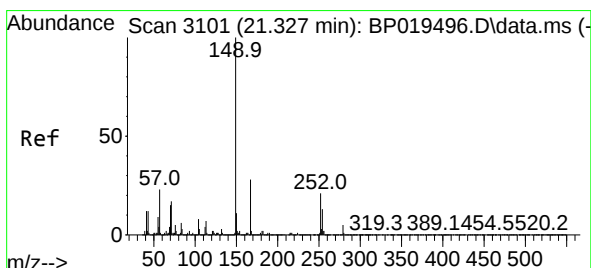
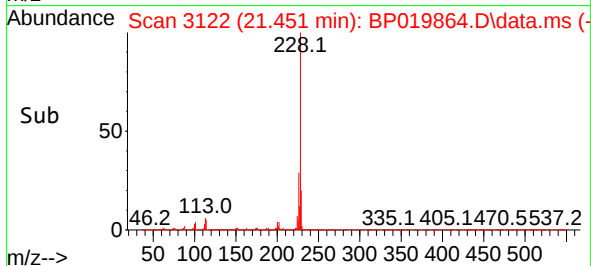
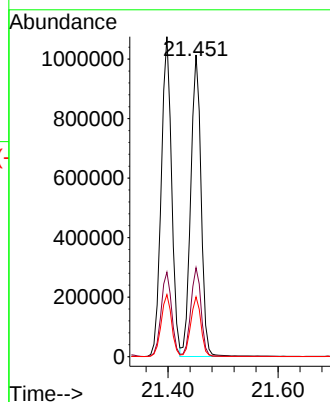
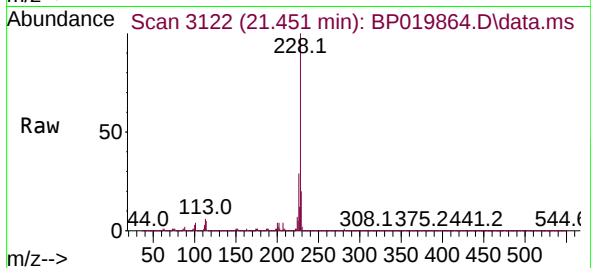
Tgt Ion:228 Resp: 1322899

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.726 ng

RT: 21.327 min Scan# 3101

Delta R.T. -0.018 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

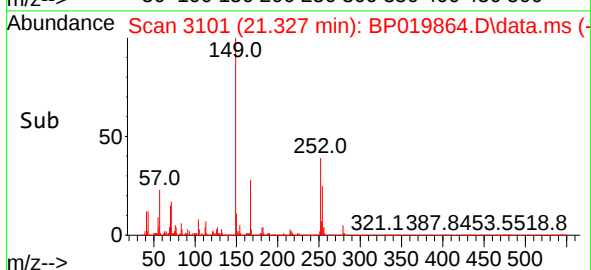
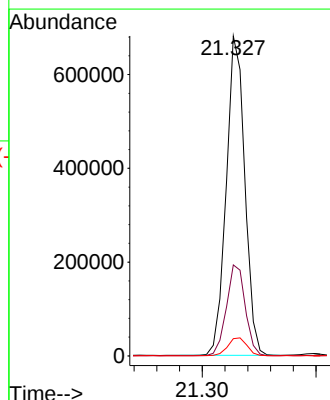
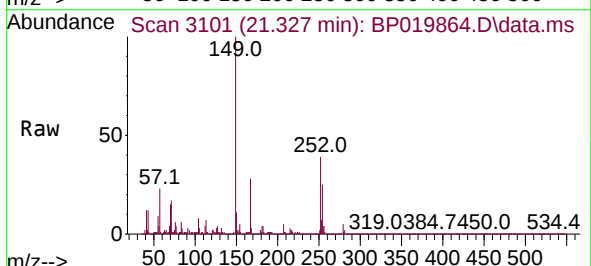
Tgt Ion:149 Resp: 771352

