

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019662.D
 Acq On : 12 Feb 2024 14:46
 Operator : MA/JU
 Sample : P1394-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3(4-5)MSD

Quant Time: Feb 12 15:14:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	77645	20.000	ng	-0.01
21) Naphthalene-d8	10.705	136	268125	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	171453	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	404386	20.000	ng	0.00
76) Chrysene-d12	21.392	240	449752	20.000	ng	0.00
86) Perylene-d12	23.810	264	532604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	418680	86.919	ng	0.00
7) Phenol-d6	7.081	99	542842	83.579	ng	0.00
23) Nitrobenzene-d5	9.075	82	361264	58.384	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	286614	114.493	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	792685	57.155	ng	-0.01
79) Terphenyl-d14	19.863	244	1563839	57.183	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	71123	38.324	ng	99
3) Pyridine	3.781	79	185443	36.856	ng	98
4) n-Nitrosodimethylamine	3.705	42	91369	41.710	ng	98
6) Aniline	7.240	93	250702	39.725	ng	98
8) 2-Chlorophenol	7.469	128	214370	43.347	ng	97
9) Benzaldehyde	7.052	77	56746	12.462	ng	98
10) Phenol	7.105	94	273316	42.221	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	207497	41.200	ng	98
12) 1,3-Dichlorobenzene	7.793	146	254738	42.096	ng	98
13) 1,4-Dichlorobenzene	7.940	146	257199	41.952	ng	99
14) 1,2-Dichlorobenzene	8.252	146	242591	40.897	ng	99
15) Benzyl Alcohol	8.152	79	218936	42.188	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	202902	40.289	ng	98
17) 2-Methylphenol	8.352	107	179135	41.103	ng	99
18) Hexachloroethane	8.975	117	96429	40.579	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	167957	37.859	ng	98
20) 3+4-Methylphenols	8.681	107	241662	40.630	ng	96
22) Acetophenone	8.740	105	331905	43.452	ng	# 98
24) Nitrobenzene	9.116	77	256449	41.163	ng	99
25) Isophorone	9.646	82	454321	42.159	ng	99
26) 2-Nitrophenol	9.822	139	115209	48.499	ng	97
27) 2,4-Dimethylphenol	9.887	122	156381	51.483	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	259827	42.614	ng	100
29) 2,4-Dichlorophenol	10.357	162	210550	45.854	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	246872	43.849	ng	99
31) Naphthalene	10.757	128	630279	42.860	ng	99
32) Benzoic acid	10.028	122	147309	49.775	ng	99
33) 4-Chloroaniline	10.875	127	174329	32.056	ng	98
34) Hexachlorobutadiene	11.028	225	181328	43.462	ng	98
35) Caprolactam	11.675	113	65553	50.430	ng	92
36) 4-Chloro-3-methylphenol	11.999	107	230147	45.967	ng	97
37) 2-Methylnaphthalene	12.363	142	436073	42.849	ng	99
38) 1-Methylnaphthalene	12.581	142	415351	41.531	ng	96
40) 1,2,4,5-Tetrachloroben...	12.728	216	299389	45.277	ng	99
41) Hexachlorocyclopentadiene	12.699	237	319830	107.070	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	187506	46.831	ng	99

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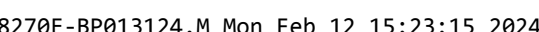
Instrument :
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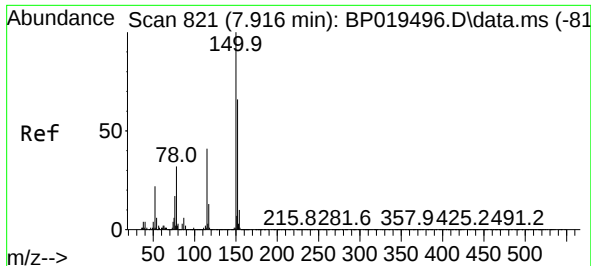
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 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	204788	46.579	ng	98
46) 1,1'-Biphenyl	13.381	154	593725	43.388	ng	100
47) 2-Chloronaphthalene	13.416	162	478291	42.578	ng	98
48) 2-Nitroaniline	13.634	65	149428	47.573	ng	95
49) Acenaphthylene	14.263	152	755015	47.908	ng	99
50) Dimethylphthalate	14.010	163	605747	46.151	ng	98
51) 2,6-Dinitrotoluene	14.134	165	132909	46.090	ng	94
52) Acenaphthene	14.604	154	423291	43.276	ng	99
53) 3-Nitroaniline	14.457	138	105827	39.933	ng	96
54) 2,4-Dinitrophenol	14.669	184	171701	114.677	ng	98
55) Dibenzofuran	14.940	168	729892	45.816	ng	99
56) 4-Nitrophenol	14.769	139	240358	110.655	ng	99
57) 2,4-Dinitrotoluene	14.916	165	191760	50.745	ng	97
58) Fluorene	15.592	166	584393	46.057	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	197049	53.283	ng	97
60) Diethylphthalate	15.375	149	619326	47.439	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	327870	45.974	ng	95
62) 4-Nitroaniline	15.628	138	140830	50.698	ng	97
63) Azobenzene	15.887	77	571522	45.271	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	115873	50.252	ng	94
66) n-Nitrosodiphenylamine	15.810	169	521287	43.043	ng	98
67) 4-Bromophenyl-phenylether	16.487	248	218936	43.308	ng	98
68) Hexachlorobenzene	16.587	284	258195	43.736	ng	97
69) Atrazine	16.769	200	216613	53.900	ng	97
70) Pentachlorophenol	16.939	266	370000	100.643	ng	98
71) Phenanthrene	17.339	178	972933	45.717	ng	98
72) Anthracene	17.428	178	1000384	47.122	ng	100
73) Carbazole	17.704	167	904283	46.888	ng	99
74) Di-n-butylphthalate	18.263	149	1102945	47.298	ng	99
75) Fluoranthene	19.304	202	1264527	48.640	ng	99
77) Benzidine	19.498	184	807206	85.847	ng	99
78) Pyrene	19.657	202	1326284	41.784	ng	100
80) Butylbenzylphthalate	20.551	149	541282	45.663	ng	97
81) Benzo(a)anthracene	21.375	228	1442975	45.578	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	522233	45.267	ng	99
83) Chrysene	21.427	228	1340730	44.605	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	783190	43.389	ng	98
85) Di-n-octyl phthalate	22.257	149	1388769	43.730	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1790433	43.917	ng	99
88) Benzo(b)fluoranthene	23.074	252	1518900	45.249	ng	99
89) Benzo(k)fluoranthene	23.122	252	1397092	43.571	ng	99
90) Benzo(a)pyrene	23.704	252	1347514	45.116	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1484180	44.263	ng	99
92) Benzo(g,h,i)perylene	27.121	276	1412994	41.538	ng	98

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

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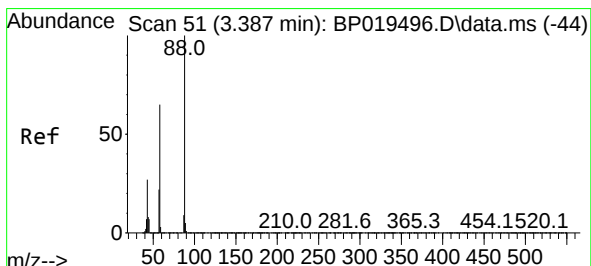
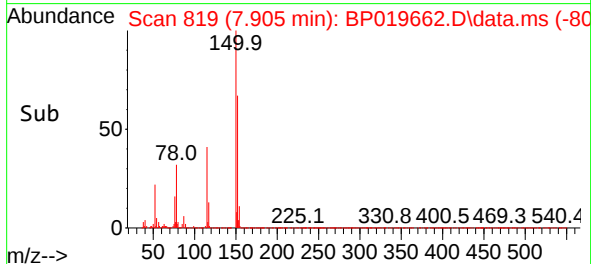
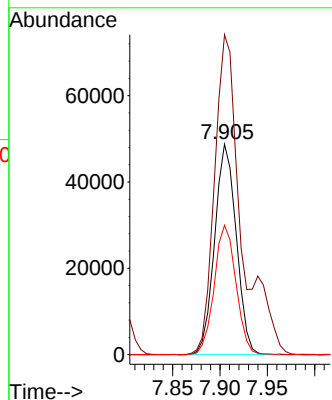
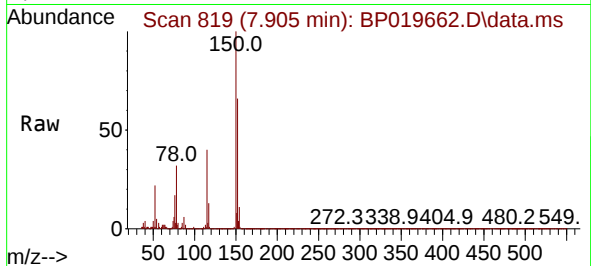




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019662.D
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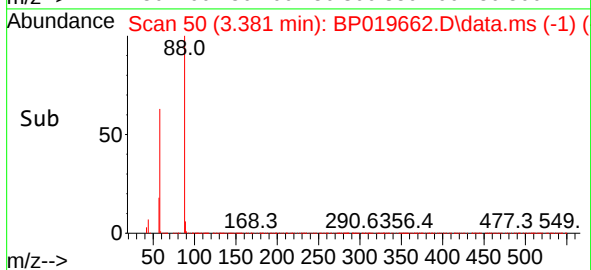
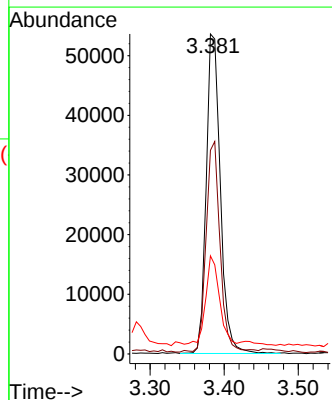
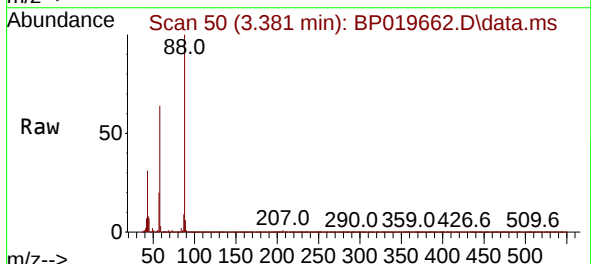
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

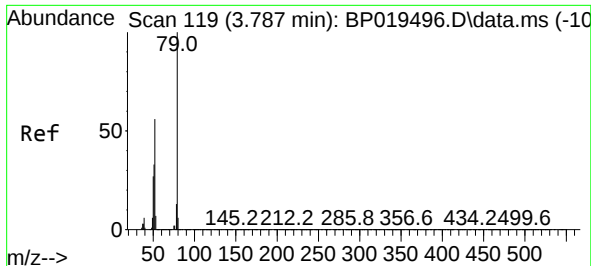
Tgt Ion:152 Resp: 77645
Ion Ratio Lower Upper
152 100
150 151.9 121.8 182.8
115 61.4 49.9 74.9



#2
1,4-Dioxane
Concen: 38.324 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion: 88 Resp: 71123
Ion Ratio Lower Upper
88 100
58 65.1 52.6 78.8
43 28.1 21.9 32.9

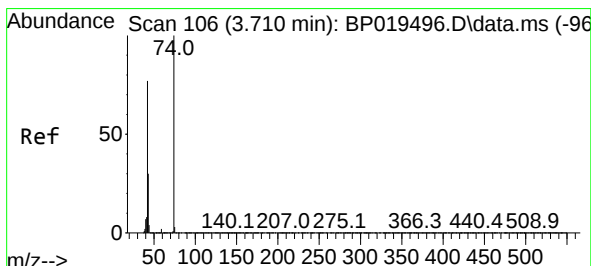
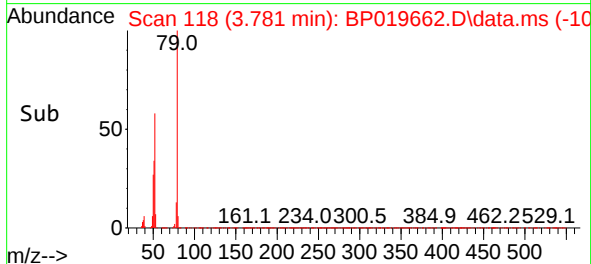
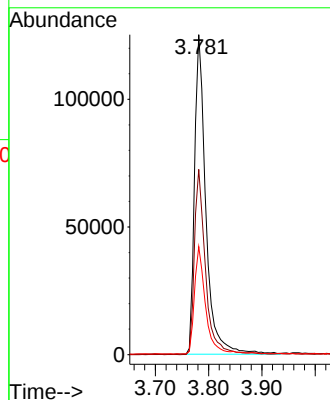
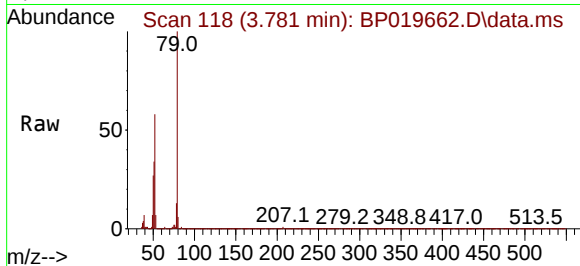




#3
Pyridine
Concen: 36.856 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

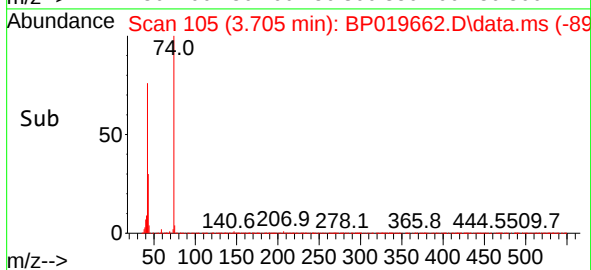
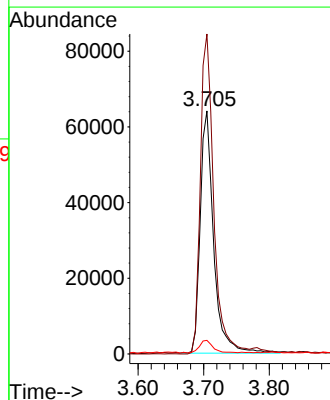
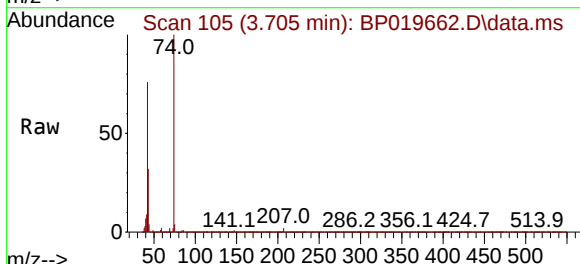
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

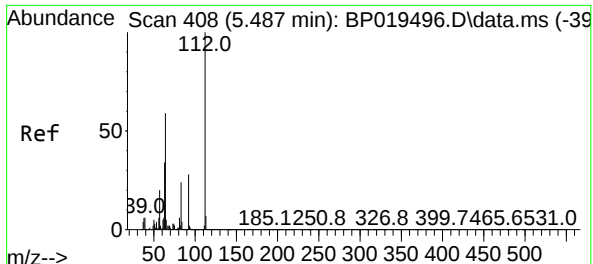
Tgt Ion: 79 Resp: 185443
Ion Ratio Lower Upper
79 100
52 57.9 45.0 67.6
51 33.7 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 41.710 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion: 42 Resp: 91369
Ion Ratio Lower Upper
42 100
74 131.6 103.4 155.2
44 5.6 4.8 7.2

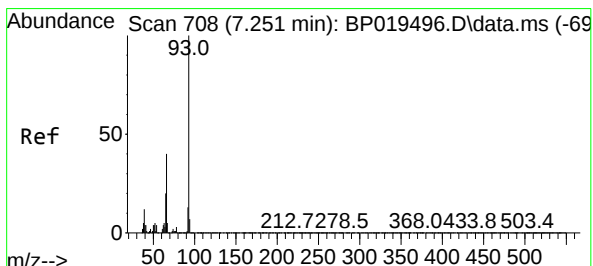
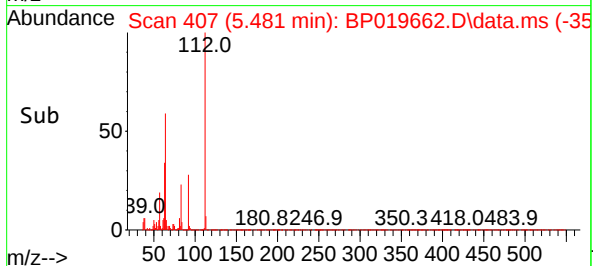
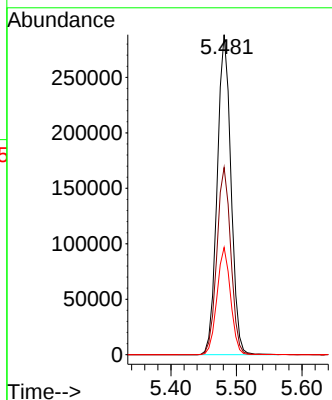
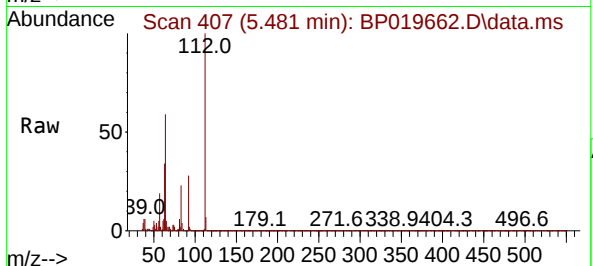




#5
2-Fluorophenol
Concen: 86.919 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

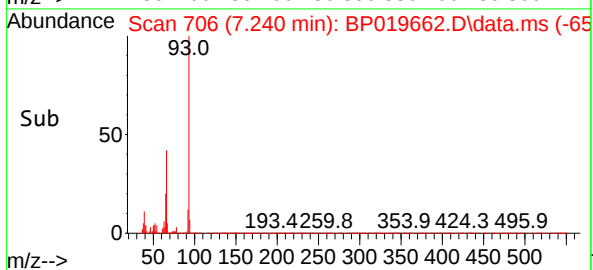
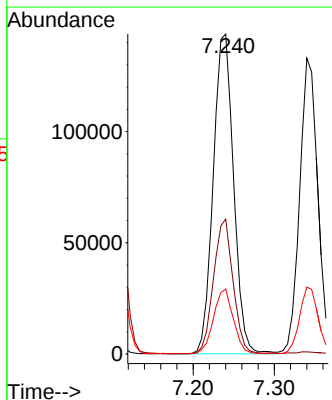
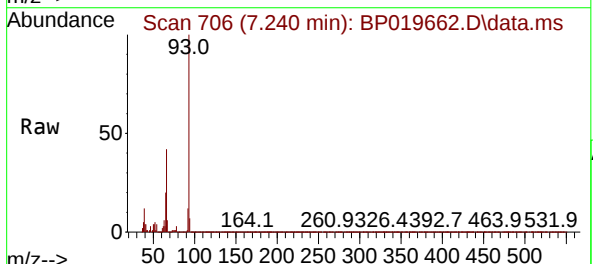
Instrument :
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ClientSampleId :
SB-3(4-5)MSD

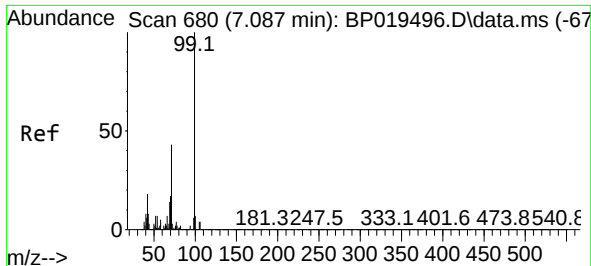
Tgt Ion:112 Resp: 418680
Ion Ratio Lower Upper
112 100
64 58.5 47.4 71.0
63 33.5 27.0 40.6



#6
Aniline
Concen: 39.725 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion: 93 Resp: 250702
Ion Ratio Lower Upper
93 100
66 42.1 32.3 48.5
65 20.3 16.4 24.6

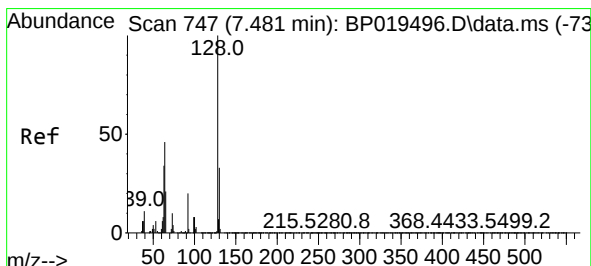
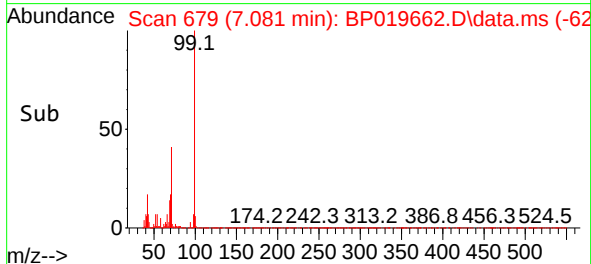
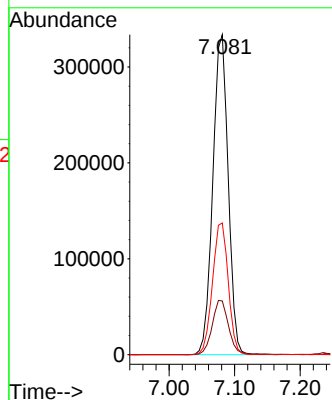
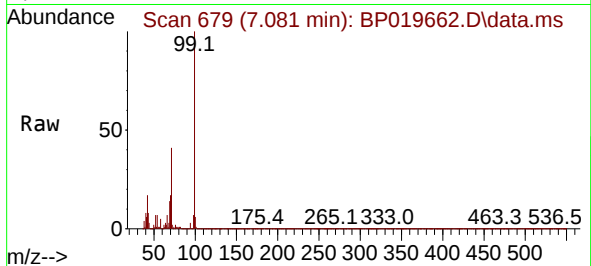




#7
Phenol-d6
Concen: 83.579 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

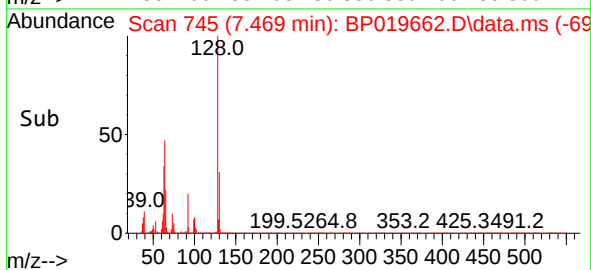
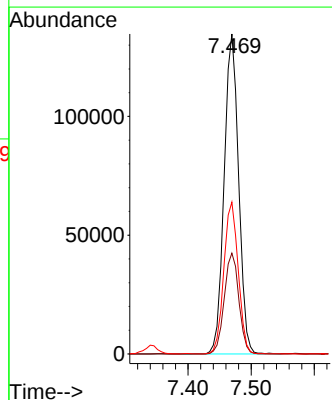
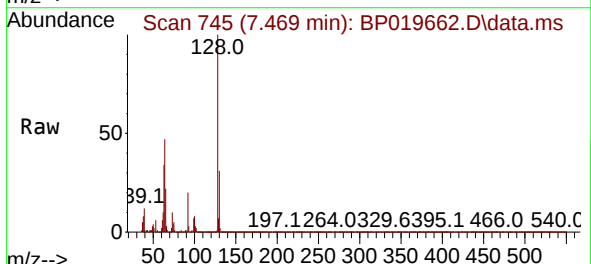
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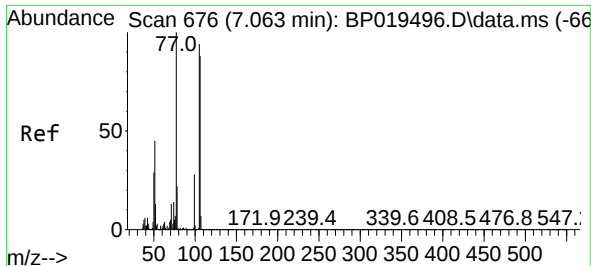
Tgt Ion: 99 Resp: 542842
Ion Ratio Lower Upper
99 100
42 16.8 14.7 22.1
71 41.1 34.8 52.2



#8
2-Chlorophenol
Concen: 43.347 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion: 128 Resp: 214370
Ion Ratio Lower Upper
128 100
130 31.5 13.3 53.3
64 47.4 29.7 69.7

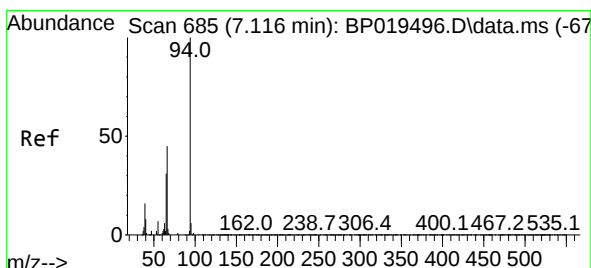
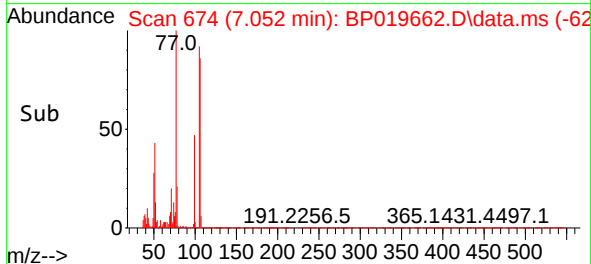
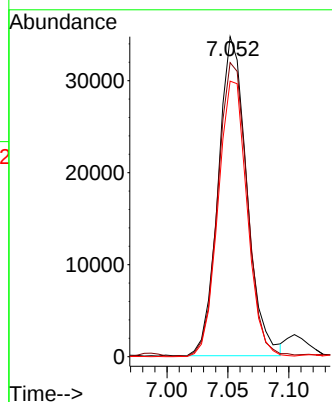
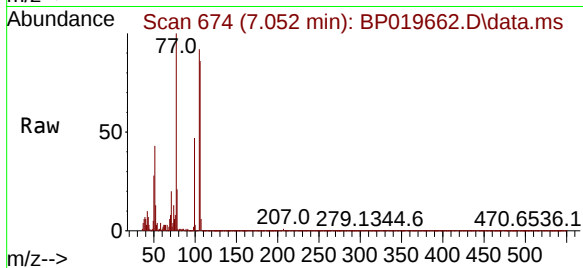




#9
Benzaldehyde
Concen: 12.462 ng
RT: 7.052 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

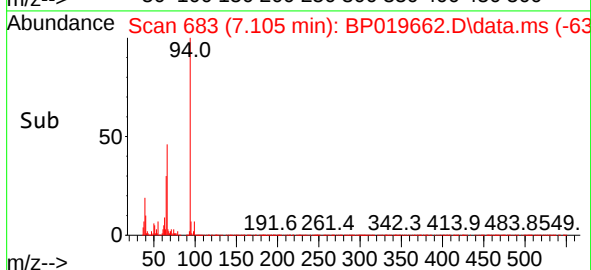
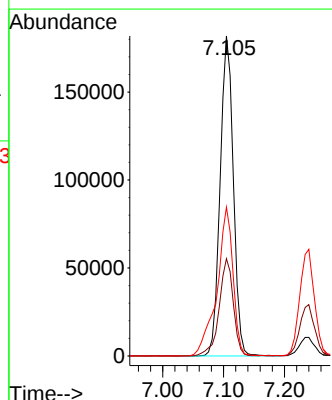
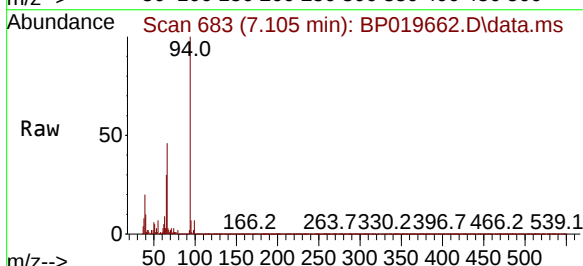
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ClientSampleId :
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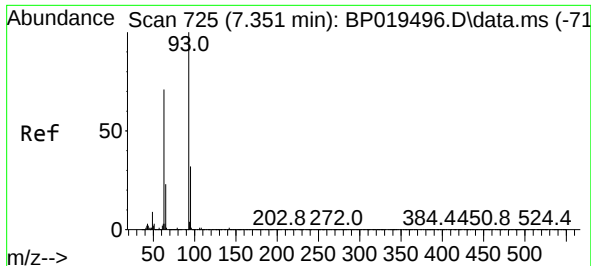
Tgt Ion: 77 Resp: 56746
Ion Ratio Lower Upper
77 100
105 91.9 74.0 114.0
106 86.1 67.8 107.8



#10
Phenol
Concen: 42.221 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion: 94 Resp: 273316
Ion Ratio Lower Upper
94 100
65 30.4 11.3 51.3
66 46.5 25.1 65.1

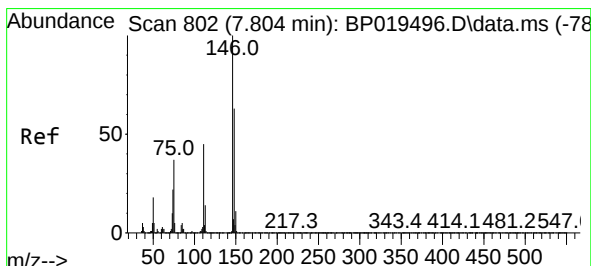
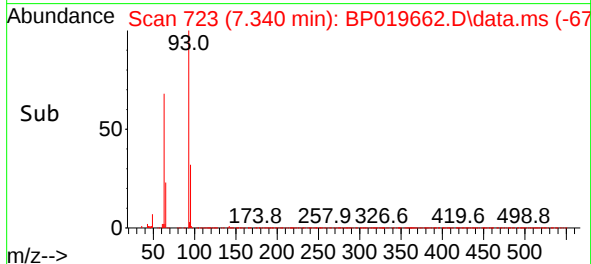
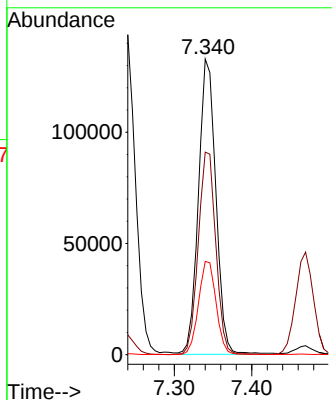
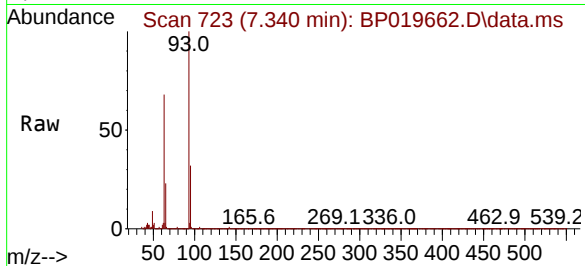




#11
bis(2-Chloroethyl)ether
Concen: 41.200 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

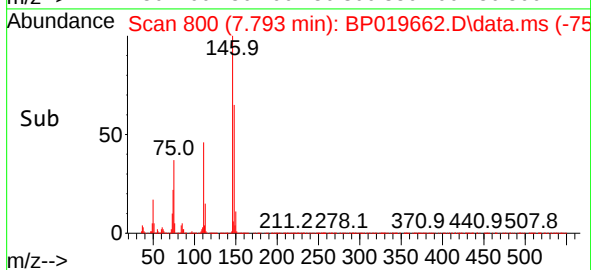
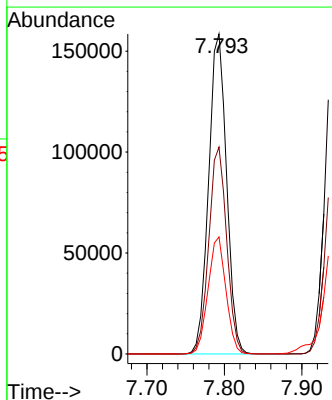
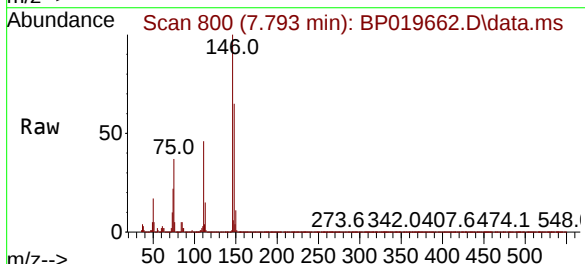
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

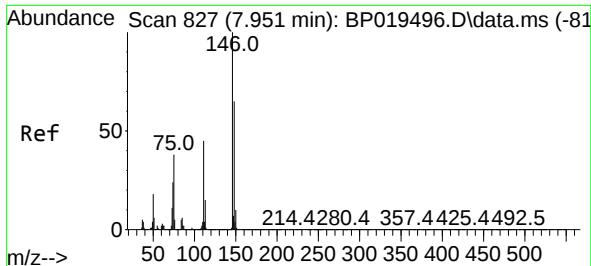
Tgt Ion: 93 Resp: 207497
Ion Ratio Lower Upper
93 100
63 68.5 51.2 91.2
95 31.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.096 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:146 Resp: 254738
Ion Ratio Lower Upper
146 100
148 64.7 50.4 75.6
75 36.6 29.9 44.9

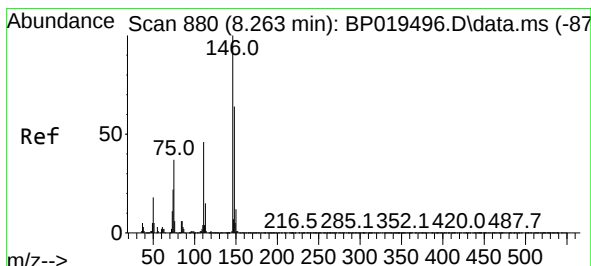
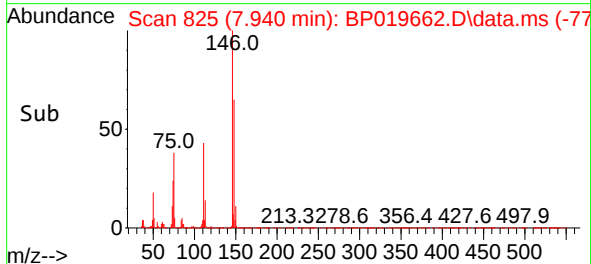
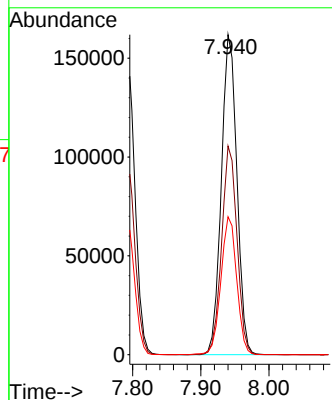
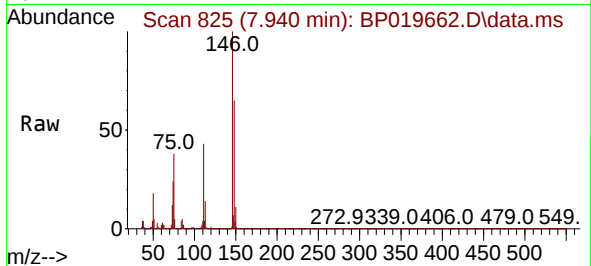




#13
1,4-Dichlorobenzene
Concen: 41.952 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

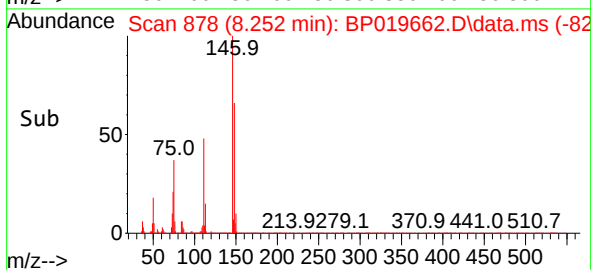
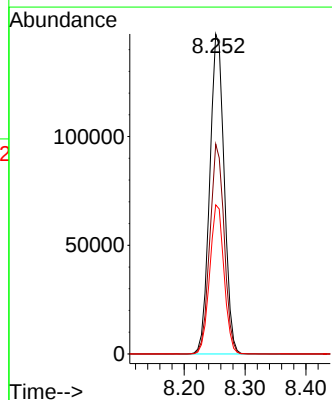
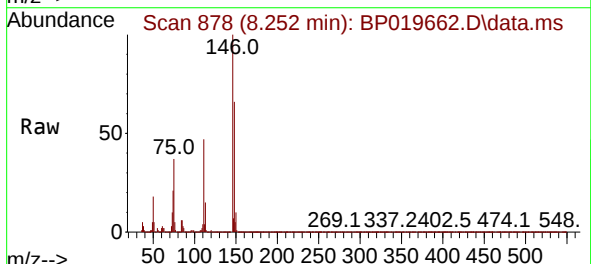
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

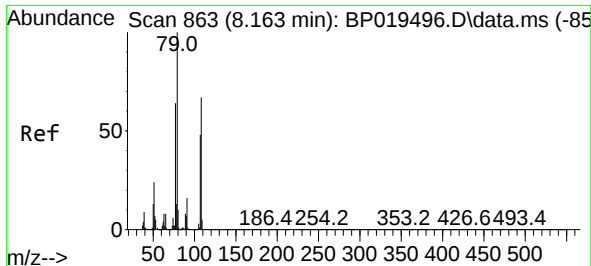
Tgt Ion:146 Resp: 257199
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
111 43.1 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 40.897 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:146 Resp: 242591
Ion Ratio Lower Upper
146 100
148 65.6 51.4 77.0
111 46.6 37.0 55.6

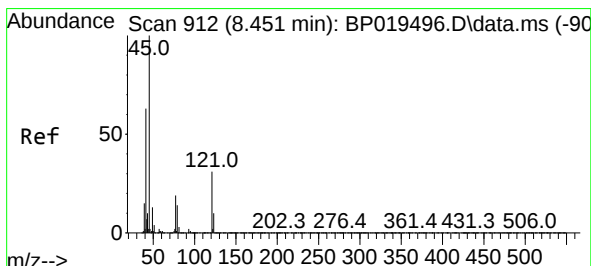
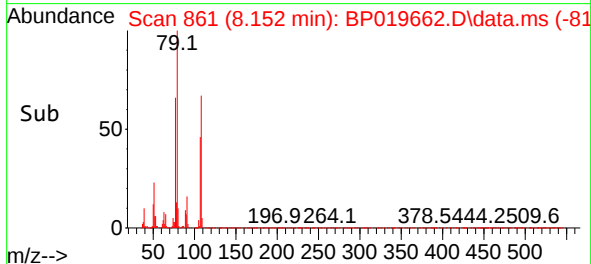
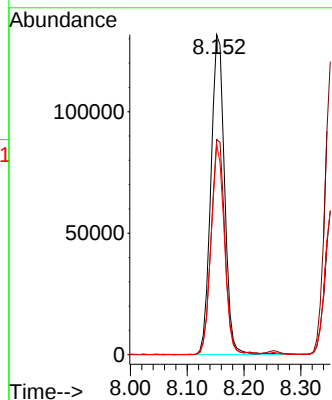
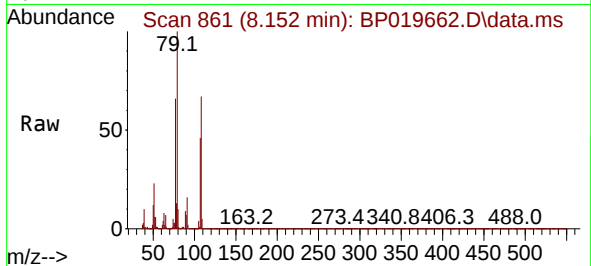




#15
Benzyl Alcohol
Concen: 42.188 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

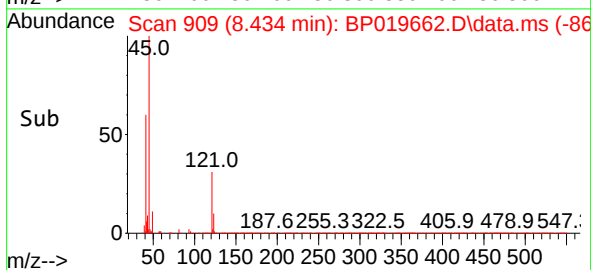
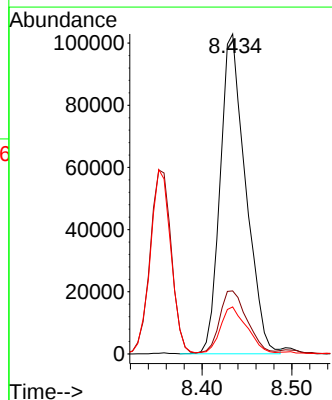
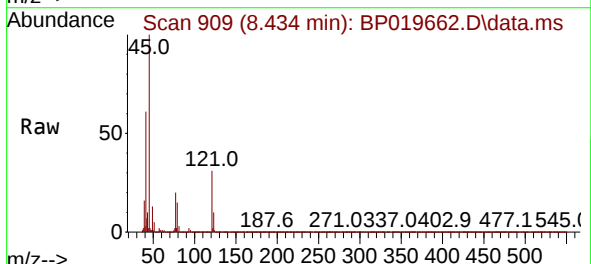
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

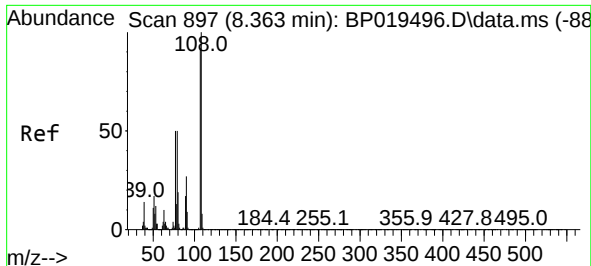
Tgt Ion: 79 Resp: 218936
Ion Ratio Lower Upper
79 100
108 67.3 53.8 80.6
77 65.7 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.289 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.017 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion: 45 Resp: 202902
Ion Ratio Lower Upper
45 100
77 19.7 0.8 40.8
79 14.7 0.0 35.5

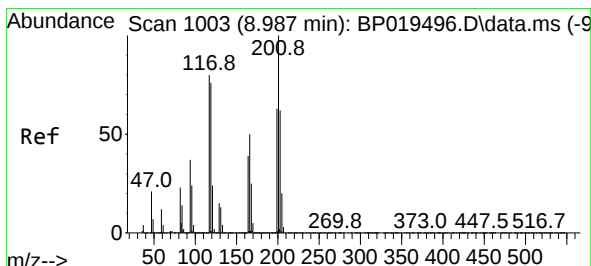
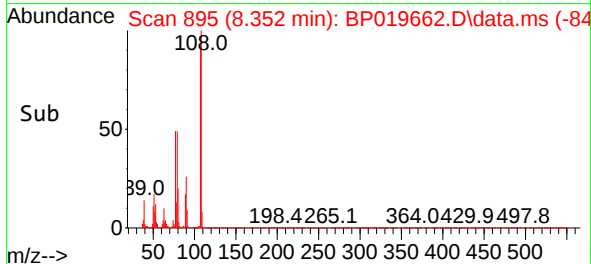
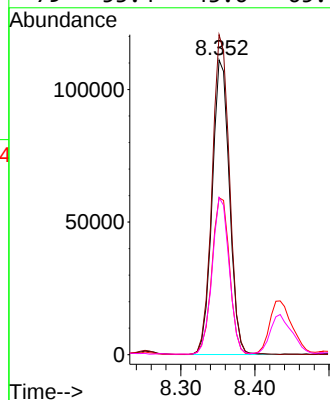
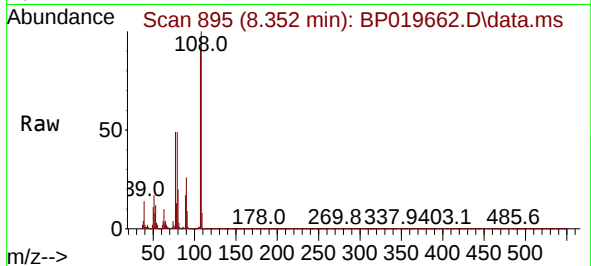




#17
2-Methylphenol
Concen: 41.103 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

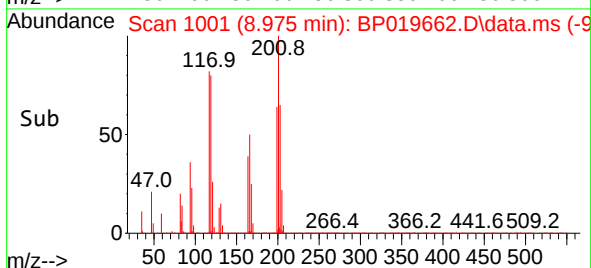
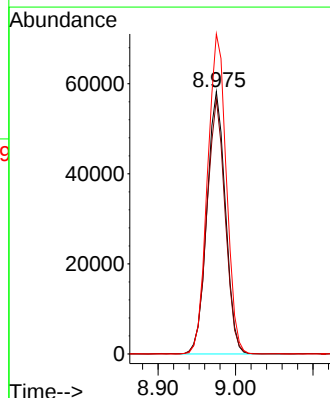
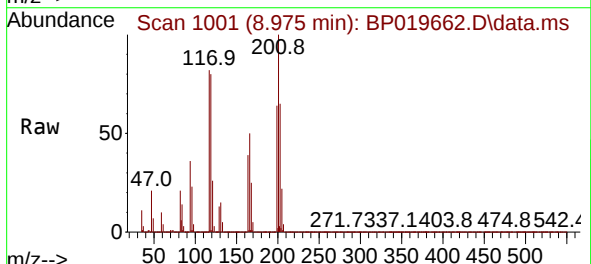
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

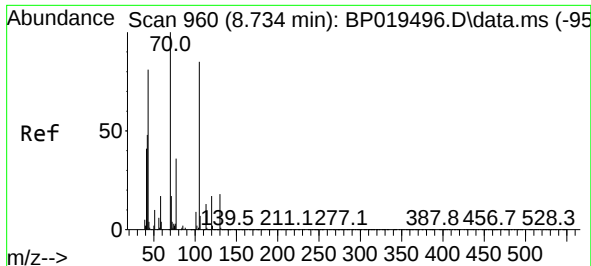
Tgt Ion:	107	Resp:	179135
Ion	Ratio	Lower	Upper
107	100		
108	108.6	87.0	130.6
77	53.3	43.5	65.3
79	53.4	43.6	65.4



#18
Hexachloroethane
Concen: 40.579 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:	117	Resp:	96429
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.5	113.3
201	122.0	99.4	149.2





#19

n-Nitroso-di-n-propylamine

Concen: 37.859 ng

RT: 8.722 min Scan# 91

Delta R.T. -0.011 min

Lab File: BP019662.D

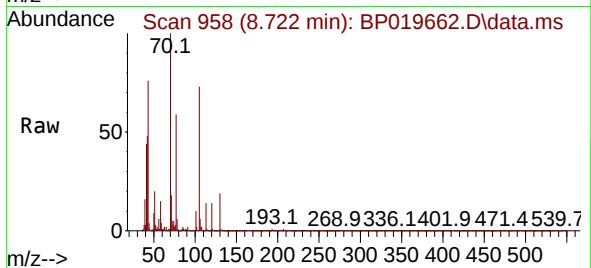
Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD



Tgt Ion: 70 Resp: 167957

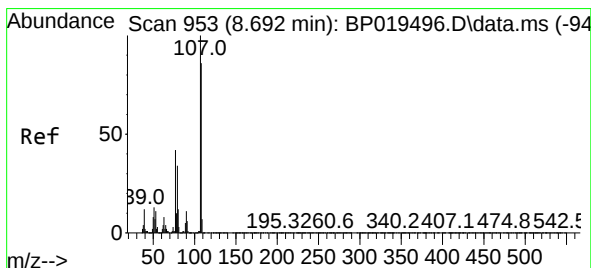
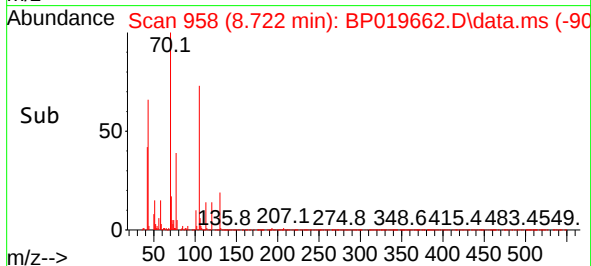
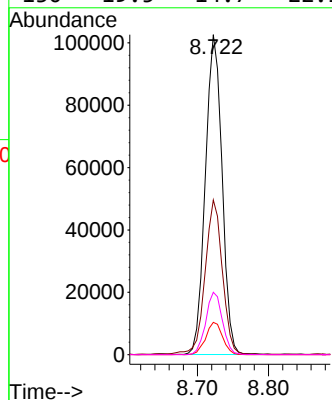
Ion	Ratio	Lower	Upper
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70	100		
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42	48.3	39.2	58.8
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101	10.1	7.3	10.9
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130	19.5	14.7	22.1
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#20

3+4-Methylphenols

Concen: 40.630 ng

RT: 8.681 min Scan# 951

Delta R.T. -0.011 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Tgt Ion: 107 Resp: 241662