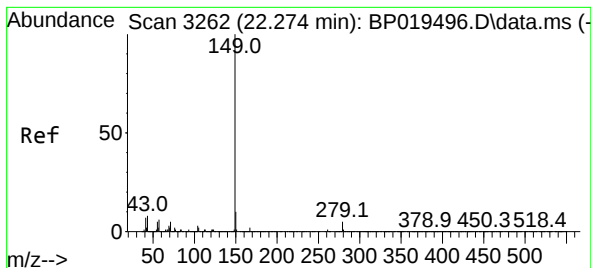
Ion Ratio Lower Upper

149 100

167 28.4 22.7 34.1

279 5.4 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 39.310 ng

RT: 22.274 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

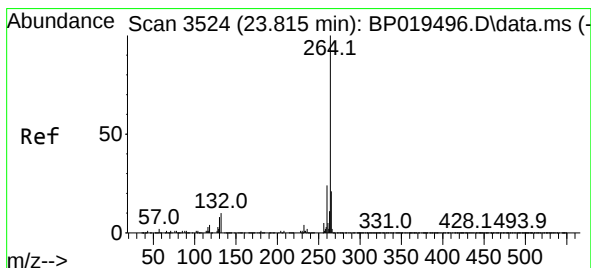
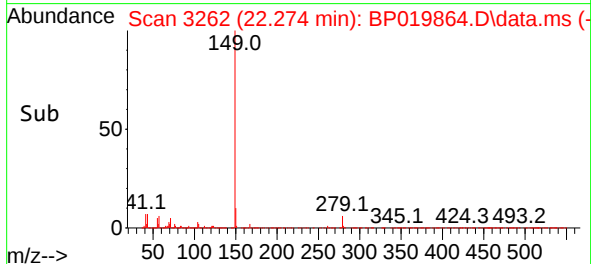
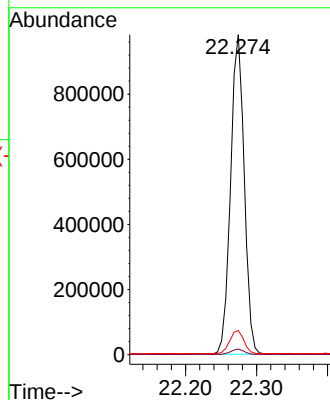
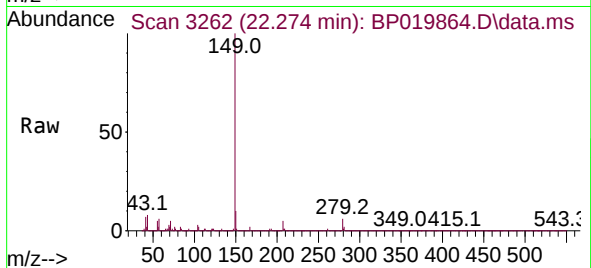
Tgt Ion:149 Resp: 1309947

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.845 min Scan# 3529

Delta R.T. -0.024 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

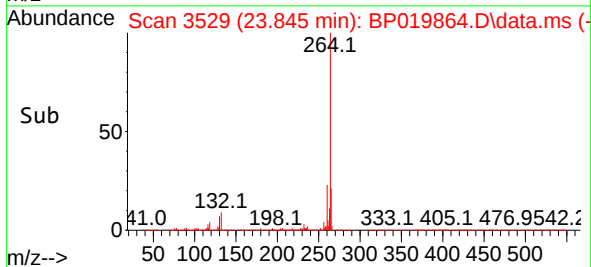
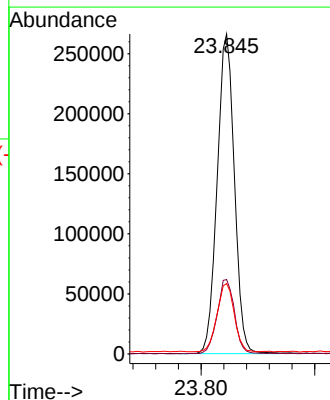
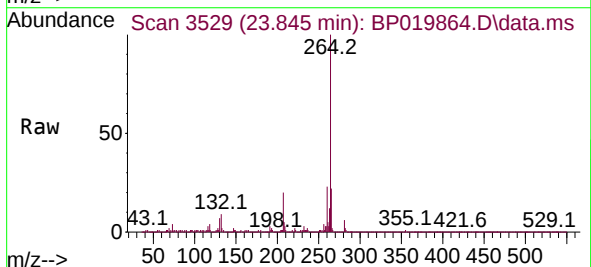
Tgt Ion:264 Resp: 559278