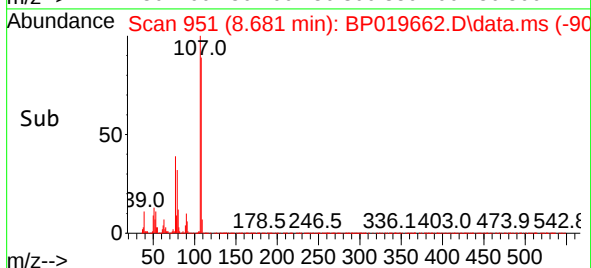
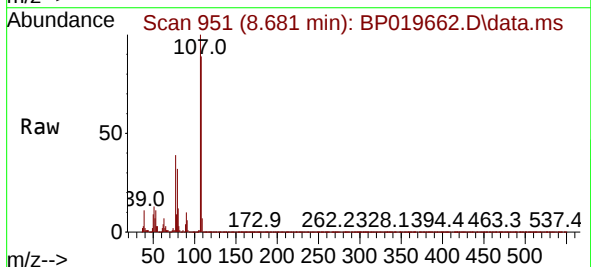
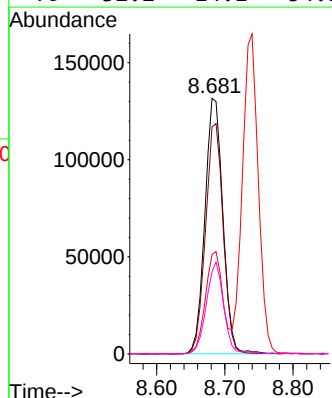
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

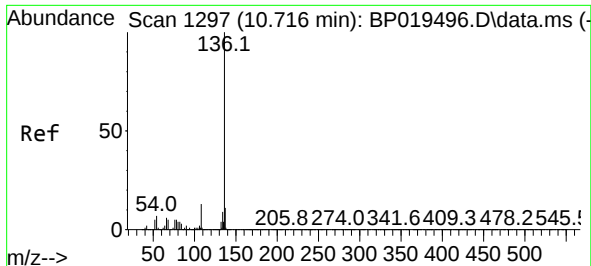
107	100		
-----	-----	--	--

108	88.8	65.5	105.5
-----	------	------	-------

77	38.9	21.8	61.8
----	------	------	------

79	32.2	14.1	54.1
----	------	------	------

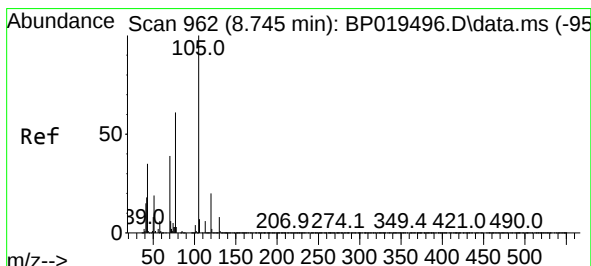
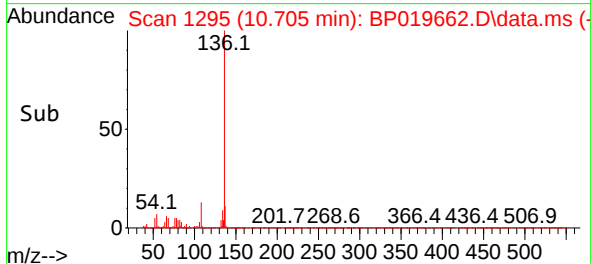
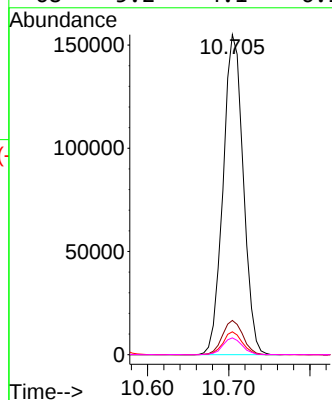
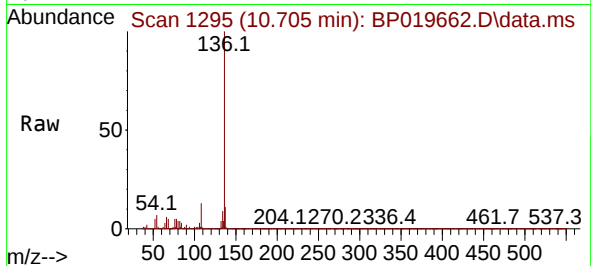




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

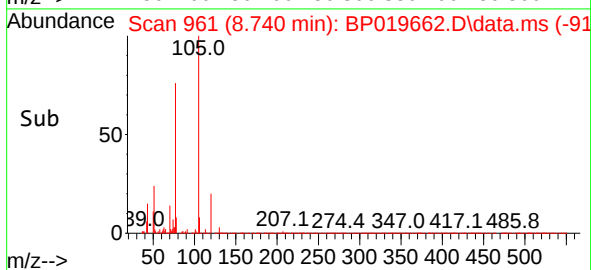
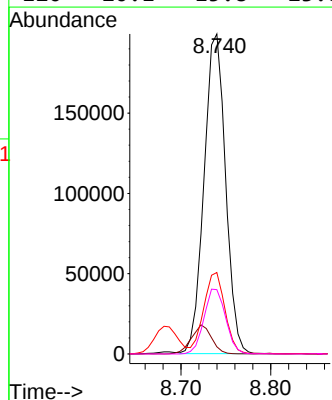
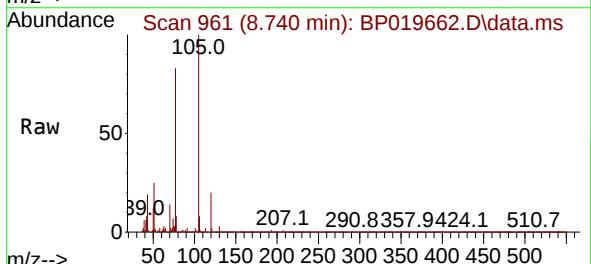
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

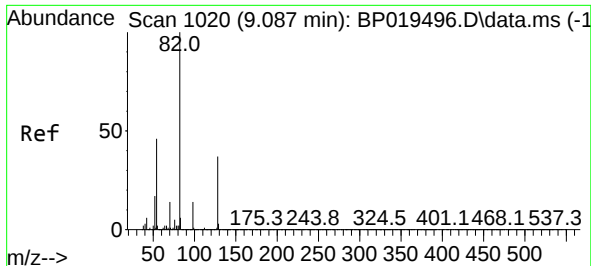
Tgt Ion:	136	Resp:	268125
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.2	5.3	7.9
68	5.2	4.1	6.1



#22
Acetophenone
Concen: 43.452 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:	105	Resp:	331905
Ion	Ratio	Lower	Upper
105	100		
71	2.3	4.9	7.3#
51	25.4	20.7	31.1
120	20.1	15.8	23.8

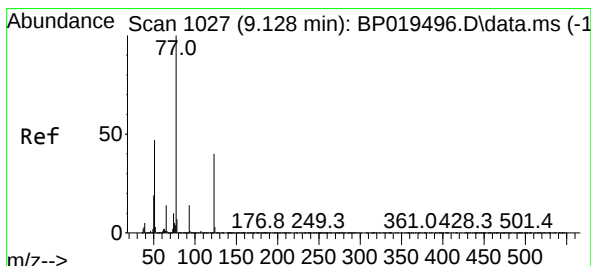
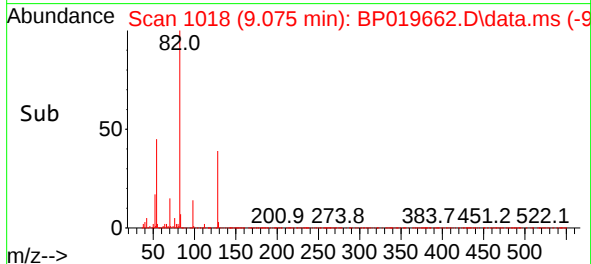
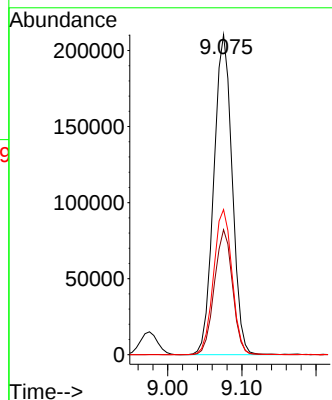
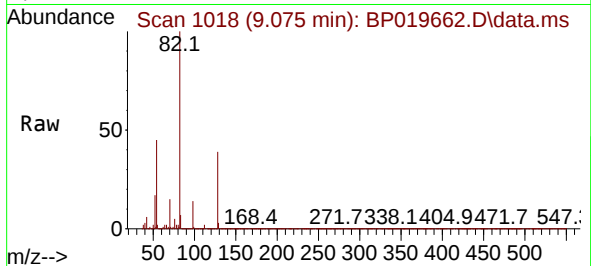




#23
Nitrobenzene-d5
Concen: 58.384 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

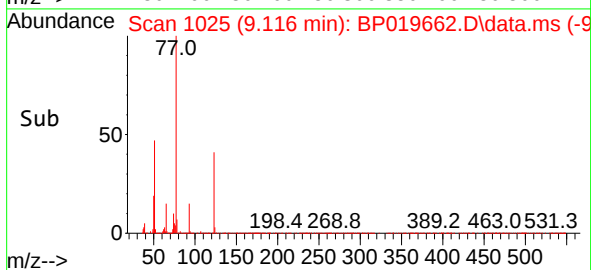
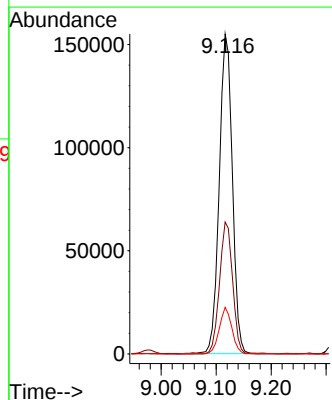
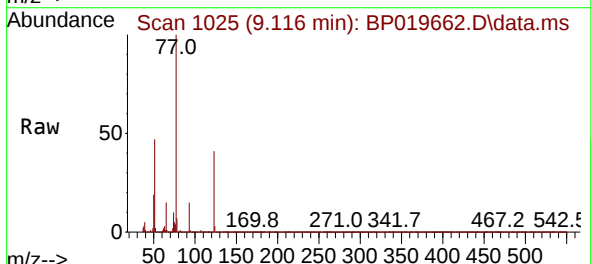
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

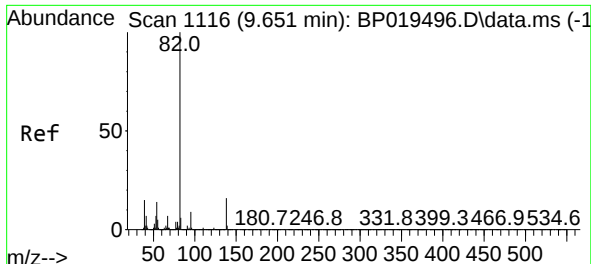
Tgt Ion: 82 Resp: 361264
Ion Ratio Lower Upper
82 100
128 39.1 29.7 44.5
54 45.4 36.8 55.2



#24
Nitrobenzene
Concen: 41.163 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion: 77 Resp: 256449
Ion Ratio Lower Upper
77 100
123 41.3 32.3 48.5
65 14.6 11.6 17.4

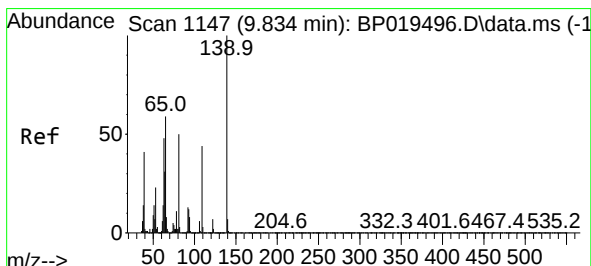
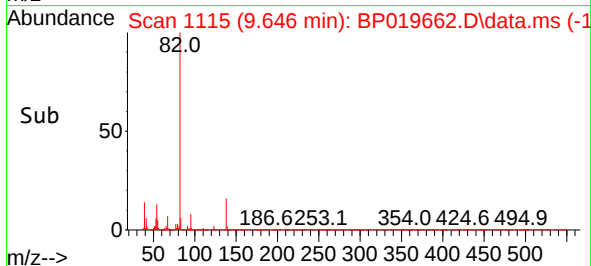
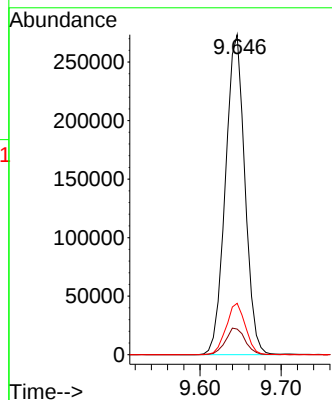
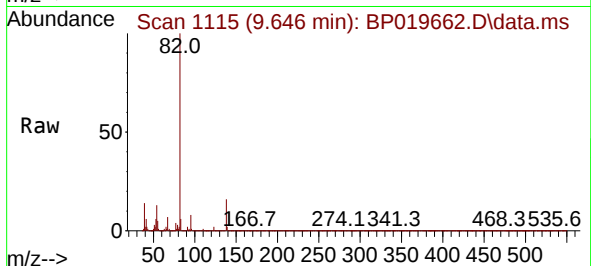




#25
Isophorone
Concen: 42.159 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

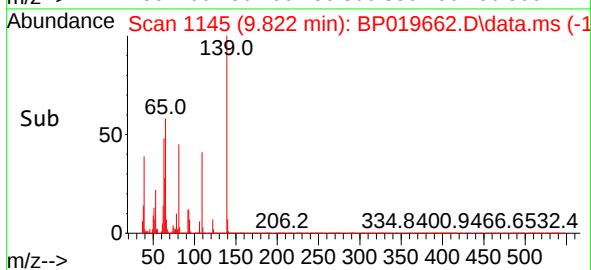
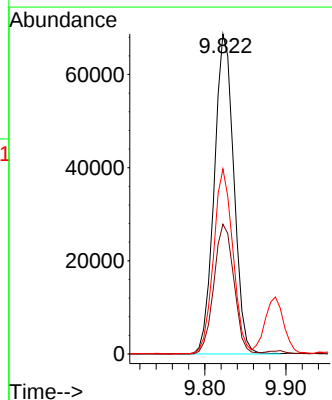
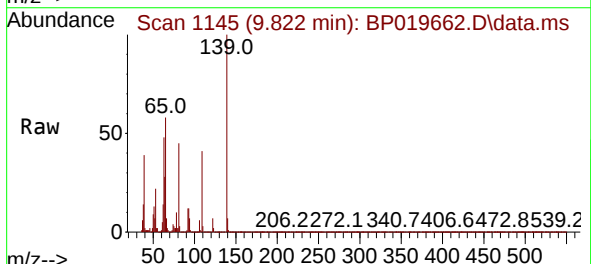
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

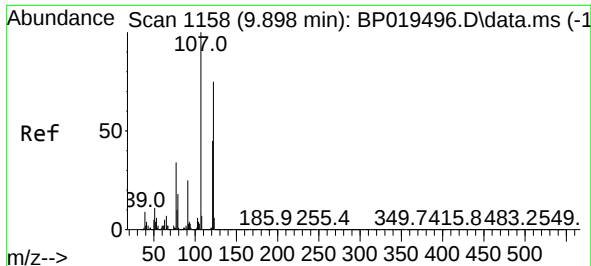
Tgt Ion: 82 Resp: 454321
Ion Ratio Lower Upper
82 100
95 8.0 7.0 10.4
138 16.1 13.1 19.7



#26
2-Nitrophenol
Concen: 48.499 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:139 Resp: 115209
Ion Ratio Lower Upper
139 100
109 40.6 34.9 52.3
65 57.8 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 51.483 ng

RT: 9.887 min Scan# 1156

Delta R.T. -0.011 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

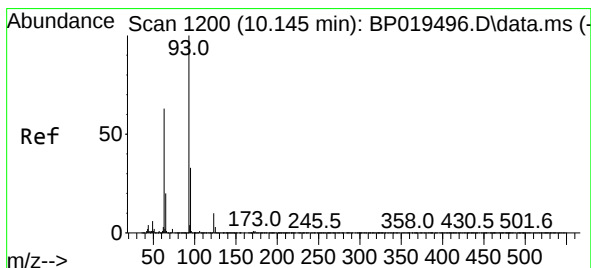
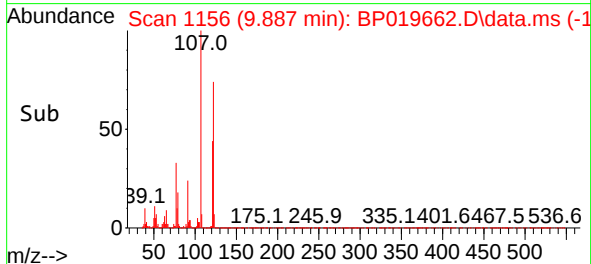
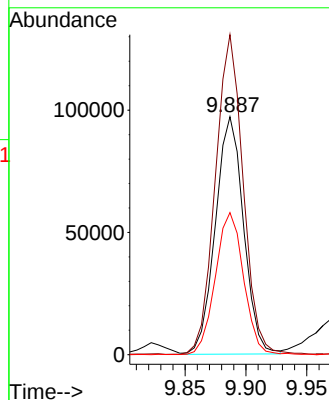
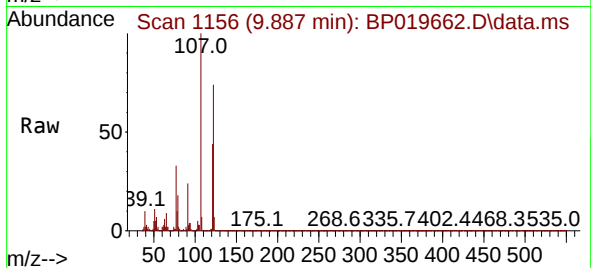
Tgt Ion:122 Resp: 156381

Ion Ratio Lower Upper

122 100

107 134.5 105.9 158.9

121 59.7 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.614 ng

RT: 10.134 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

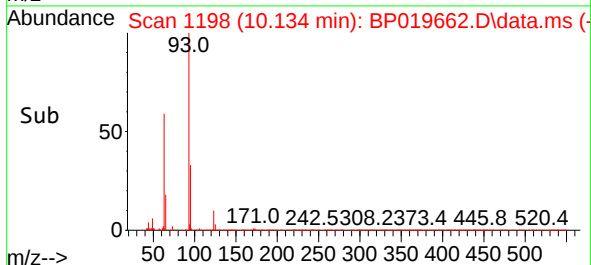
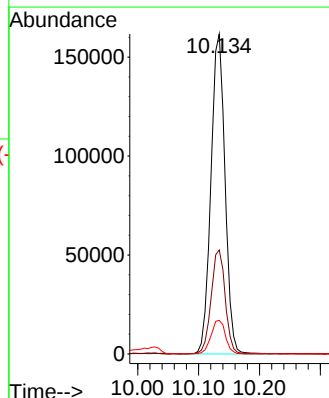
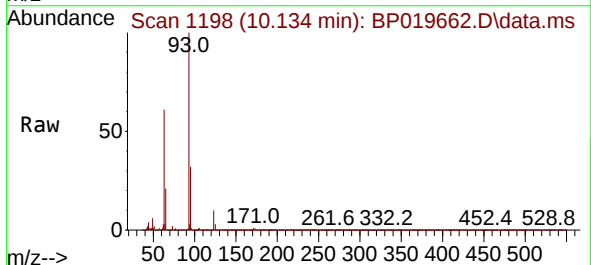
Tgt Ion: 93 Resp: 259827

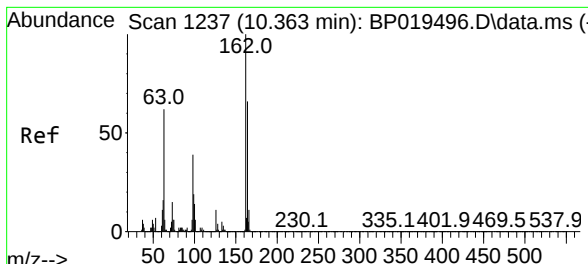
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

123 10.5 8.5 12.7

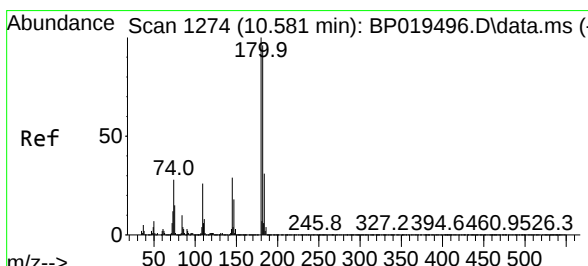
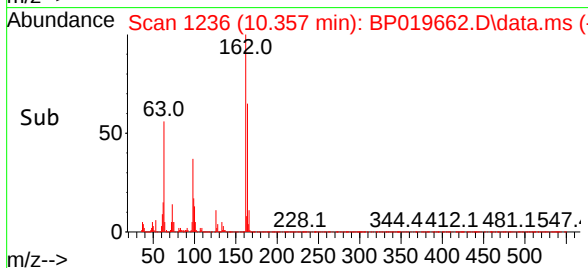
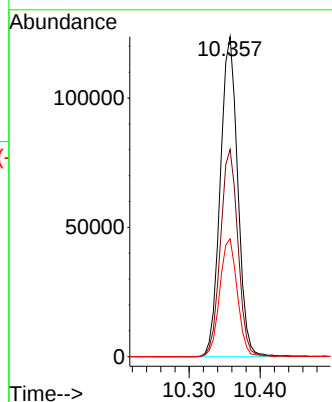
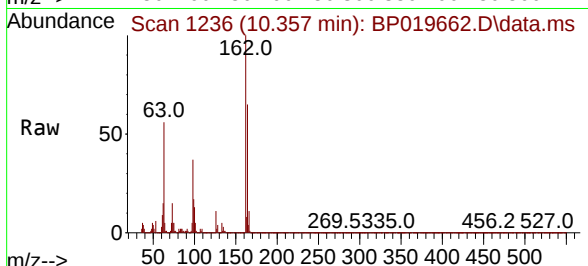




#29
2,4-Dichlorophenol
Concen: 45.854 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

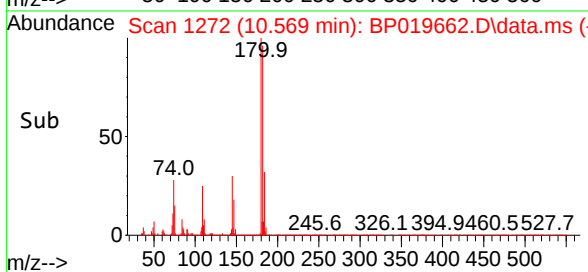
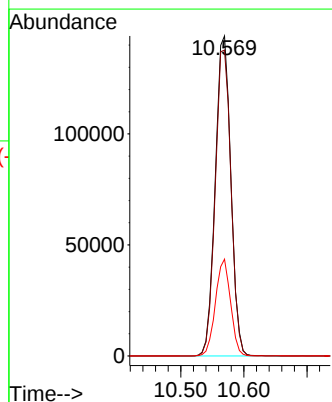
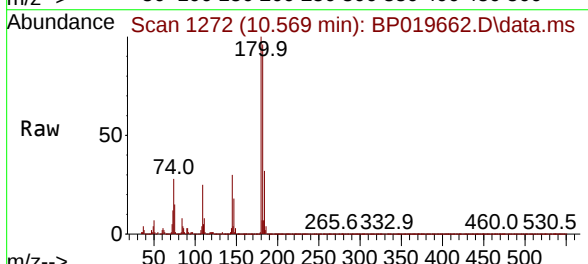
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

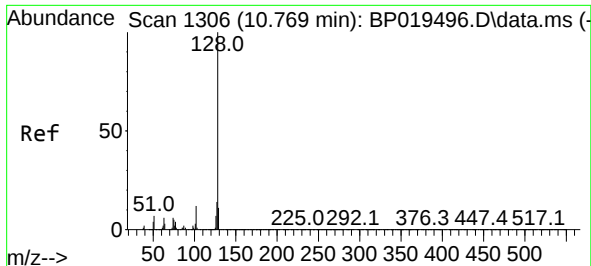
Tgt Ion:162 Resp: 210550
Ion Ratio Lower Upper
162 100
164 64.7 46.0 86.0
98 36.9 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 43.849 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:180 Resp: 246872
Ion Ratio Lower Upper
180 100
182 95.6 77.0 115.6
145 30.2 23.2 34.8

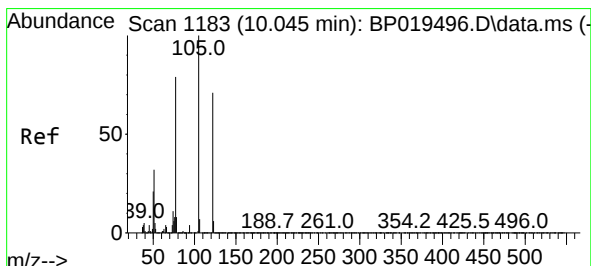
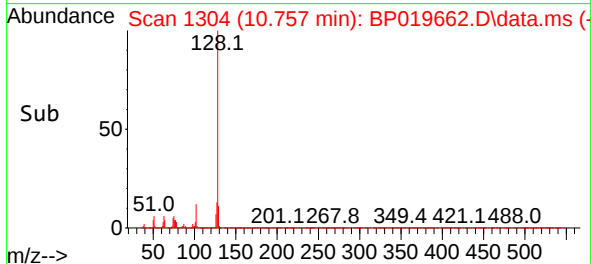
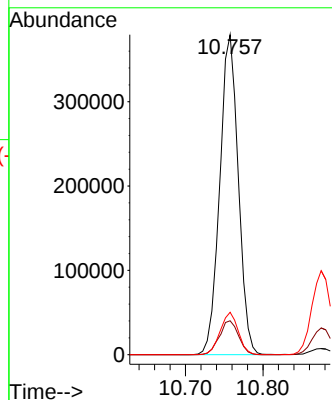
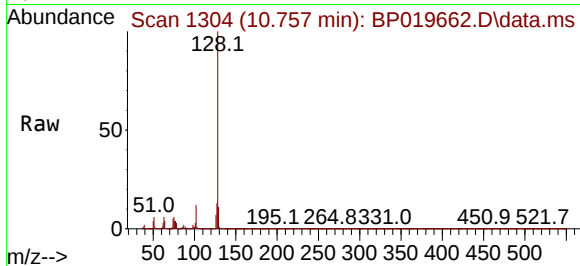




#31
Naphthalene
Concen: 42.860 ng
RT: 10.757 min Scan# 1180
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

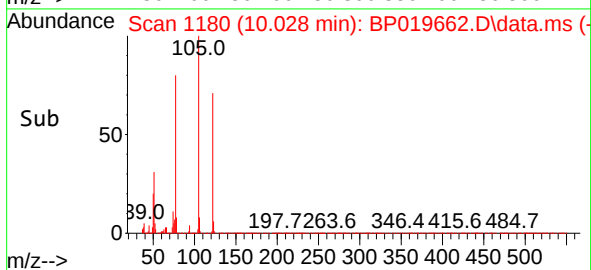
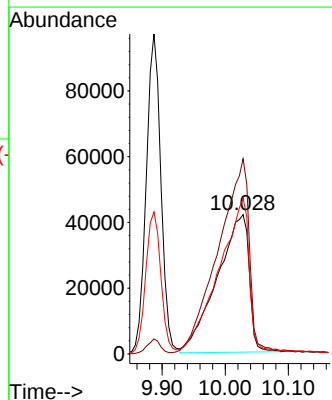
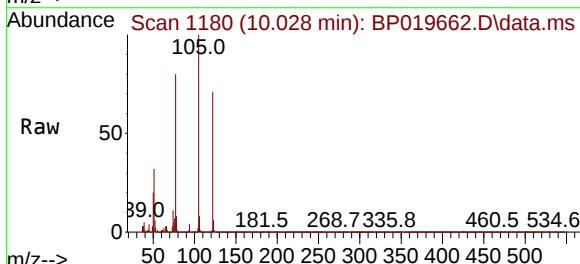
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

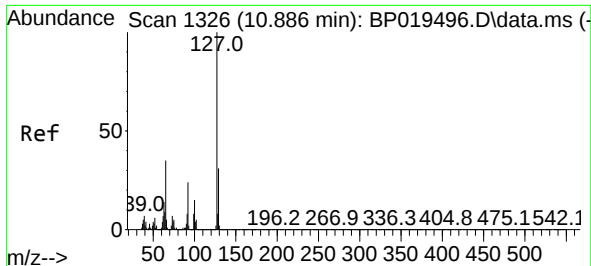
Tgt Ion:128 Resp: 630279
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 49.775 ng
RT: 10.028 min Scan# 1180
Delta R.T. -0.017 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:122 Resp: 147309
Ion Ratio Lower Upper
122 100
105 140.1 118.8 158.8
77 111.9 91.7 131.7

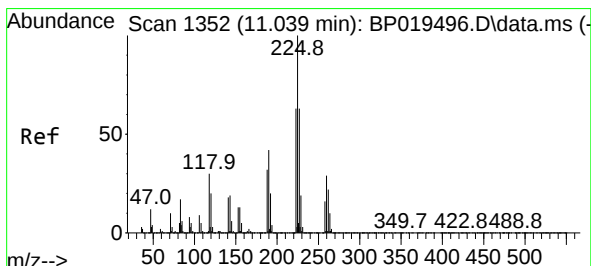
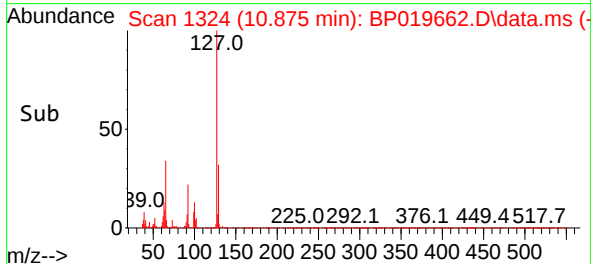
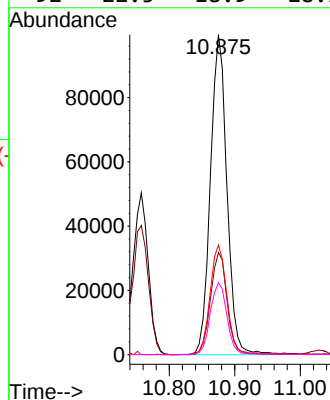
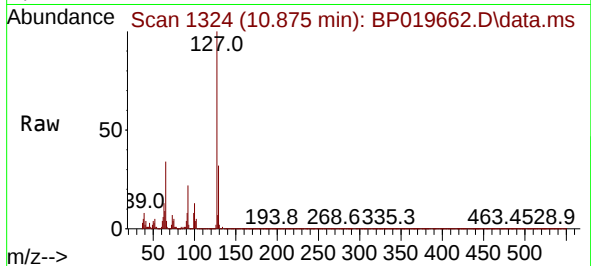




#33
4-Chloroaniline
Concen: 32.056 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

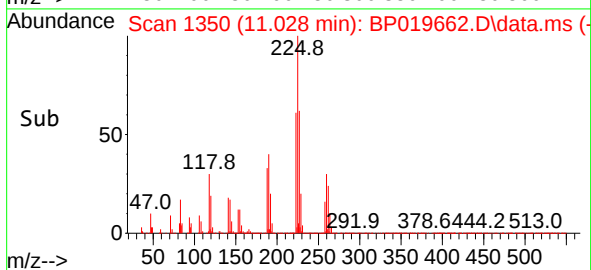
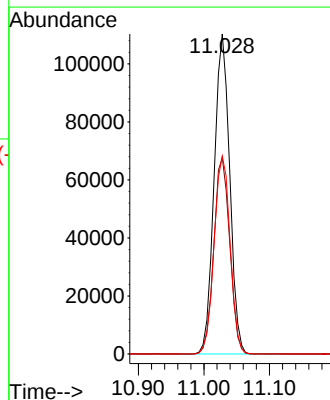
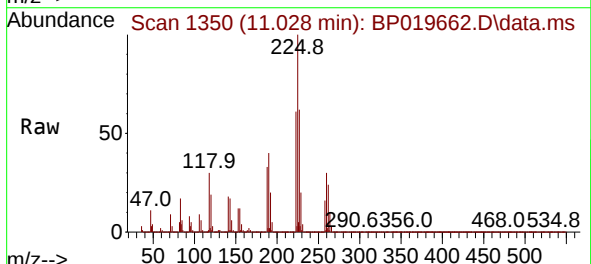
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

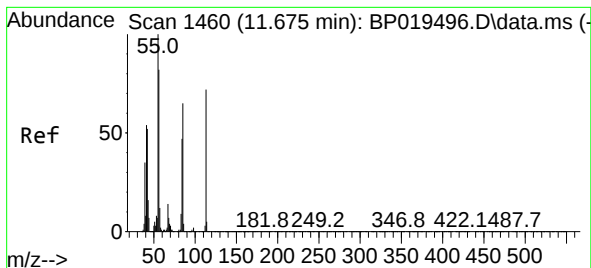
Tgt Ion:	127	Resp:	174329
Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.6	36.8
65	34.3	28.2	42.4
92	22.5	18.9	28.3



#34
Hexachlorobutadiene
Concen: 43.462 ng
RT: 11.028 min Scan# 1350
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:	225	Resp:	181328
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.5	75.7
227	61.8	50.2	75.2

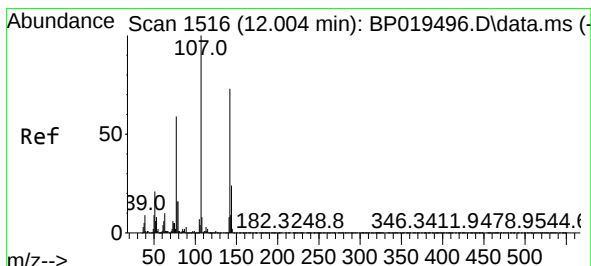
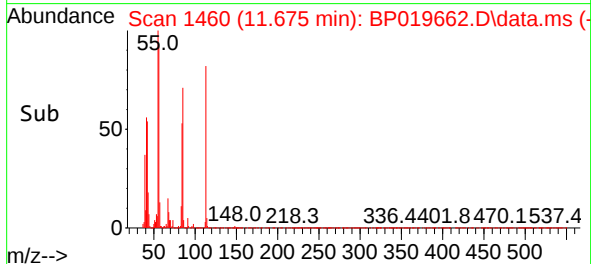
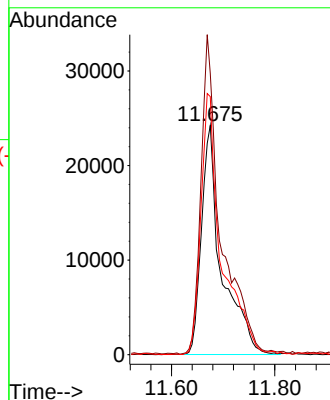
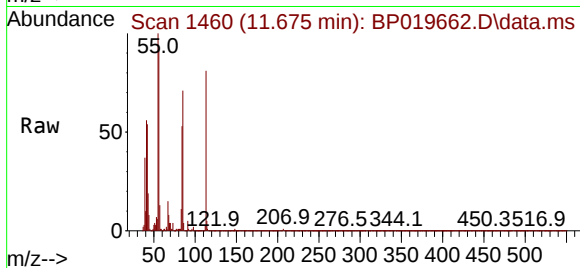




#35
Caprolactam
Concen: 50.430 ng
RT: 11.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

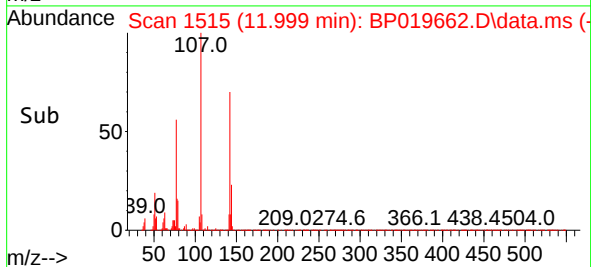
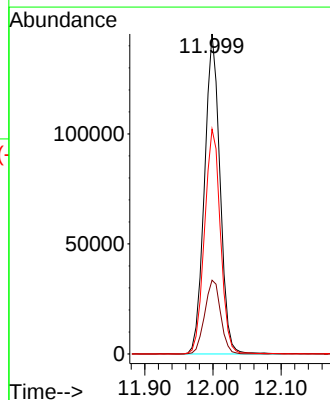
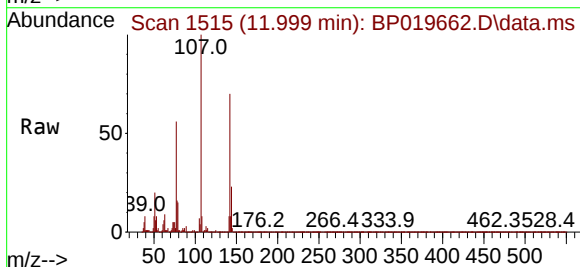
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

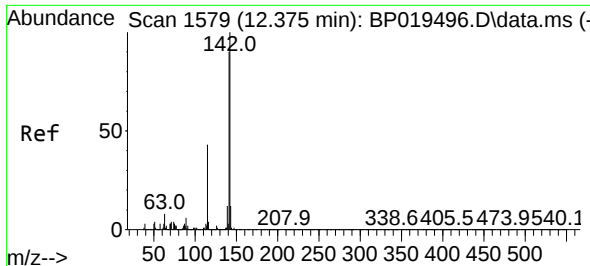
Tgt Ion:113 Resp: 65553
Ion Ratio Lower Upper
113 100
55 122.7 120.0 160.0
56 112.6 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 45.967 ng
RT: 11.999 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:107 Resp: 230147
Ion Ratio Lower Upper
107 100
144 23.0 19.0 28.4
142 70.3 58.6 88.0

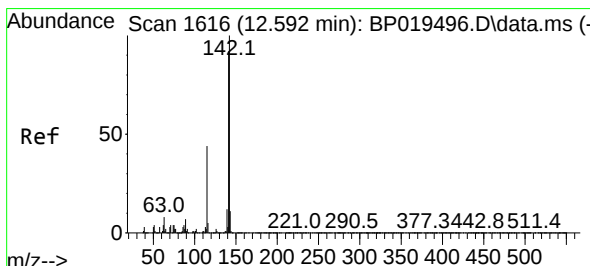
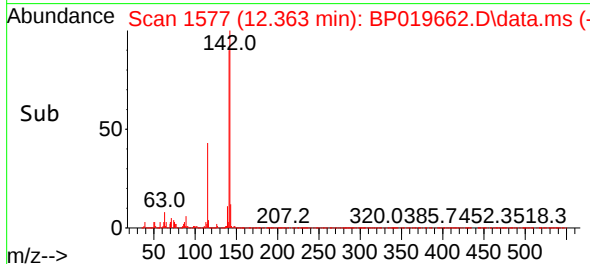
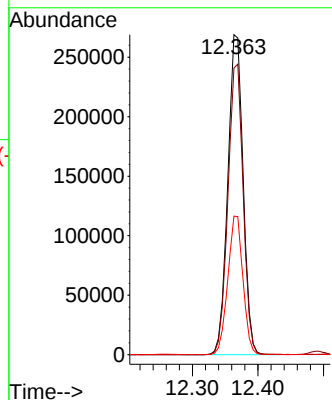
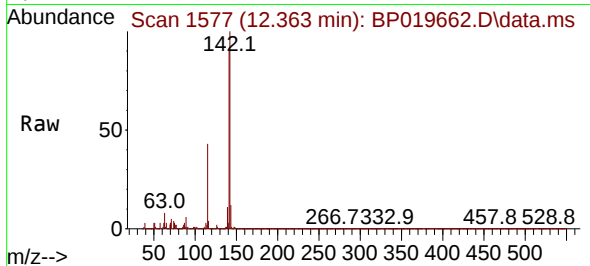




#37
2-Methylnaphthalene
Concen: 42.849 ng
RT: 12.363 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

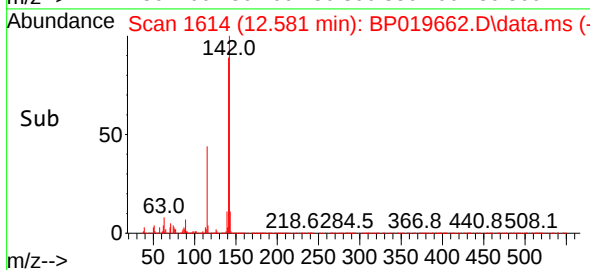
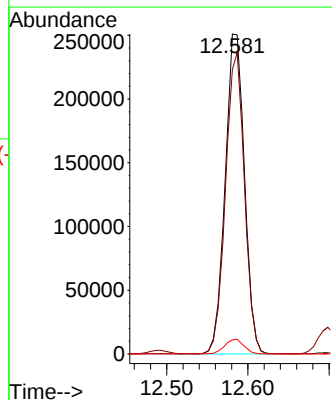
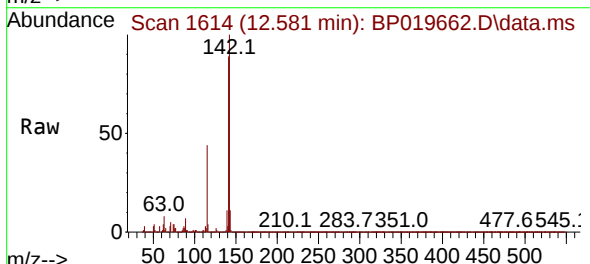
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

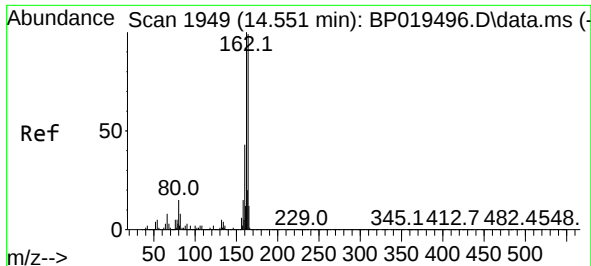
Tgt Ion:142 Resp: 436073
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.4
115 43.3 34.2 51.2



#38
1-Methylnaphthalene
Concen: 41.531 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:142 Resp: 415351
Ion Ratio Lower Upper
142 100
141 88.9 74.0 111.0
116 4.4 3.7 5.5

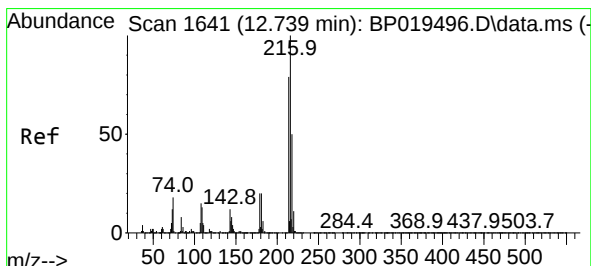
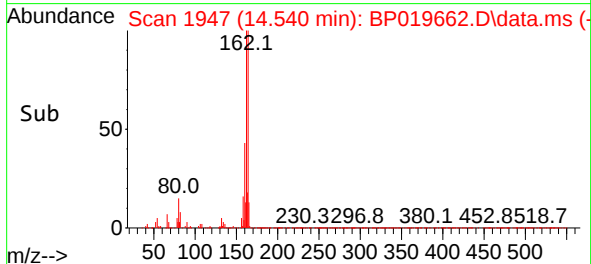
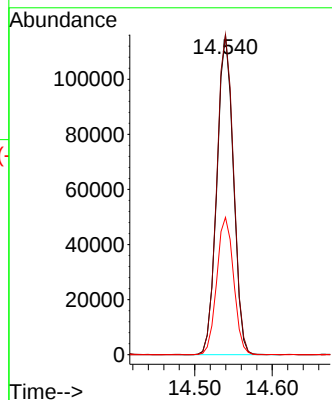
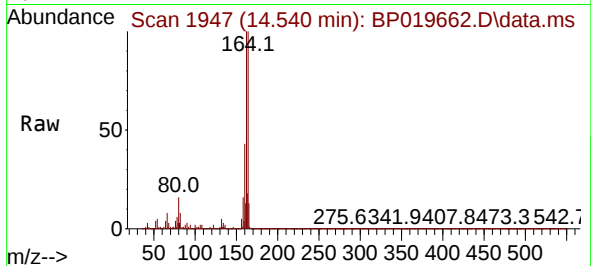




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

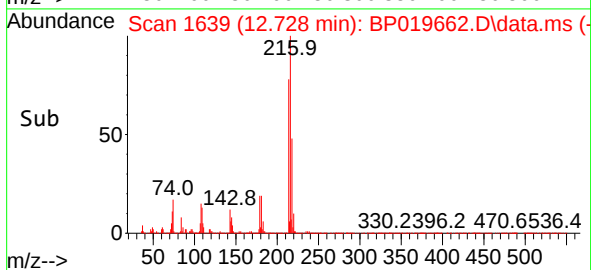
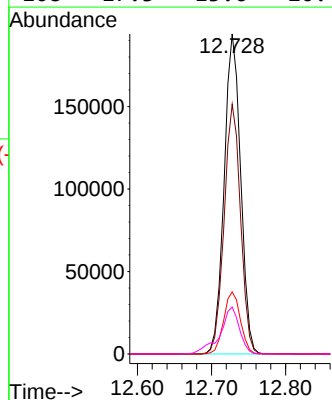
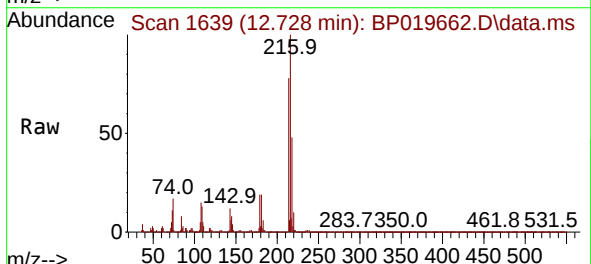
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

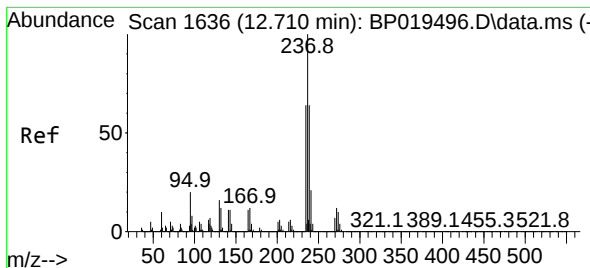
Tgt Ion:164 Resp: 171453
Ion Ratio Lower Upper
164 100
162 100.0 81.2 121.8
160 42.9 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.277 ng
RT: 12.728 min Scan# 1639
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:216 Resp: 299389
Ion Ratio Lower Upper
216 100
214 77.7 62.8 94.2
179 19.7 16.6 24.8
108 17.3 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 107.070 ng

RT: 12.699 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

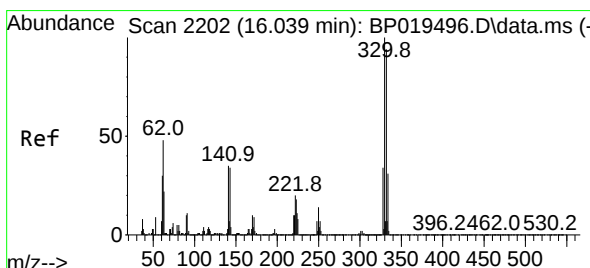
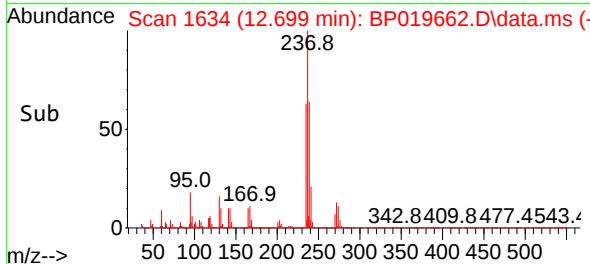
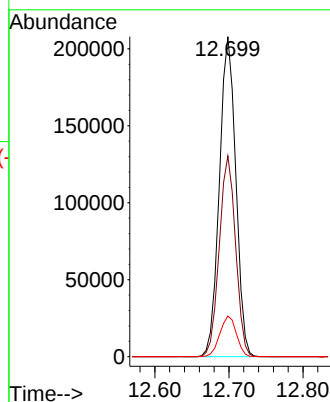
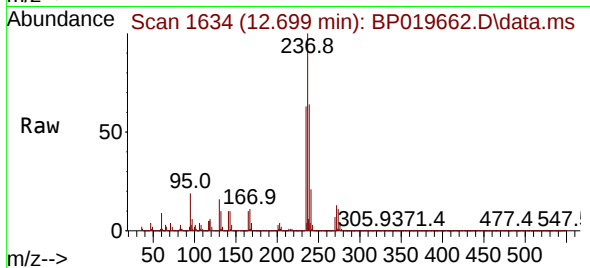
Tgt Ion:237 Resp: 319830

Ion Ratio Lower Upper

237 100

235 62.7 43.7 83.7

272 12.7 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 114.493 ng

RT: 16.034 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

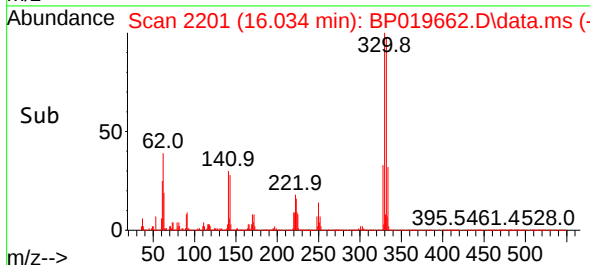
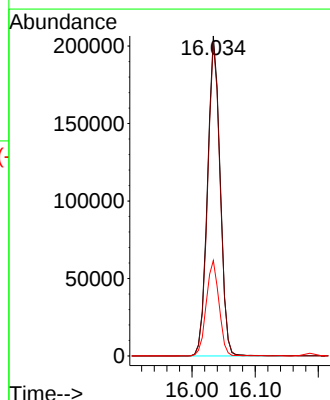
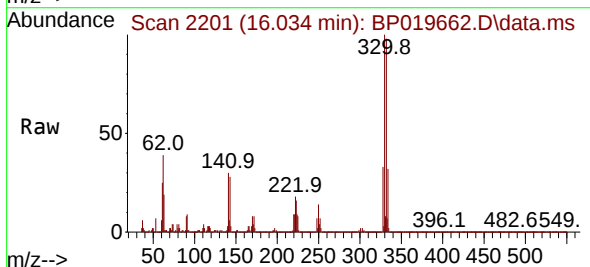
Tgt Ion:330 Resp: 286614