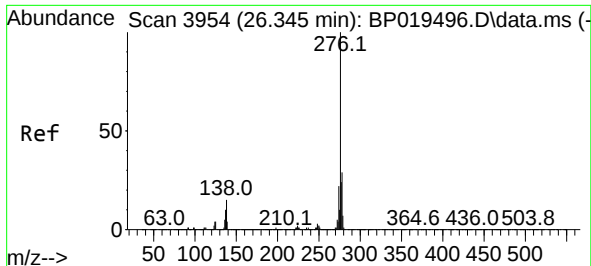
Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.0 17.0 25.4



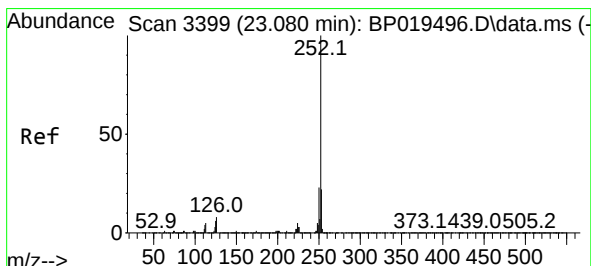
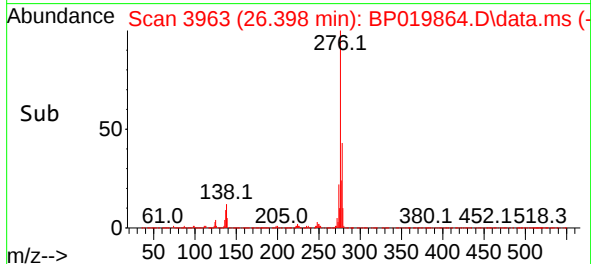
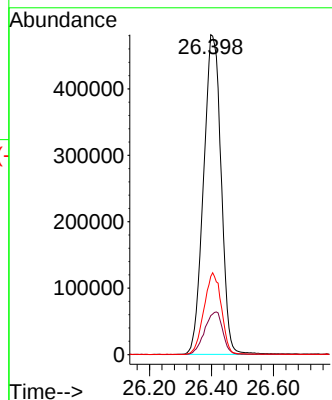
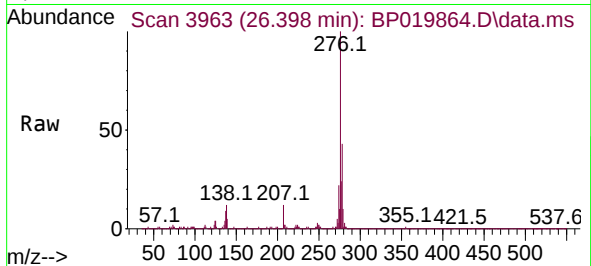


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.138 ng
 RT: 26.398 min Scan# 3954
 Delta R.T. -0.036 min
 Lab File: BP019864.D
 Acq: 24 Feb 2024 16:25

Instrument :
 BNA_P
 ClientSampleId :
 LKWD-BACKFILL-10MSD

Tgt Ion:276 Resp: 1889574

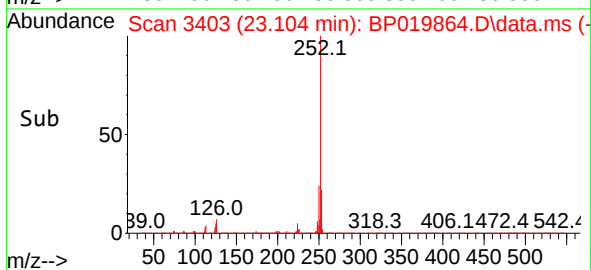
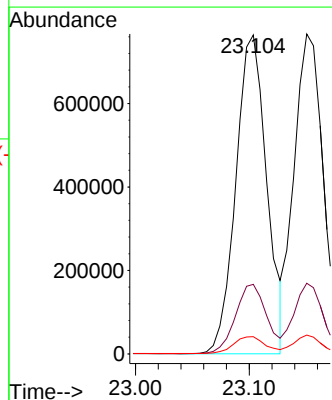
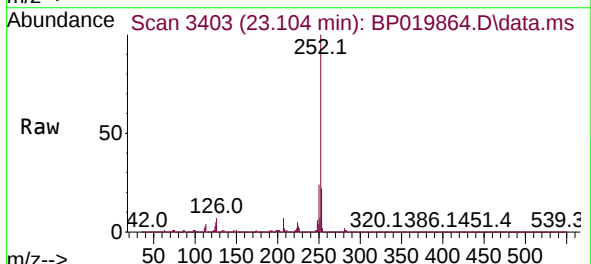
Ion	Ratio	Lower	Upper
276	100		
138	13.7	13.1	19.7
277	25.3	20.3	30.5