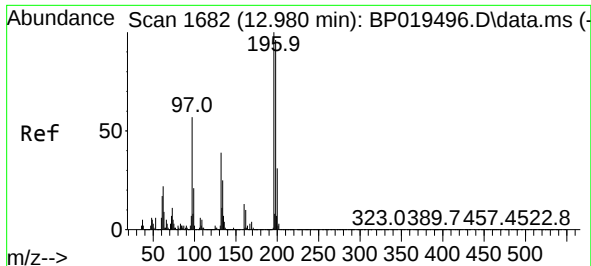
Ion Ratio Lower Upper

330 100

332 97.4 77.2 115.8

141 30.1 27.0 40.4

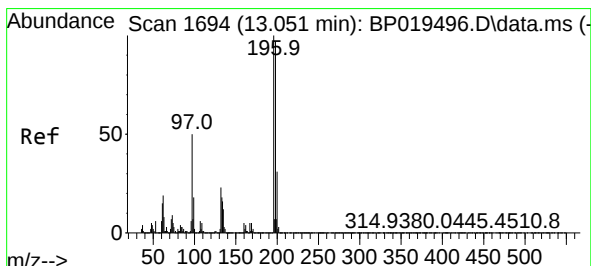
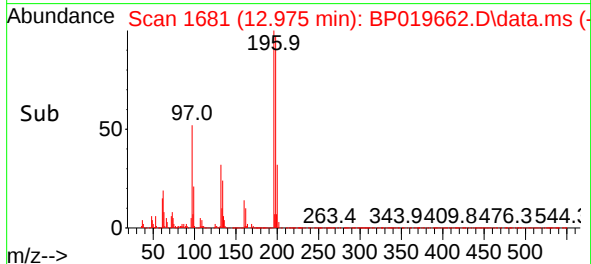
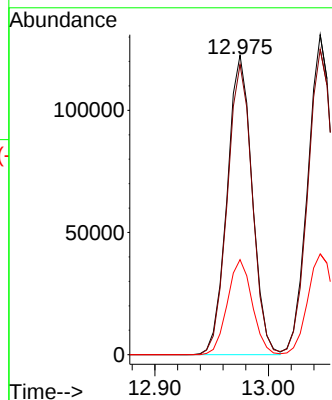
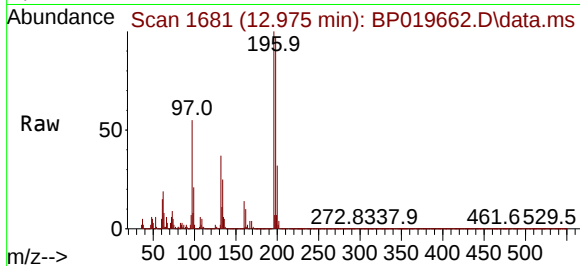




#43
2,4,6-Trichlorophenol
Concen: 46.831 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

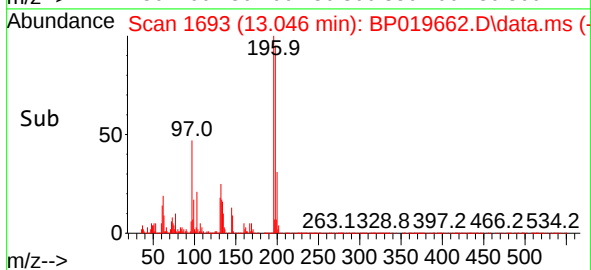
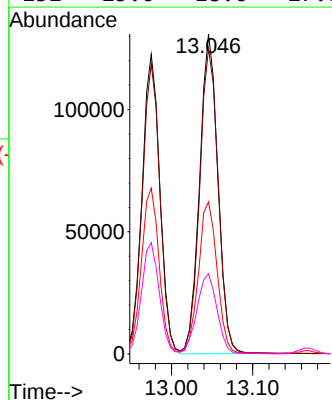
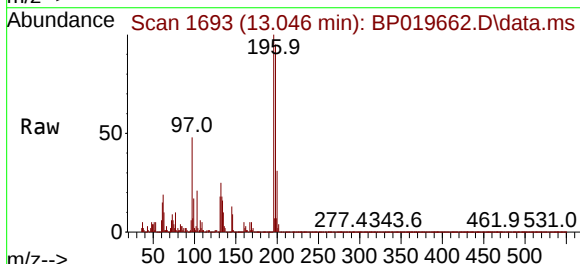
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

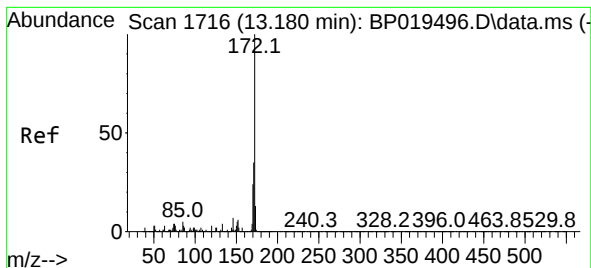
Tgt Ion:196 Resp: 187506
Ion Ratio Lower Upper
196 100
198 96.9 76.7 115.1
200 31.7 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 46.579 ng
RT: 13.046 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:196 Resp: 204788
Ion Ratio Lower Upper
196 100
198 95.5 77.5 116.3
97 47.6 39.9 59.9
132 25.0 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 57.155 ng

RT: 13.169 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

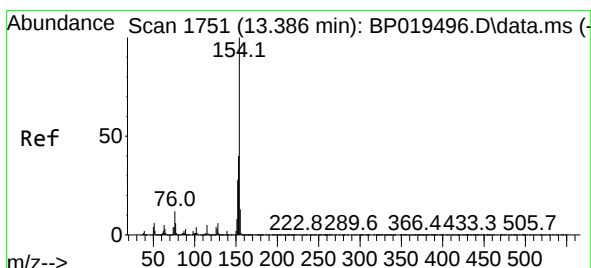
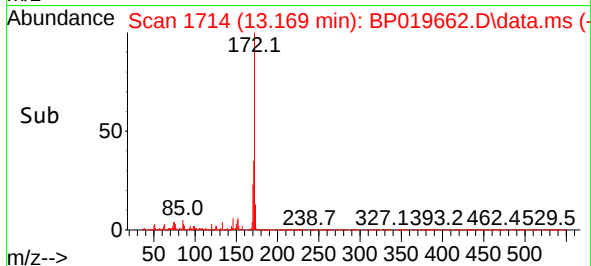
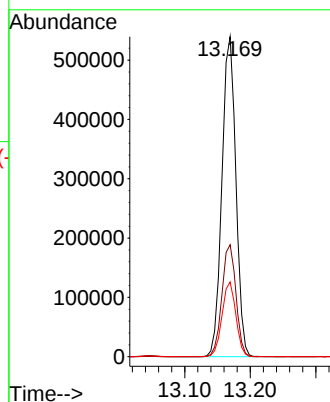
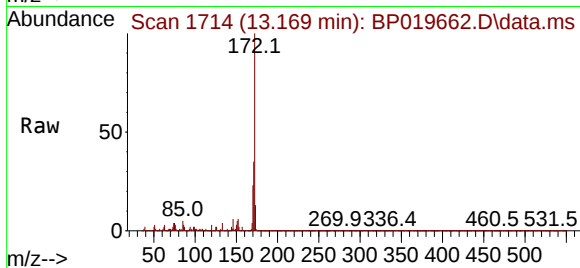
Tgt Ion:172 Resp: 792685

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 43.388 ng

RT: 13.381 min Scan# 1750

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

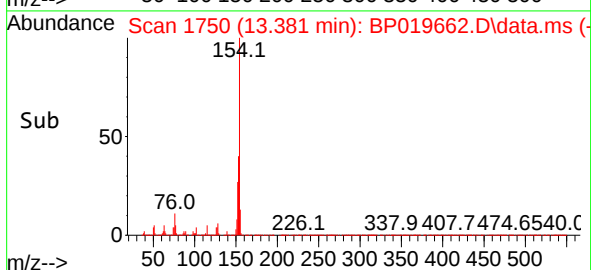
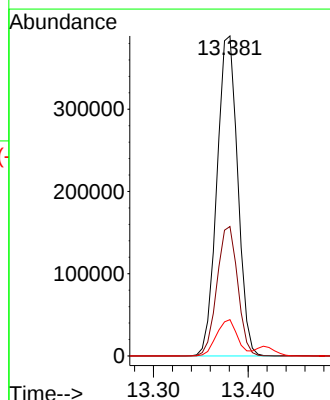
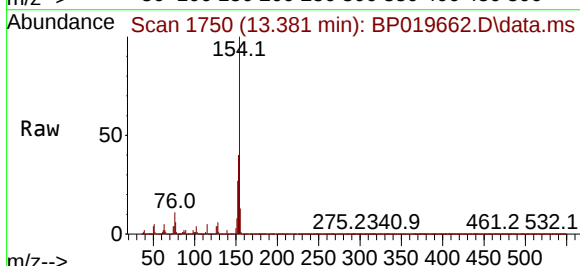
Tgt Ion:154 Resp: 593725

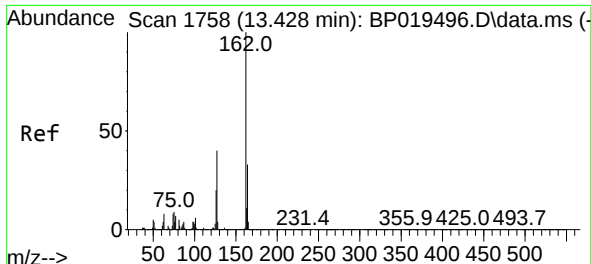
Ion Ratio Lower Upper

154 100

153 40.4 20.2 60.2

76 11.3 0.0 31.6

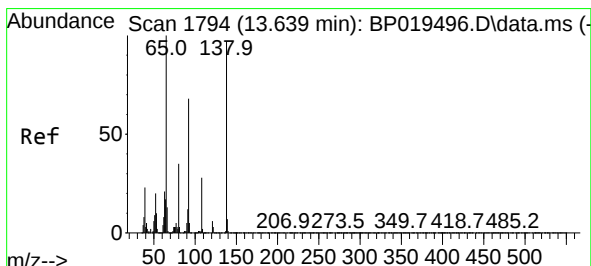
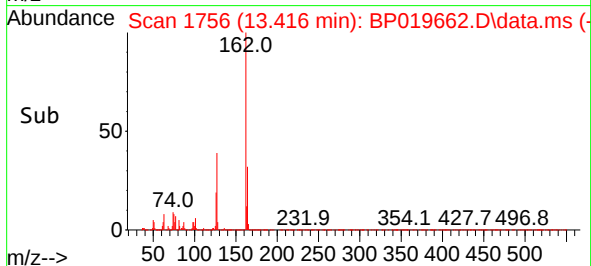
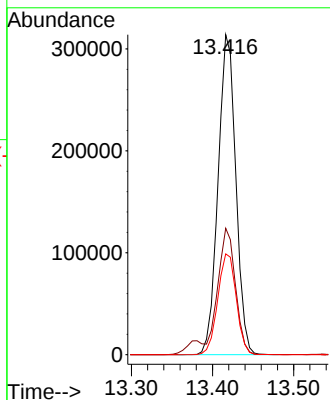
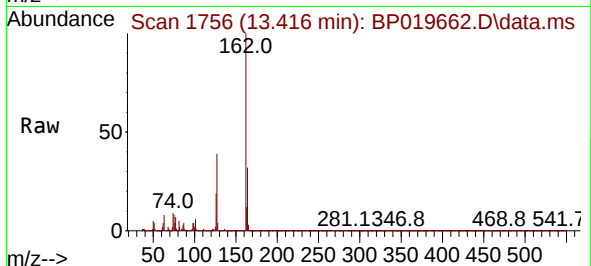




#47
2-Chloronaphthalene
Concen: 42.578 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

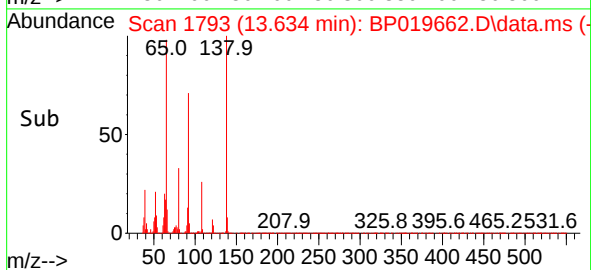
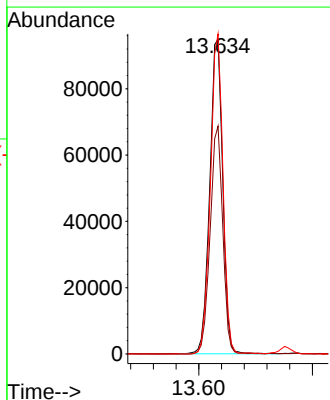
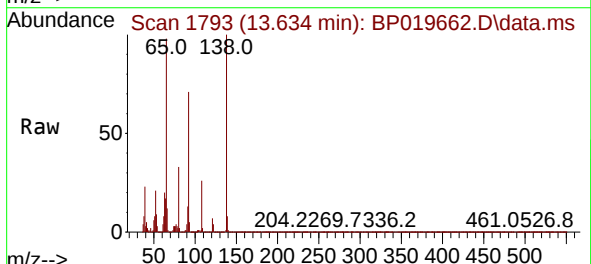
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

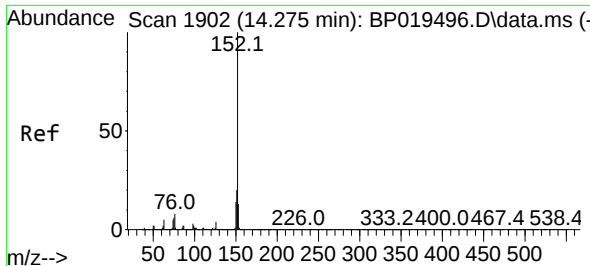
Tgt Ion:162 Resp: 478291
Ion Ratio Lower Upper
162 100
127 39.5 32.1 48.1
164 31.5 26.7 40.1



#48
2-Nitroaniline
Concen: 47.573 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion: 65 Resp: 149428
Ion Ratio Lower Upper
65 100
92 72.5 54.7 82.1
138 101.8 77.8 116.6

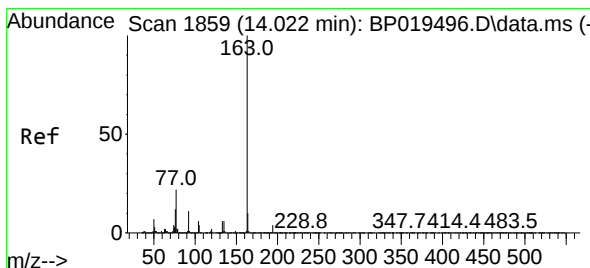
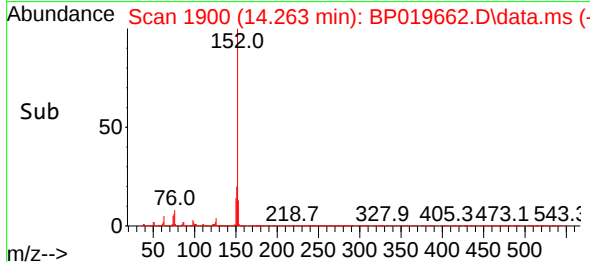
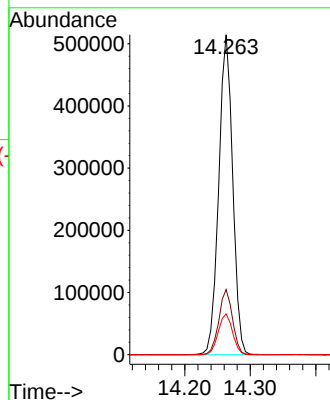
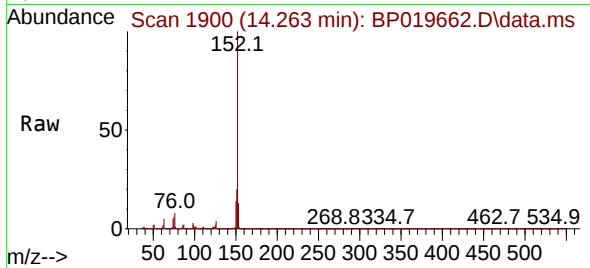




#49
Acenaphthylene
Concen: 47.908 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

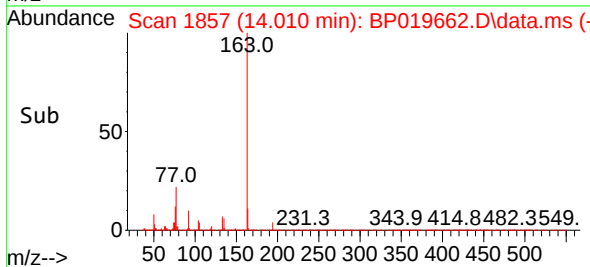
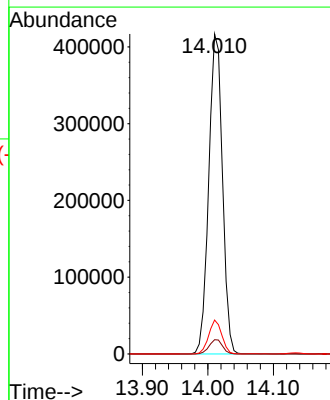
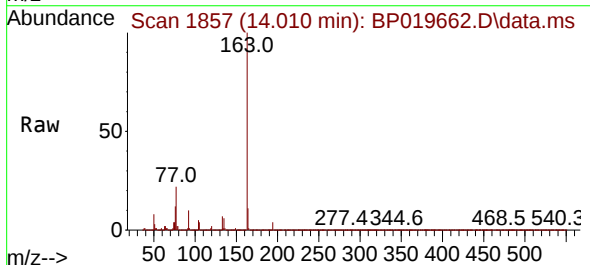
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

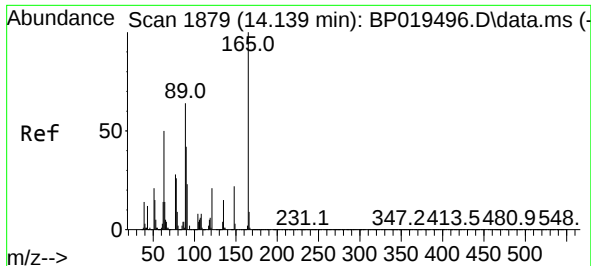
Tgt Ion:152 Resp: 755015
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.6
153 12.8 10.6 15.8



#50
Dimethylphthalate
Concen: 46.151 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:163 Resp: 605747
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.6 7.8 11.6

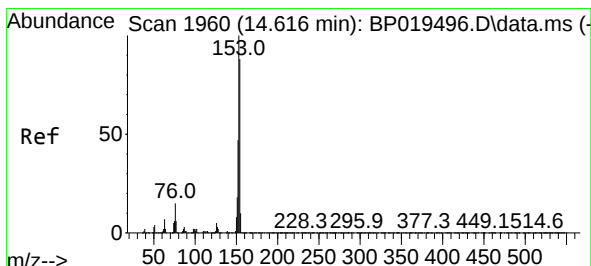
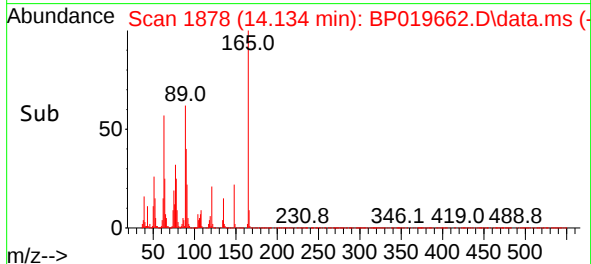
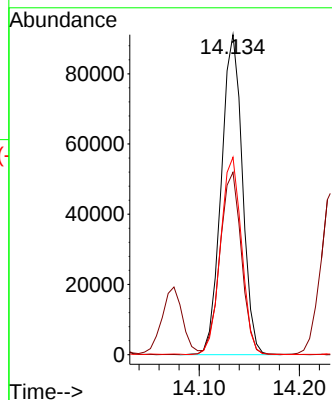
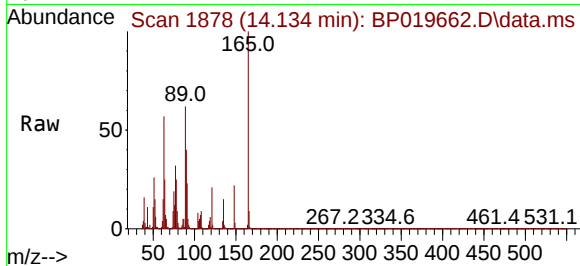




#51
2,6-Dinitrotoluene
Concen: 46.090 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

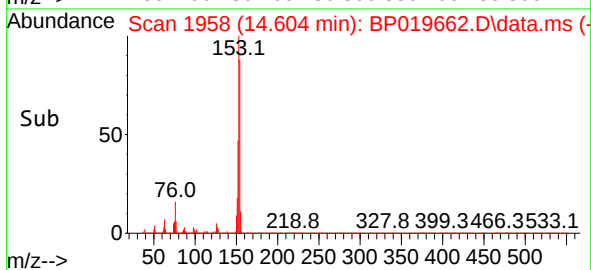
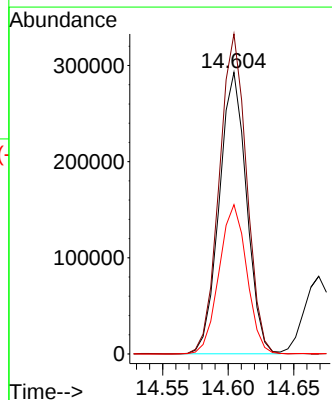
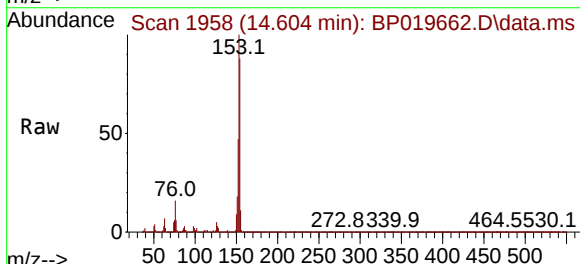
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

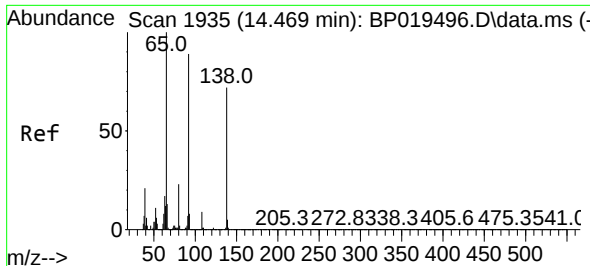
Tgt Ion:165 Resp: 132909
Ion Ratio Lower Upper
165 100
63 57.0 50.4 75.6
89 61.7 51.7 77.5



#52
Acenaphthene
Concen: 43.276 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:154 Resp: 423291
Ion Ratio Lower Upper
154 100
153 113.6 90.5 135.7
152 53.0 42.1 63.1

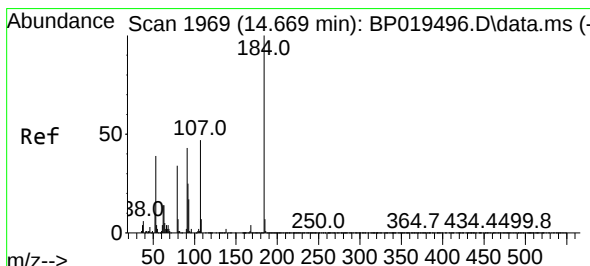
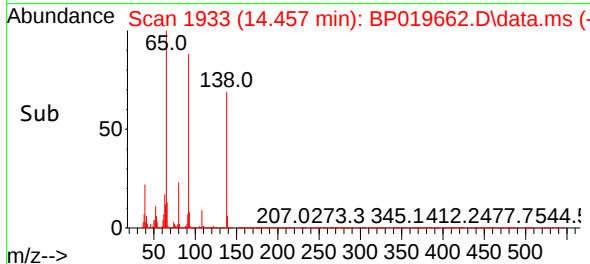
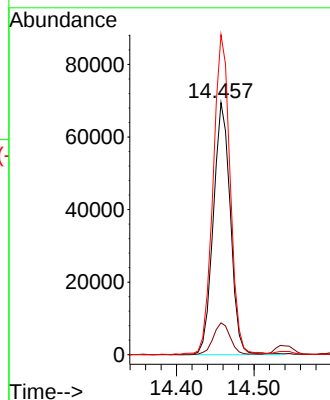
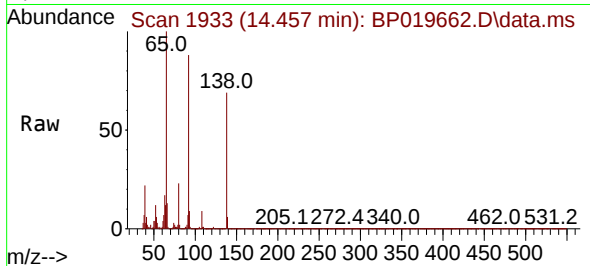




#53
3-Nitroaniline
Concen: 39.933 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

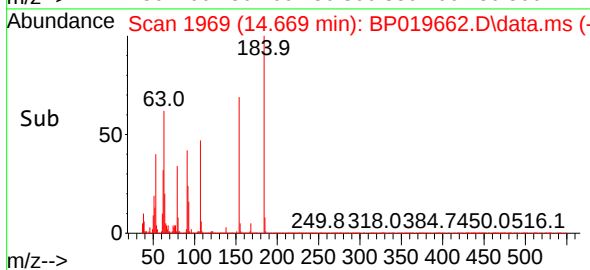
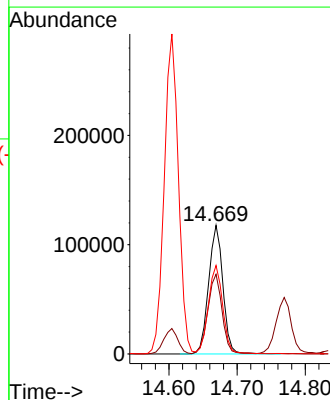
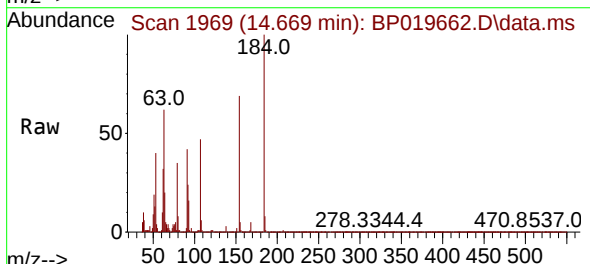
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

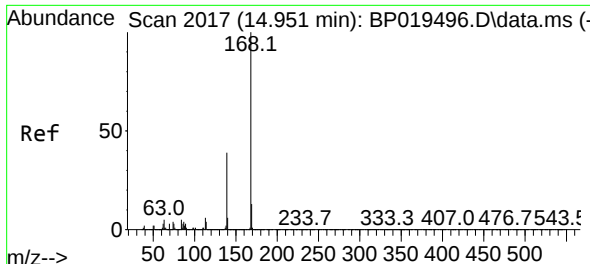
Tgt Ion:138 Resp: 105827
Ion Ratio Lower Upper
138 100
108 12.6 9.7 14.5
92 127.0 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 114.677 ng
RT: 14.669 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:184 Resp: 171701
Ion Ratio Lower Upper
184 100
63 61.9 50.5 75.7
154 68.8 53.4 80.0

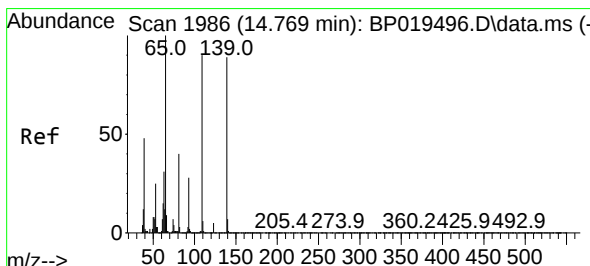
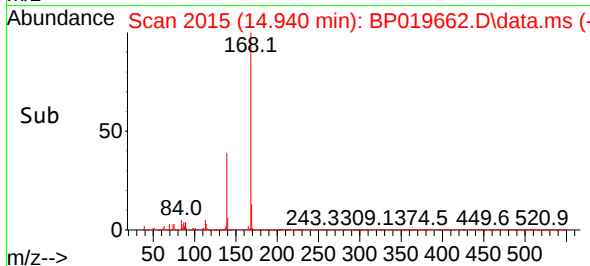
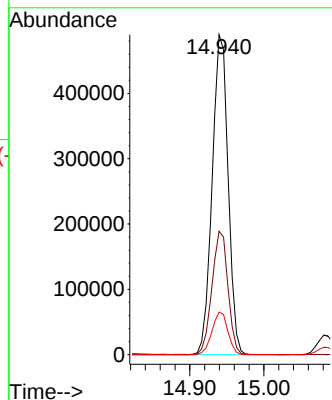
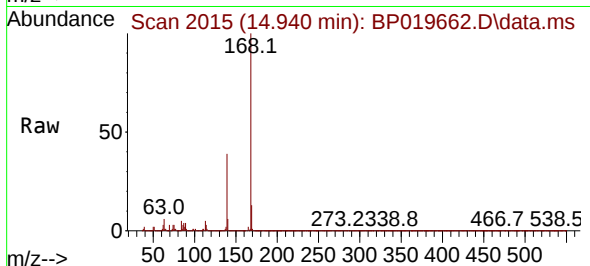




#55
Dibenzenofuran
Concen: 45.816 ng
RT: 14.940 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

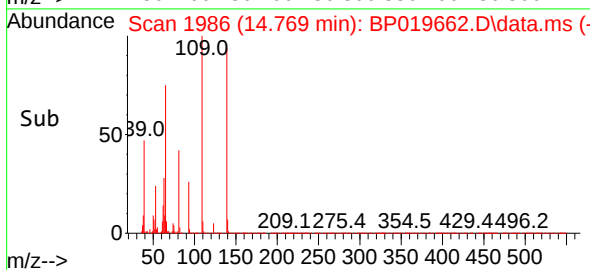
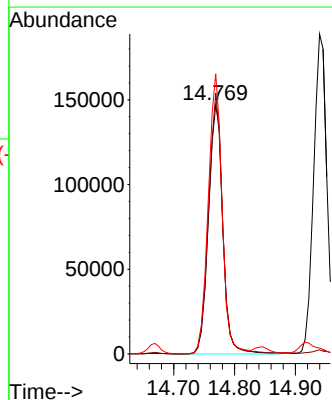
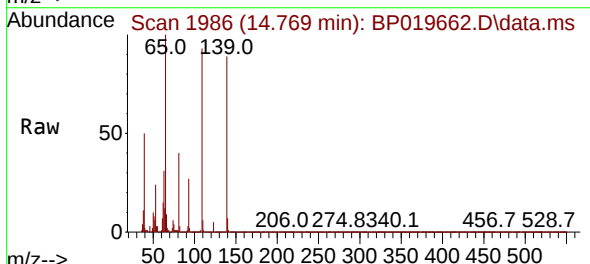
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

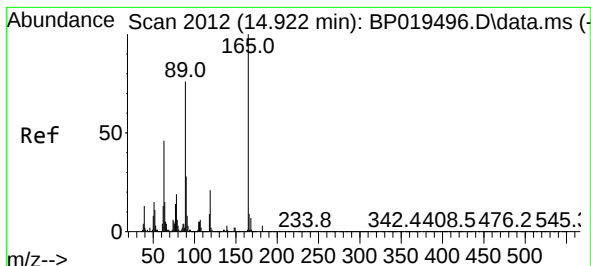
Tgt Ion:168 Resp: 729892
Ion Ratio Lower Upper
168 100
139 38.6 31.5 47.3
169 13.3 10.3 15.5



#56
4-Nitrophenol
Concen: 110.655 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:139 Resp: 240358
Ion Ratio Lower Upper
139 100
109 104.8 82.0 122.0
65 112.6 92.9 132.9





#57

2,4-Dinitrotoluene

Concen: 50.745 ng

RT: 14.916 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

Tgt Ion:165 Resp: 191760

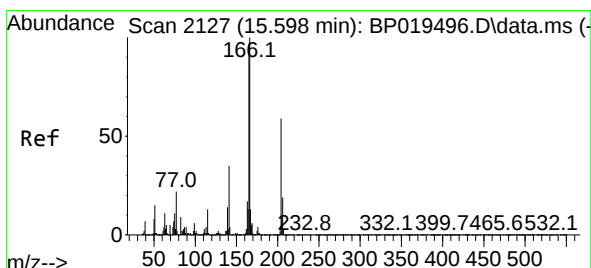
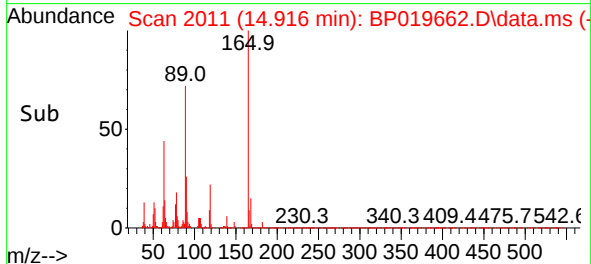
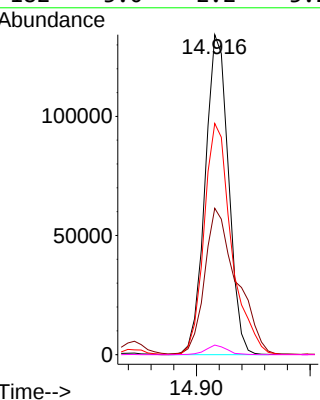
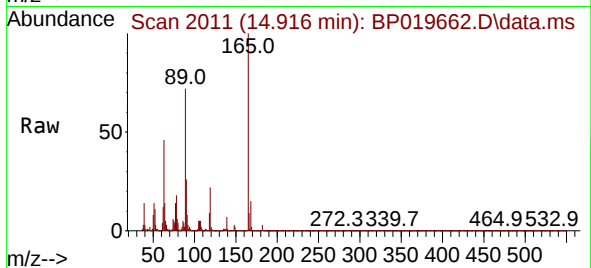
Ion Ratio Lower Upper

165 100

63 45.8 36.9 55.3

89 72.3 61.1 91.7

182 3.0 2.2 3.2



#58

Fluorene

Concen: 46.057 ng

RT: 15.592 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

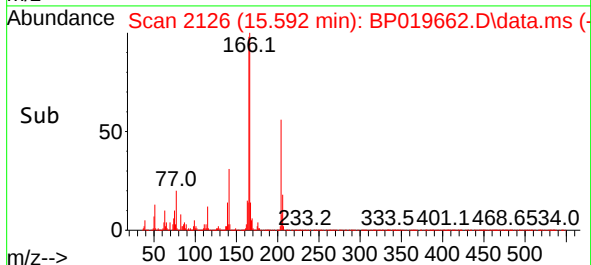
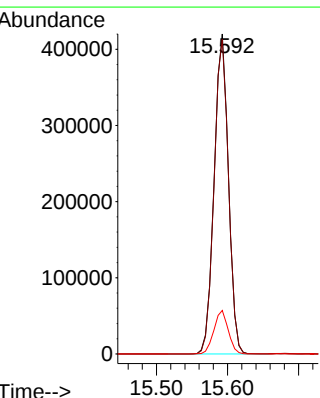
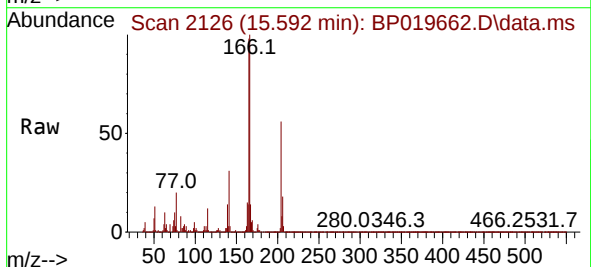
Tgt Ion:166 Resp: 584393

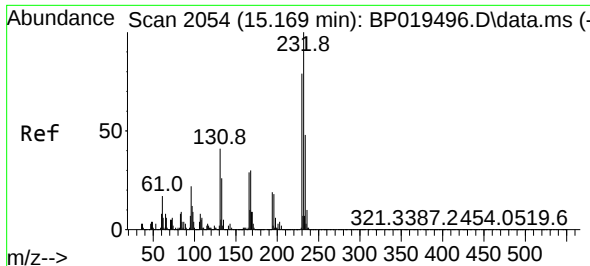
Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.8

167 13.6 10.7 16.1

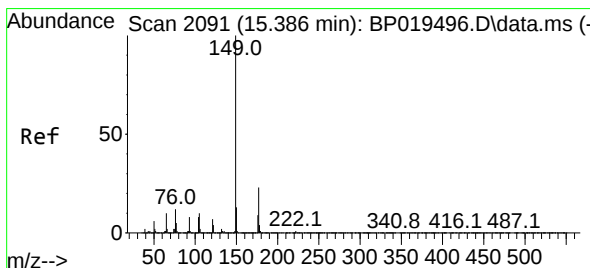
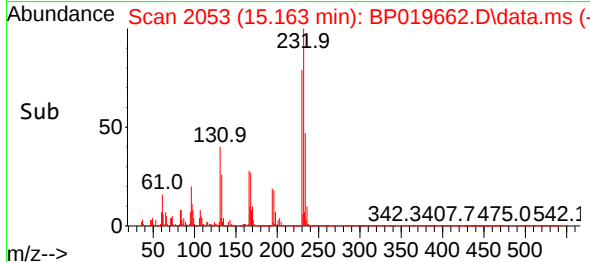
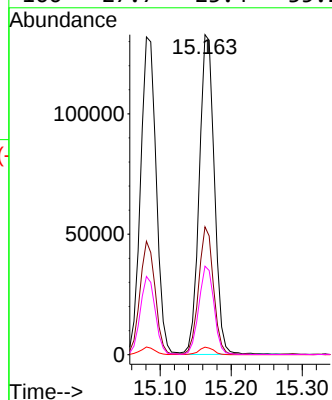
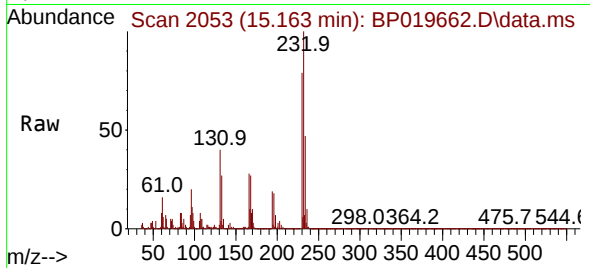




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.283 ng
RT: 15.163 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

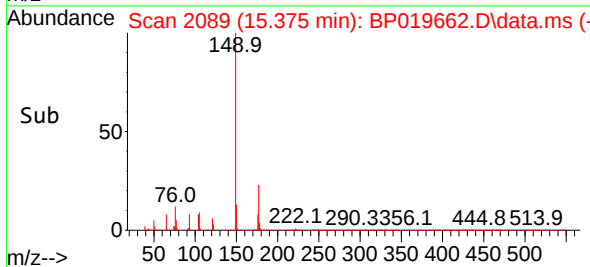
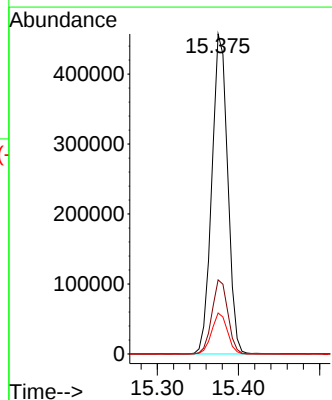
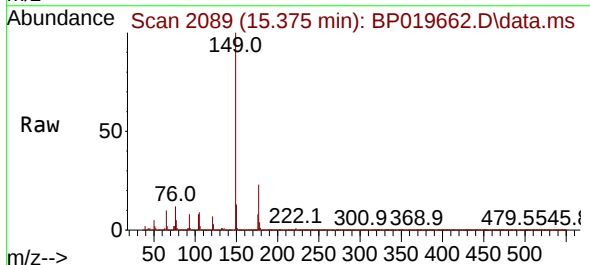
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

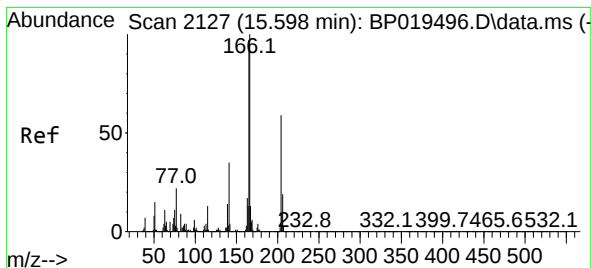
Tgt Ion:232	Resp:	197049
Ion Ratio	Lower	Upper
232	100	
131	39.0	32.4 48.6
130	2.3	1.9 2.9
166	27.7	23.4 35.2



#60
Diethylphthalate
Concen: 47.439 ng
RT: 15.375 min Scan# 2089
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:149	Resp:	619326
Ion Ratio	Lower	Upper
149	100	
177	23.1	18.2 27.2
150	12.8	10.2 15.4

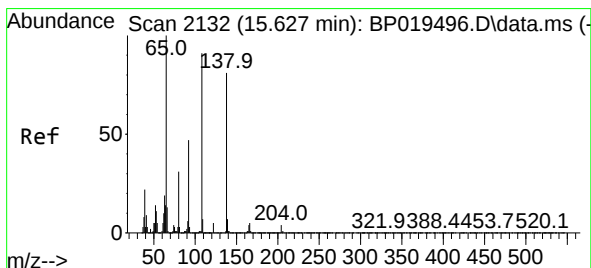
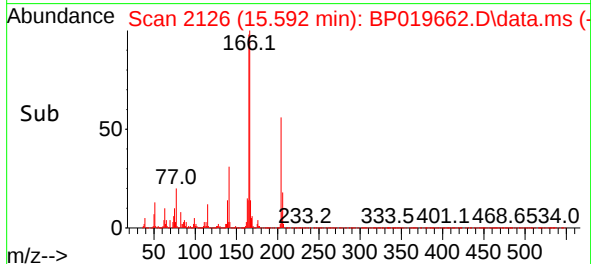
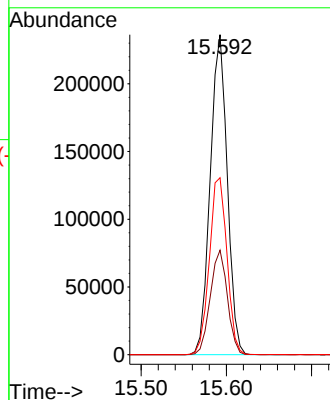
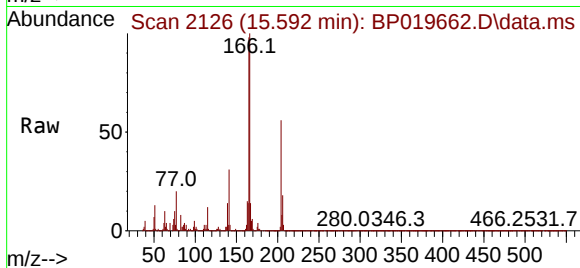




#61
4-Chlorophenyl-phenylether
Concen: 45.974 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

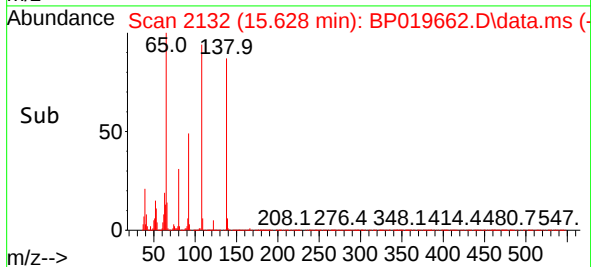
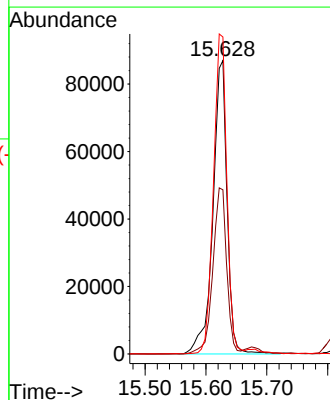
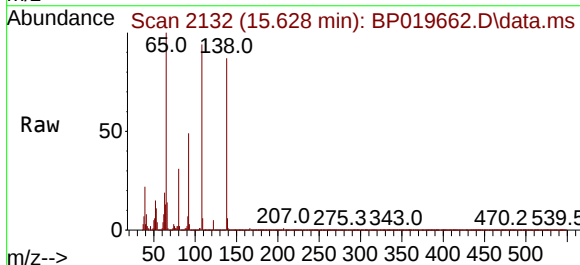
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

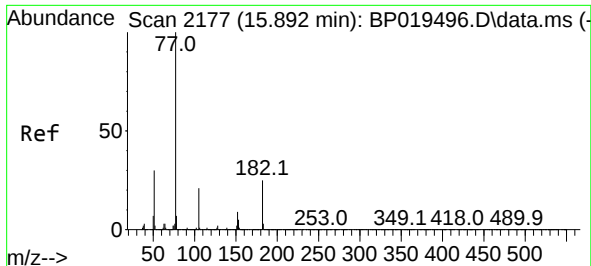
Tgt Ion:204 Resp: 327870
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 55.3 48.5 72.7



#62
4-Nitroaniline
Concen: 50.698 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:138 Resp: 140830
Ion Ratio Lower Upper
138 100
92 55.9 38.3 78.3
108 108.0 91.2 131.2

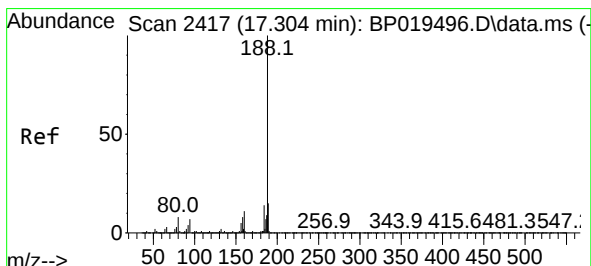
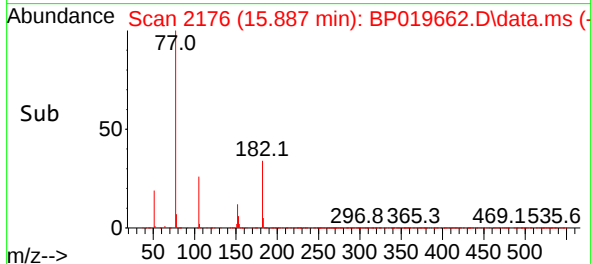
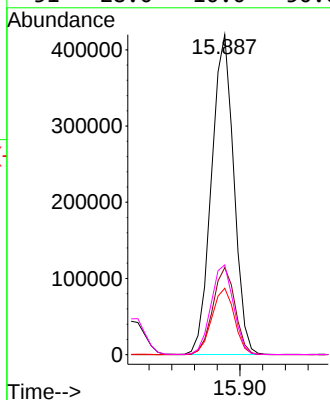
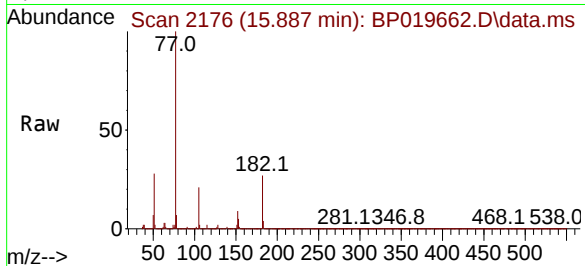




#63
Azobenzene
Concen: 45.271 ng
RT: 15.887 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

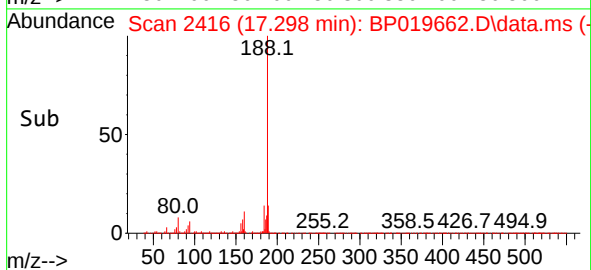
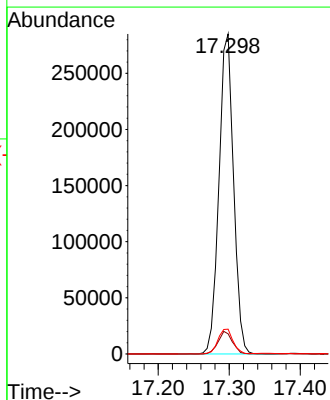
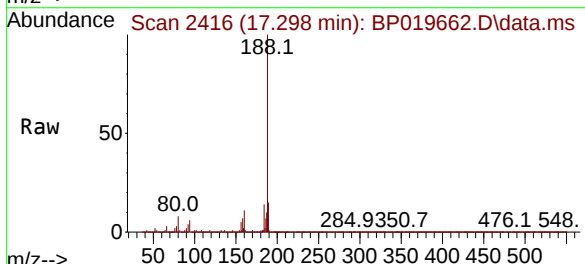
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

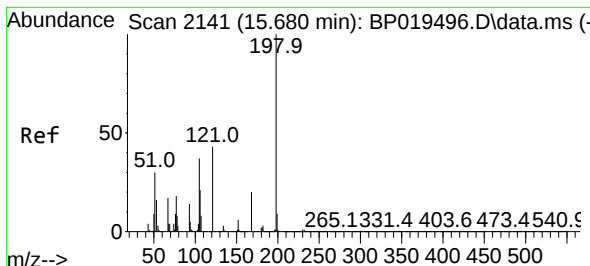
Tgt Ion: 77	Resp: 571522
Ion Ratio	Lower Upper
77 100	
182 27.2	5.1 45.1
105 20.8	0.8 40.8
51 28.0	10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion: 188	Resp: 404386
Ion Ratio	Lower Upper
188 100	
94 6.3	5.4 8.2
80 7.7	6.3 9.5