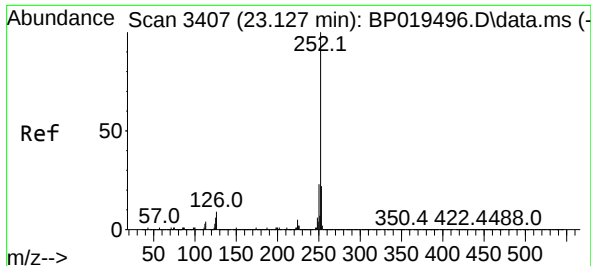


#88
 Benzo(b)fluoranthene
 Concen: 40.936 ng
 RT: 23.104 min Scan# 3403
 Delta R.T. -0.024 min
 Lab File: BP019864.D
 Acq: 24 Feb 2024 16:25

Tgt Ion:252 Resp: 1442954

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	5.4	4.9	7.3

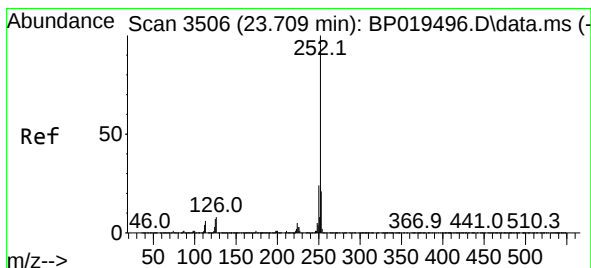
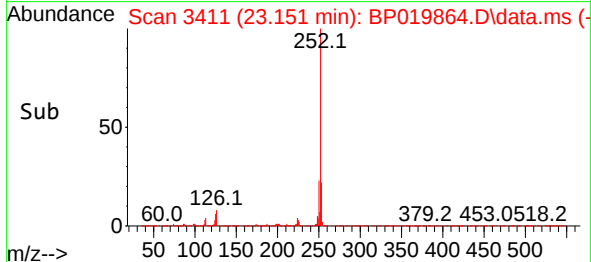
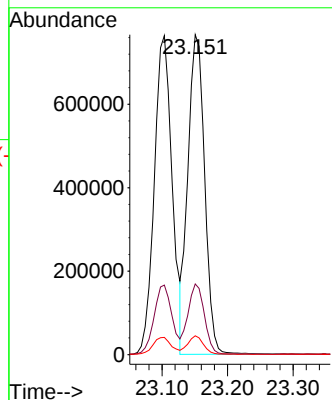
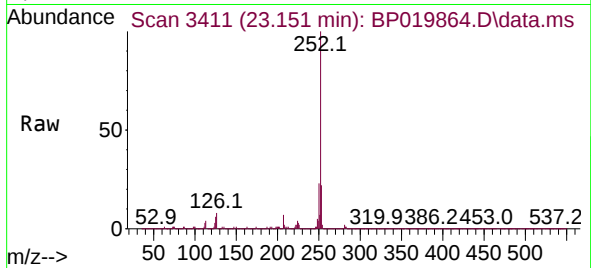




#89
Benzo(k)fluoranthene
Concen: 40.545 ng
RT: 23.151 min Scan# 3411
Delta R.T. -0.024 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

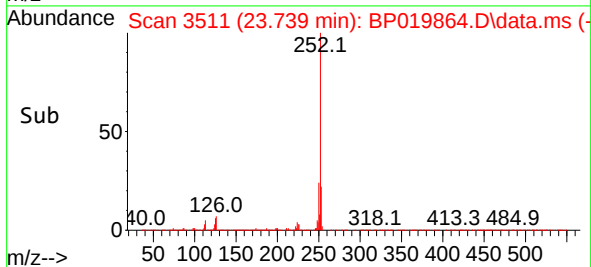
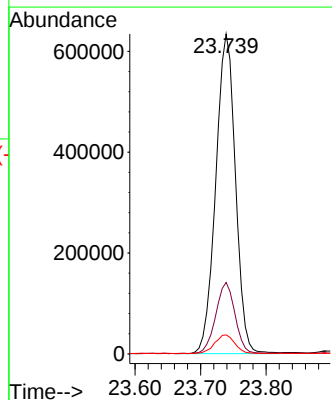
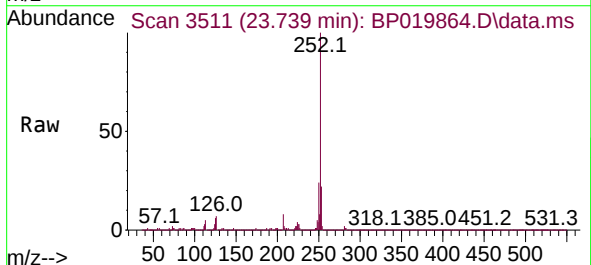
Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MSD