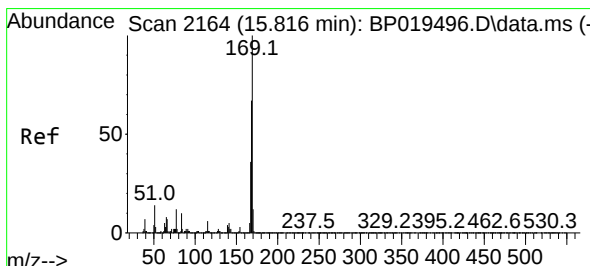
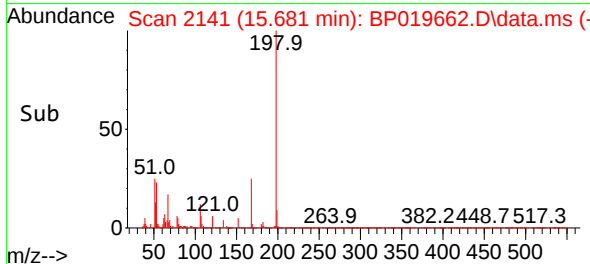
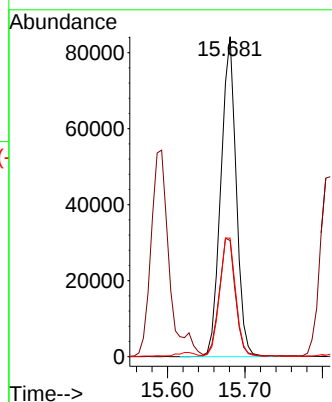
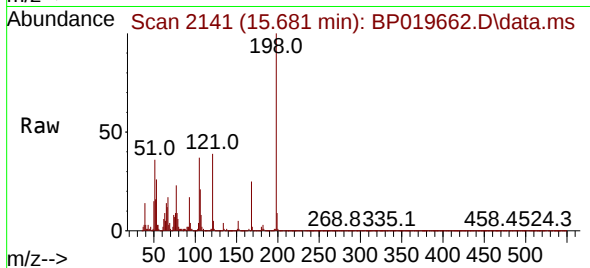




#65
4,6-Dinitro-2-methylphenol
Concen: 50.252 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

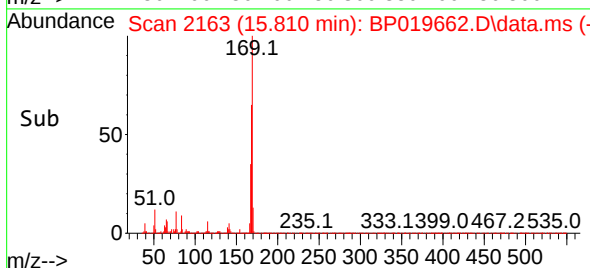
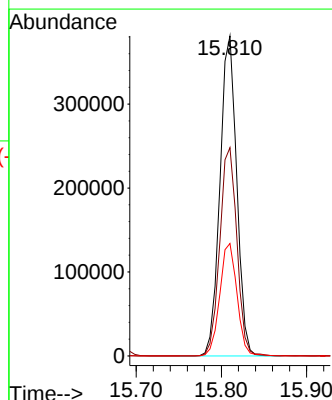
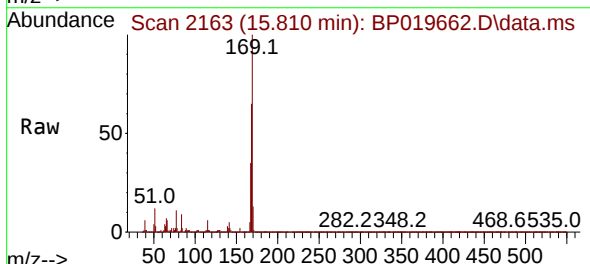
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

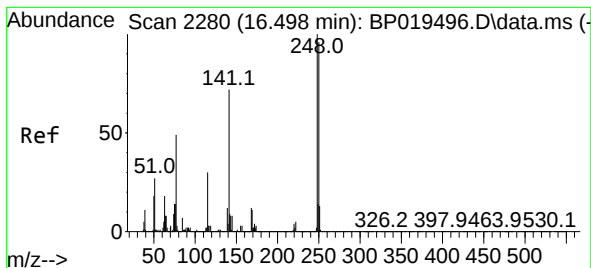
Tgt Ion:198 Resp: 115873
Ion Ratio Lower Upper
198 100
51 36.3 21.2 61.2
105 37.1 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 43.043 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:169 Resp: 521287
Ion Ratio Lower Upper
169 100
168 65.1 53.4 80.2
167 35.2 28.9 43.3

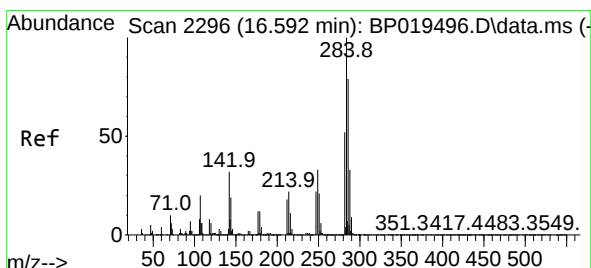
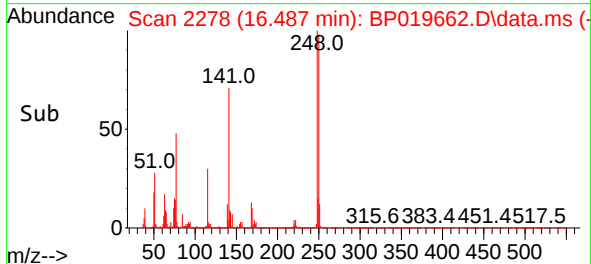
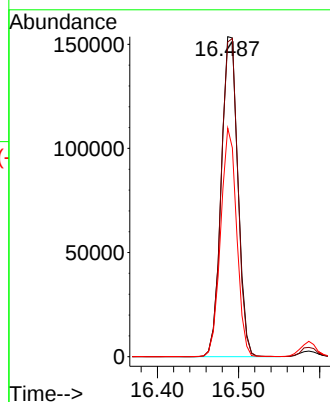
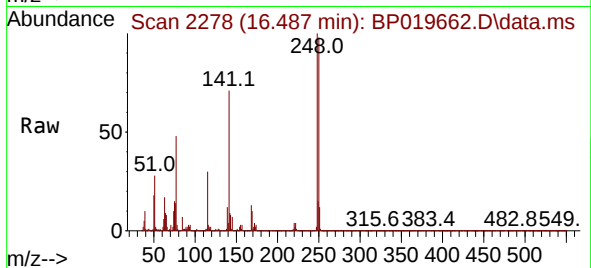




#67
4-Bromophenyl-phenylether
Concen: 43.308 ng
RT: 16.487 min Scan# 2189
Delta R.T. -0.011 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

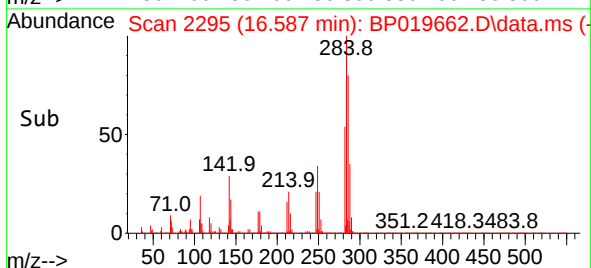
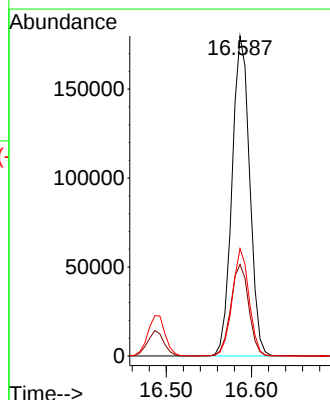
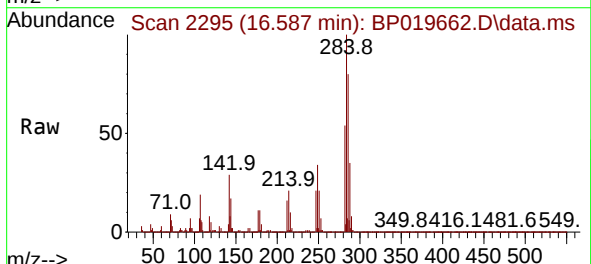
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

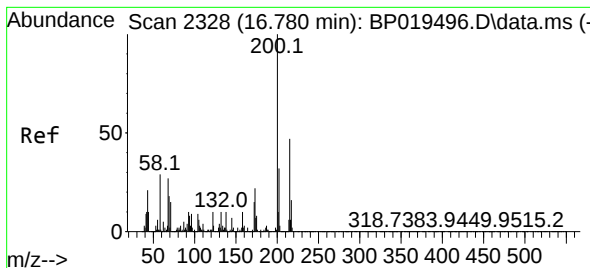
Tgt Ion:248 Resp: 218936
Ion Ratio Lower Upper
248 100
250 98.3 76.9 115.3
141 71.4 58.0 87.0



#68
Hexachlorobenzene
Concen: 43.736 ng
RT: 16.587 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:284 Resp: 258195
Ion Ratio Lower Upper
284 100
142 28.6 25.4 38.2
249 33.6 26.5 39.7





#69

Atrazine

Concen: 53.900 ng

RT: 16.769 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

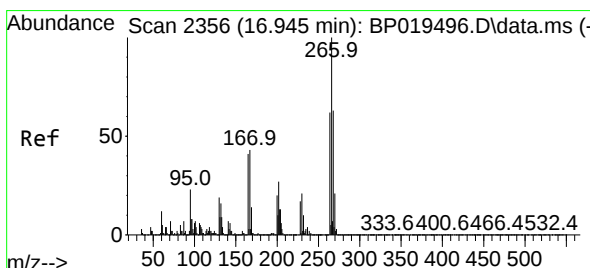
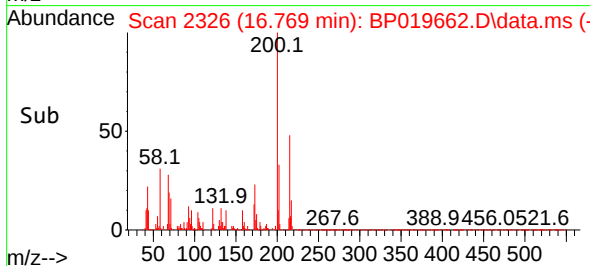
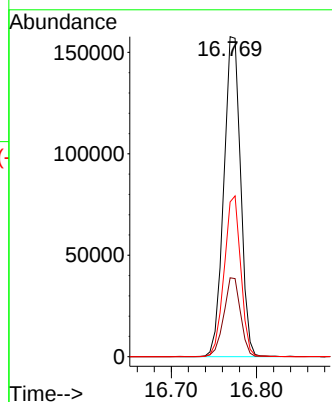
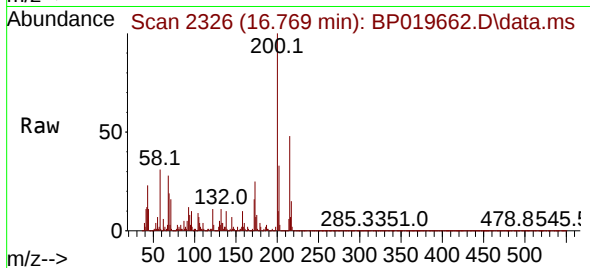
Tgt Ion:200 Resp: 216613

Ion Ratio Lower Upper

200 100

173 24.6 1.7 41.7

215 48.3 26.9 66.9



#70

Pentachlorophenol

Concen: 100.643 ng

RT: 16.939 min Scan# 2355

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

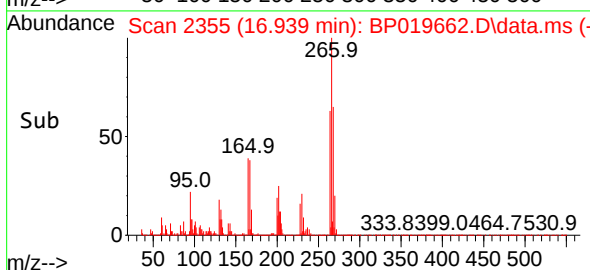
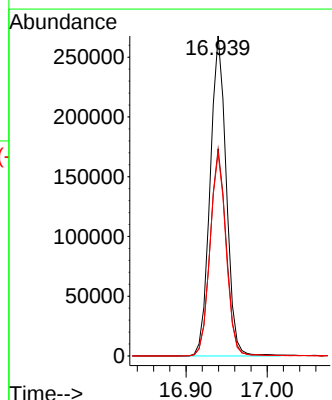
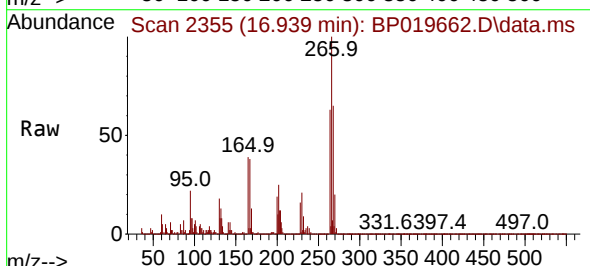
Tgt Ion:266 Resp: 370000

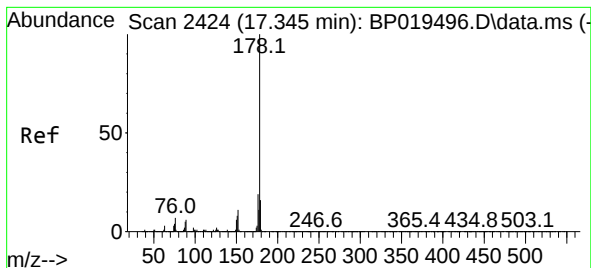
Ion Ratio Lower Upper

266 100

268 64.7 50.3 75.5

264 63.3 49.7 74.5





#71

Phenanthrene

Concen: 45.717 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

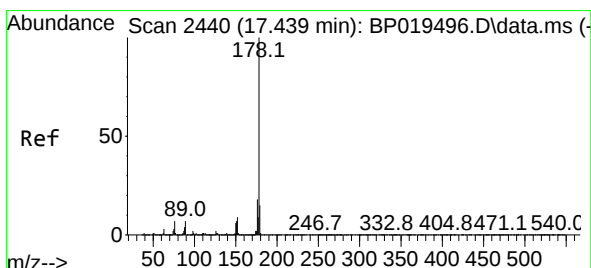
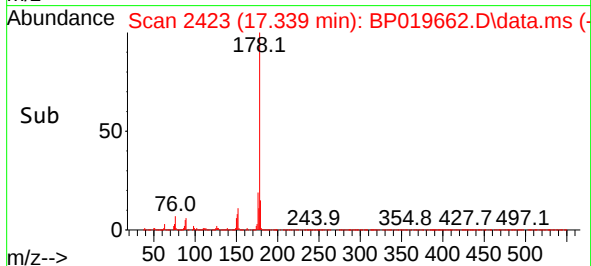
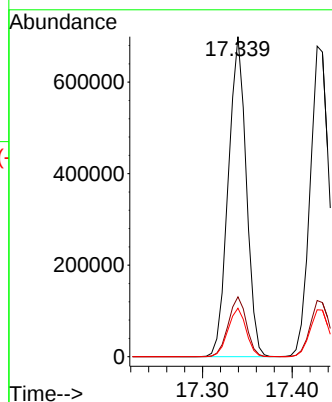
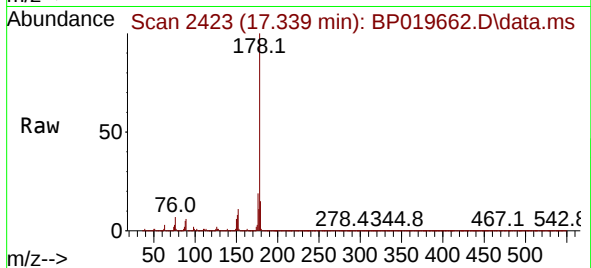
Tgt Ion:178 Resp: 972933

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

179 15.2 12.6 19.0



#72

Anthracene

Concen: 47.122 ng

RT: 17.428 min Scan# 2438

Delta R.T. -0.011 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

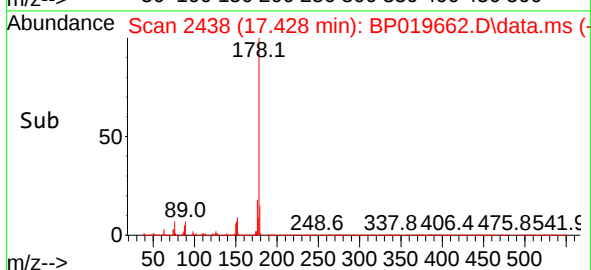
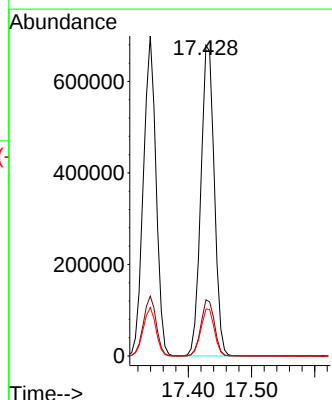
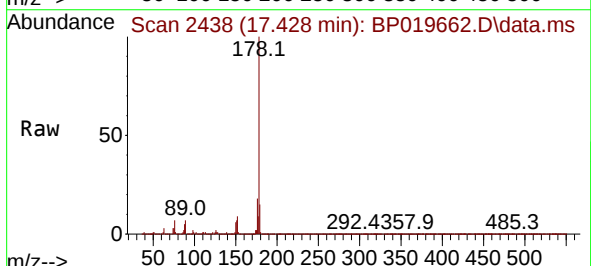
Tgt Ion:178 Resp: 1000384

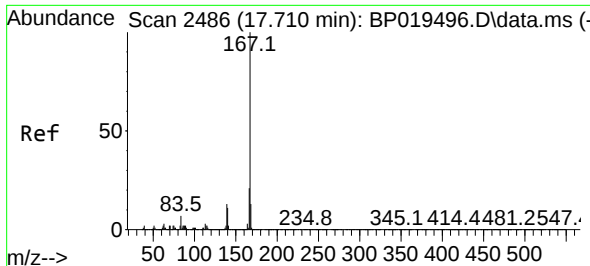
Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

179 15.1 12.2 18.2

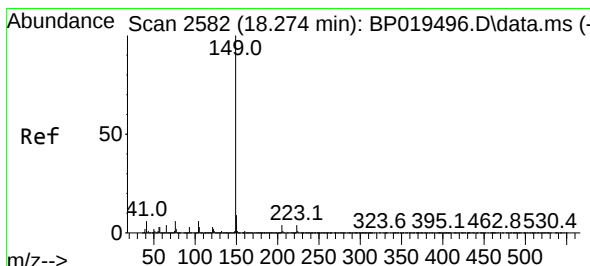
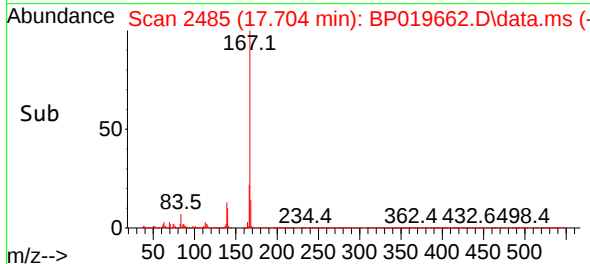
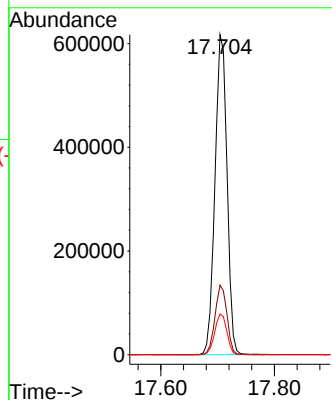
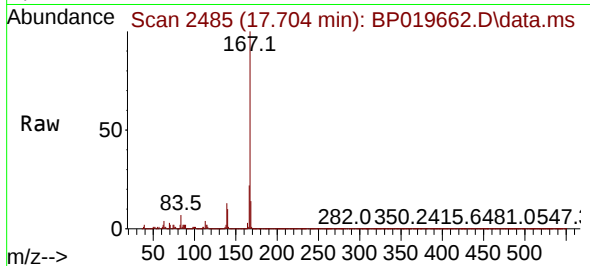




#73
 Carbazole
 Concen: 46.888 ng
 RT: 17.704 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BP019662.D
 Acq: 12 Feb 2024 14:46

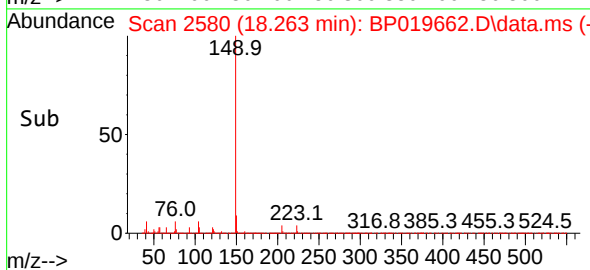
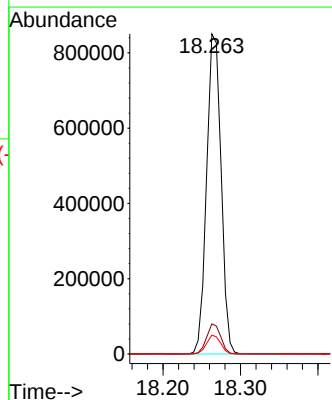
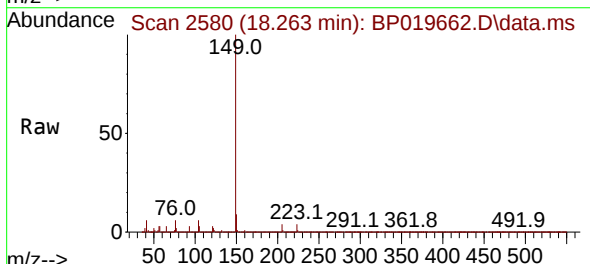
Instrument :
 BNA_P
 ClientSampleId :
 SB-3(4-5)MSD

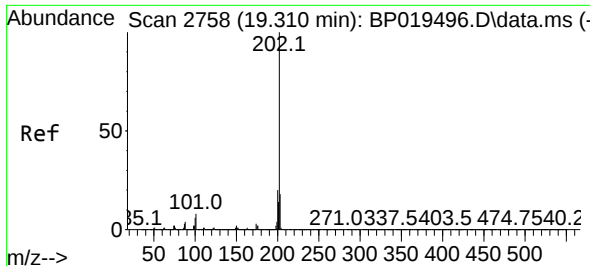
Tgt Ion:167 Resp: 904283
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.8 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 47.298 ng
 RT: 18.263 min Scan# 2580
 Delta R.T. -0.011 min
 Lab File: BP019662.D
 Acq: 12 Feb 2024 14:46

Tgt Ion:149 Resp: 1102945
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.9 4.8 7.2

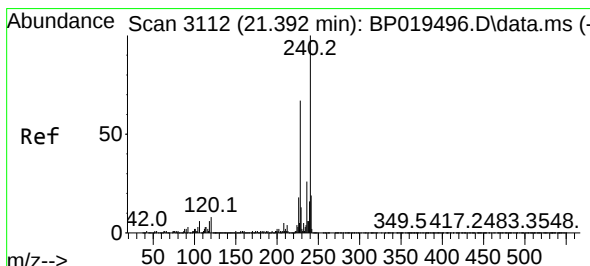
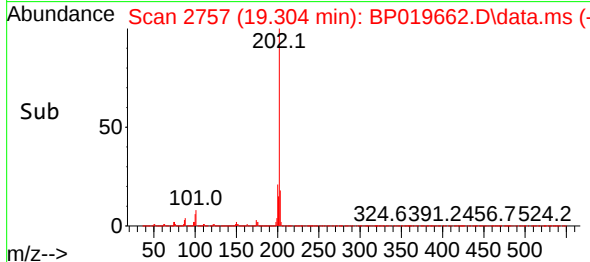
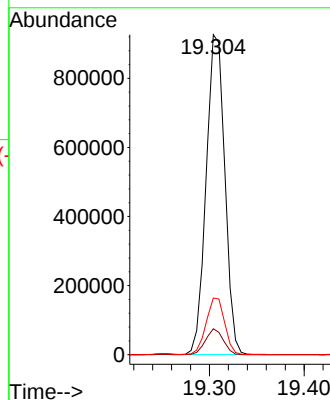
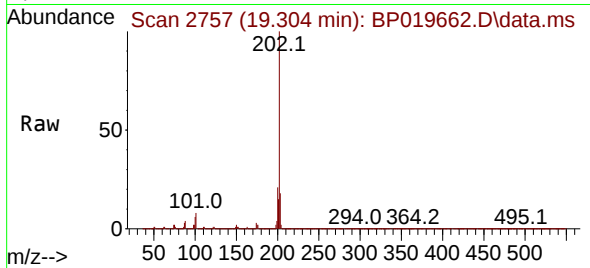




#75
Fluoranthene
Concen: 48.640 ng
RT: 19.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