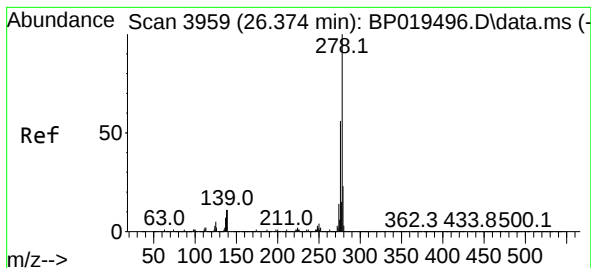
Tgt Ion:252 Resp: 1365178
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 5.9 5.0 7.6



#90
Benzo(a)pyrene
Concen: 42.260 ng
RT: 23.739 min Scan# 3511
Delta R.T. -0.024 min
Lab File: BP019864.D
Acq: 24 Feb 2024 16:25

Tgt Ion:252 Resp: 1325421
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 5.9 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 44.241 ng

RT: 26.421 min Scan# 3959

Delta R.T. -0.036 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Instrument :

BNA_P

ClientSampleId :

LKWD-BACKFILL-10MSD

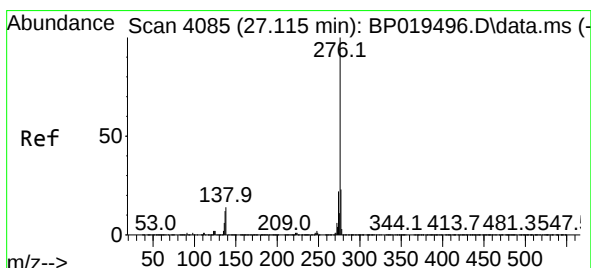
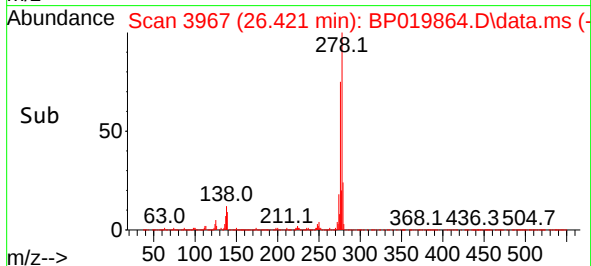
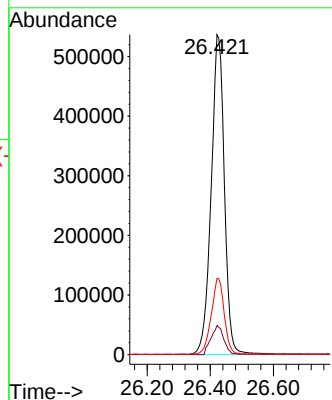
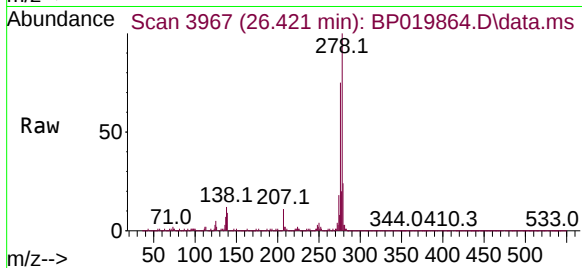
Tgt Ion:278 Resp: 1557720

Ion Ratio Lower Upper

278 100

139 9.1 8.6 12.8

279 23.8 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 41.379 ng

RT: 27.192 min Scan# 4098

Delta R.T. -0.024 min

Lab File: BP019864.D

Acq: 24 Feb 2024 16:25

Tgt Ion:276 Resp: 1478094

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 11.0 10.9 16.3