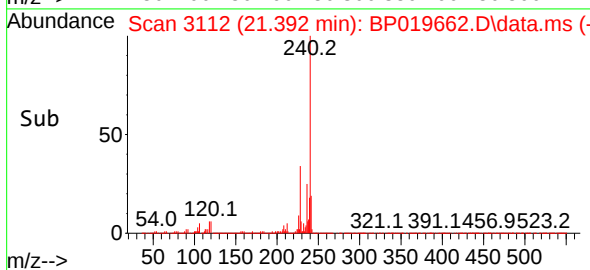
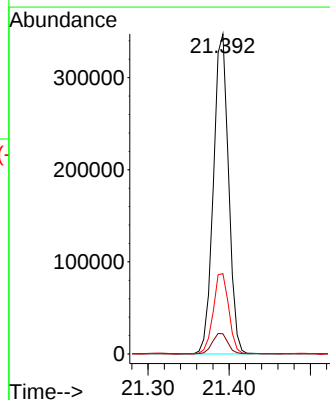
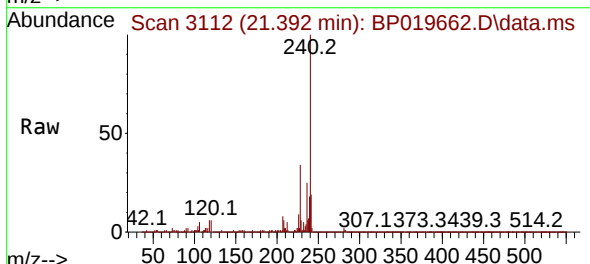
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

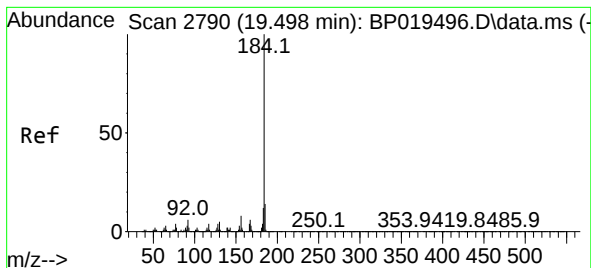
Tgt Ion:202 Resp: 1264527
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.7
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:240 Resp: 449752
Ion Ratio Lower Upper
240 100
120 6.3 6.1 9.1
236 25.1 20.7 31.1





#77

Benzidine

Concen: 85.847 ng

RT: 19.498 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

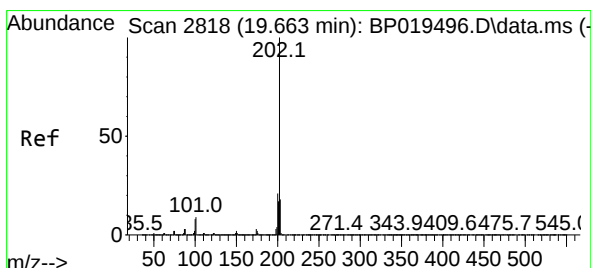
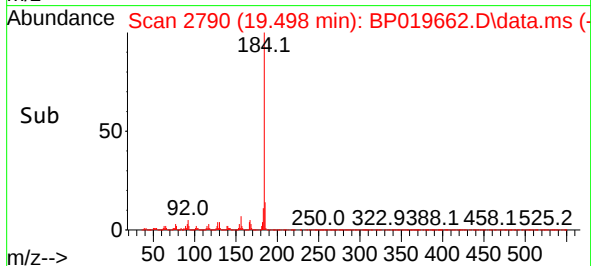
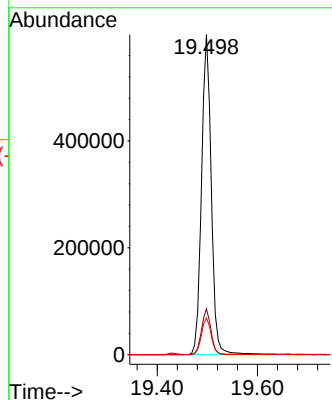
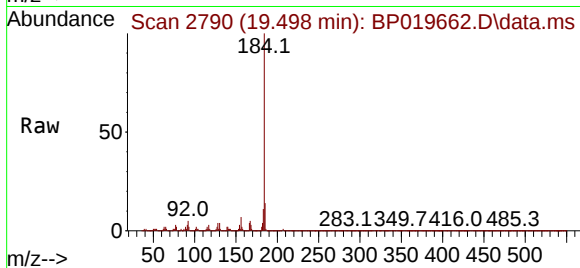
Tgt Ion:184 Resp: 807206

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

183 11.5 9.7 14.5



#78

Pyrene

Concen: 41.784 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

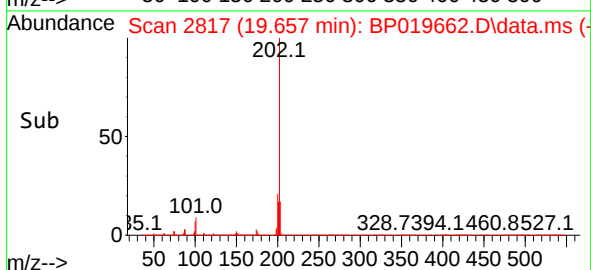
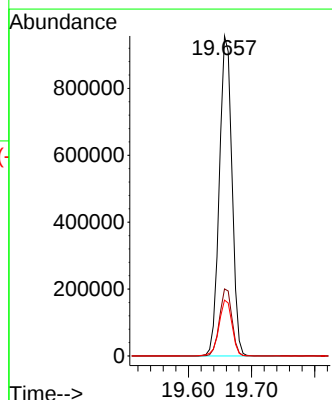
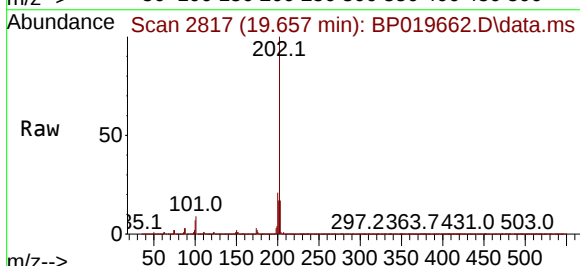
Tgt Ion:202 Resp: 1326284

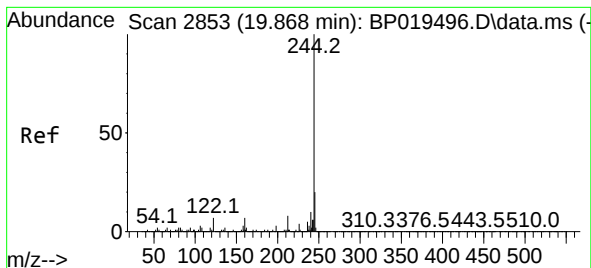
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 57.183 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

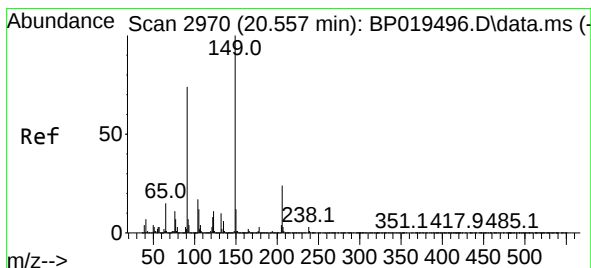
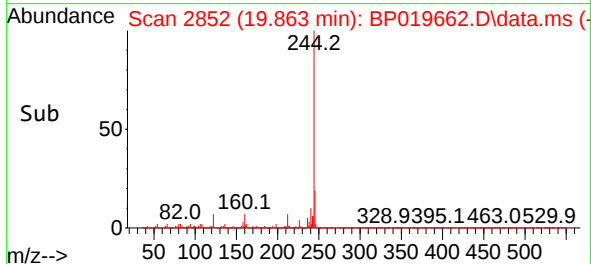
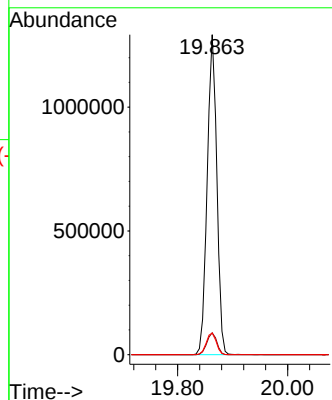
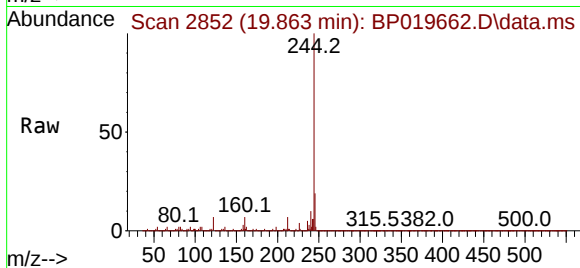
Tgt Ion:244 Resp: 1563839

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

122 6.8 5.9 8.9



#80

Butylbenzylphthalate

Concen: 45.663 ng

RT: 20.551 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

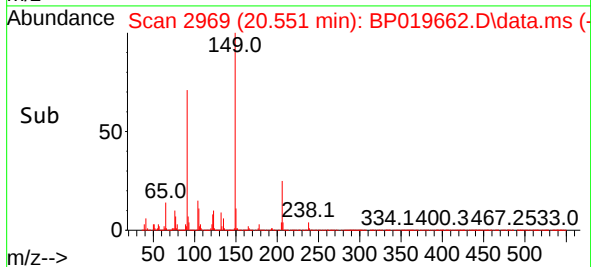
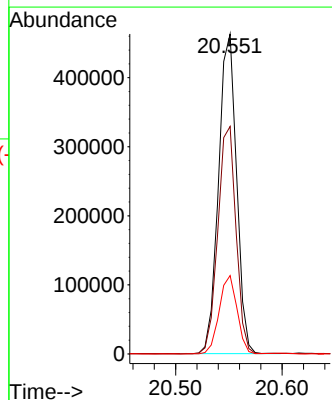
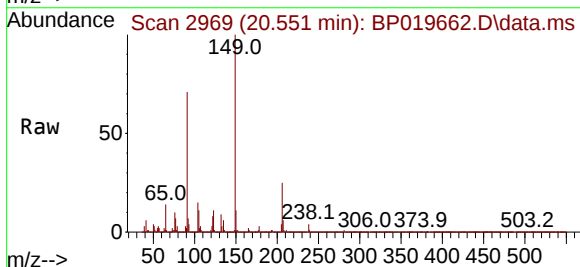
Tgt Ion:149 Resp: 541282

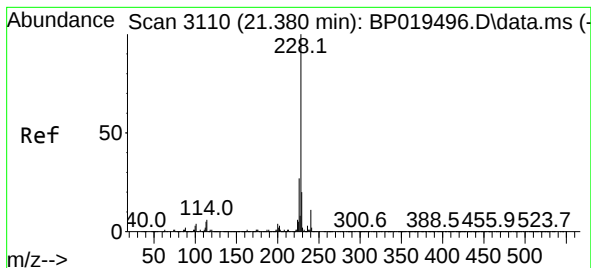
Ion Ratio Lower Upper

149 100

91 71.1 59.4 89.0

206 24.5 19.0 28.6





#81

Benzo(a)anthracene

Concen: 45.578 ng

RT: 21.375 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

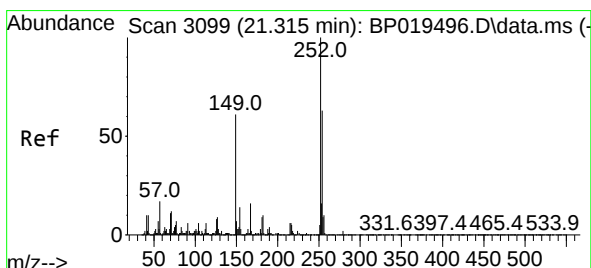
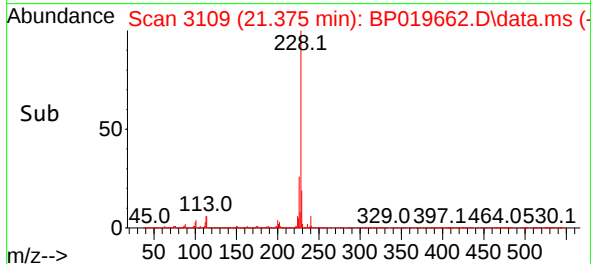
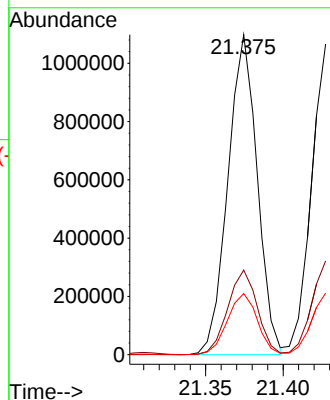
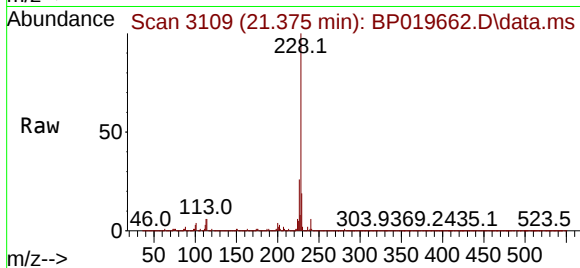
Tgt Ion:228 Resp: 1442975

Ion Ratio Lower Upper

228 100

226 26.4 21.7 32.5

229 19.1 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 45.267 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

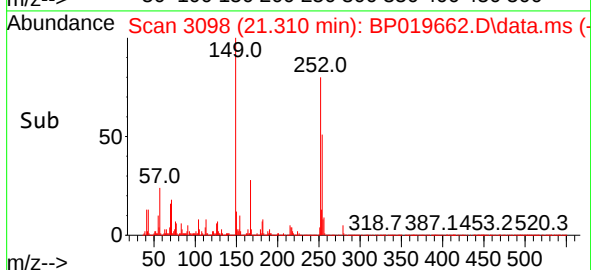
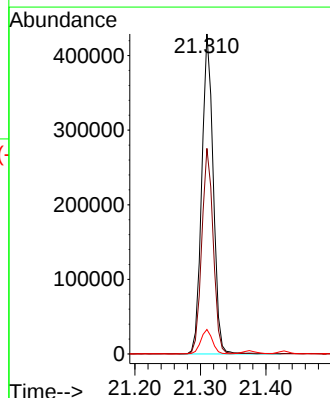
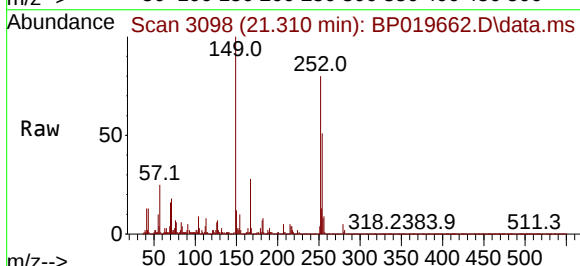
Tgt Ion:252 Resp: 522233

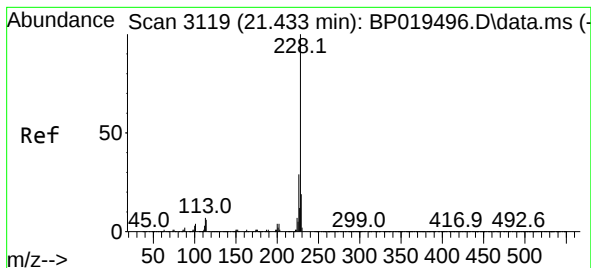
Ion Ratio Lower Upper

252 100

254 64.2 50.7 76.1

126 7.7 6.4 9.6





#83

Chrysene

Concen: 44.605 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

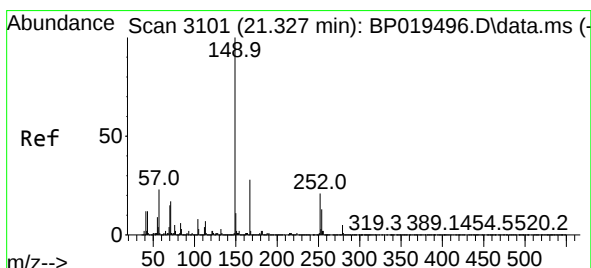
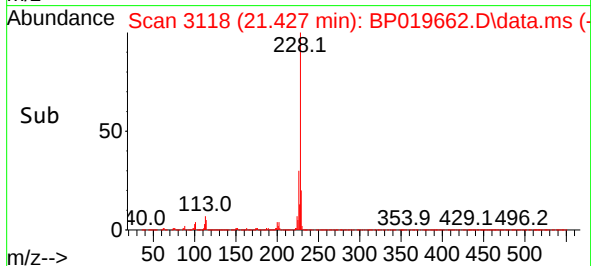
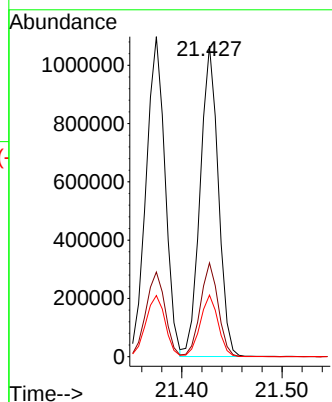
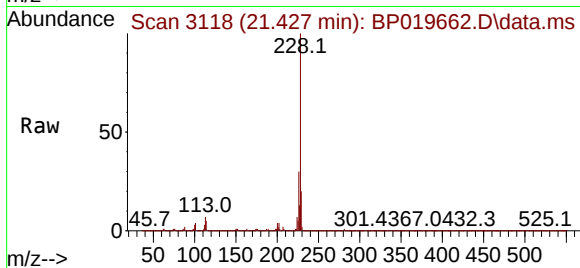
Tgt Ion:228 Resp: 1340730

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.389 ng

RT: 21.316 min Scan# 3099

Delta R.T. -0.011 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

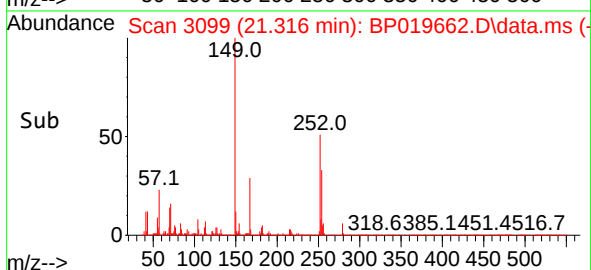
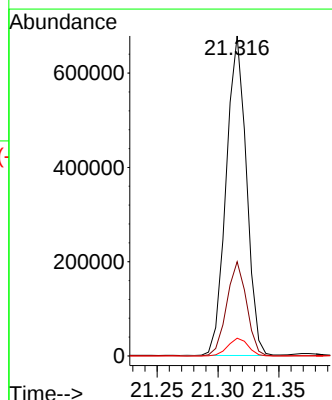
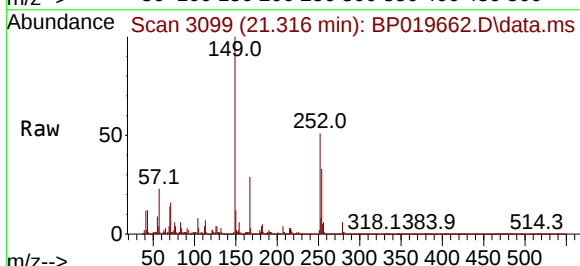
Tgt Ion:149 Resp: 783190

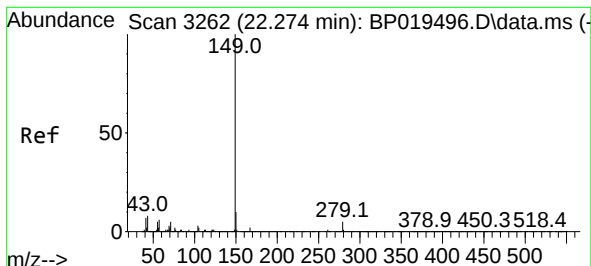
Ion Ratio Lower Upper

149 100

167 29.5 22.7 34.1

279 5.6 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 43.730 ng

RT: 22.257 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

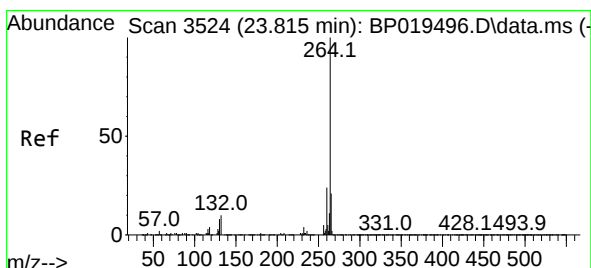
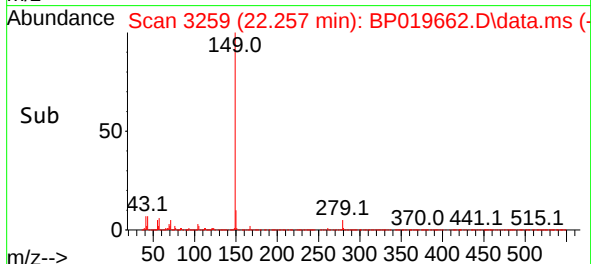
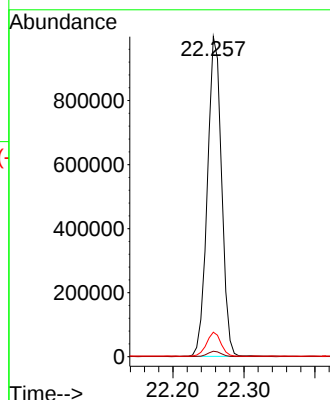
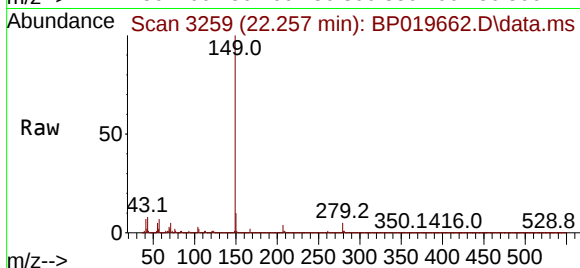
Tgt Ion:149 Resp: 1388769

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

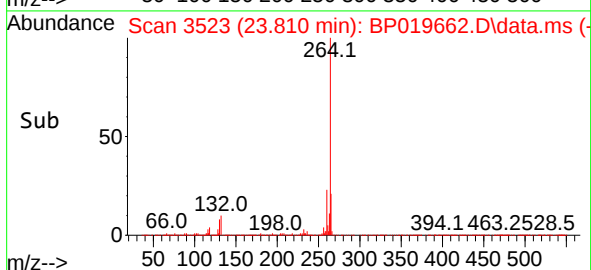
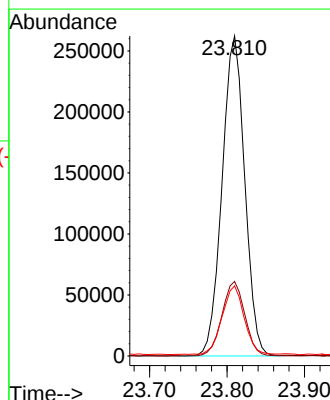
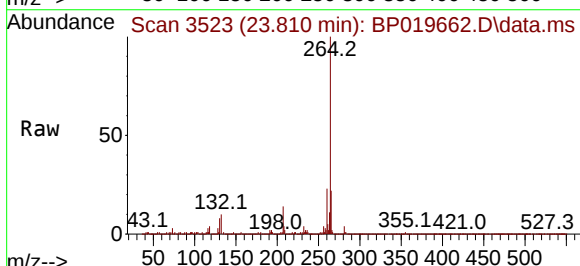
Tgt Ion:264 Resp: 532604

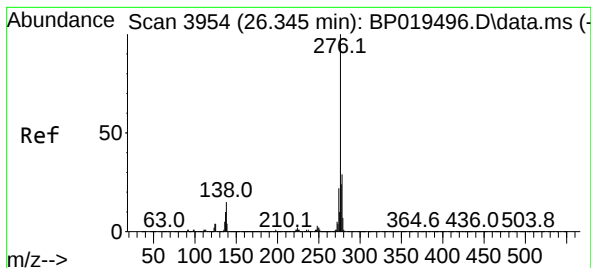
Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.917 ng

RT: 26.345 min Scan# 3954

Delta R.T. 0.000 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

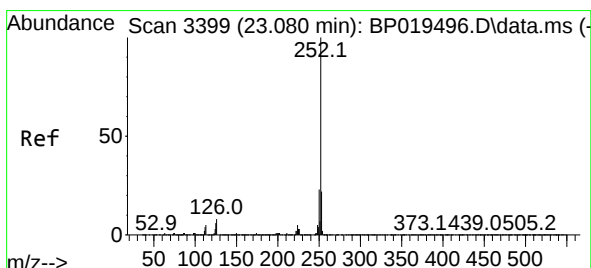
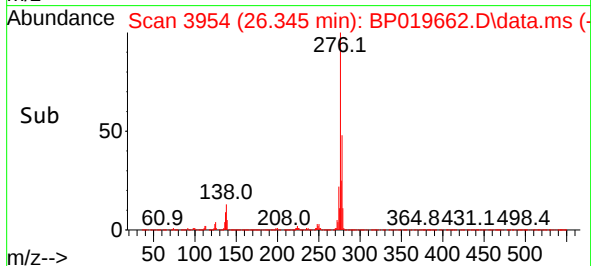
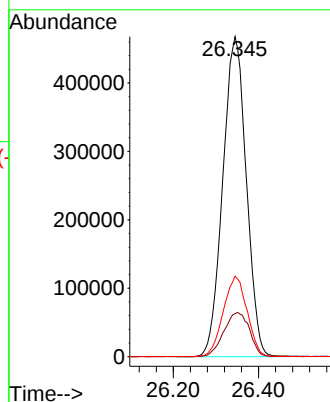
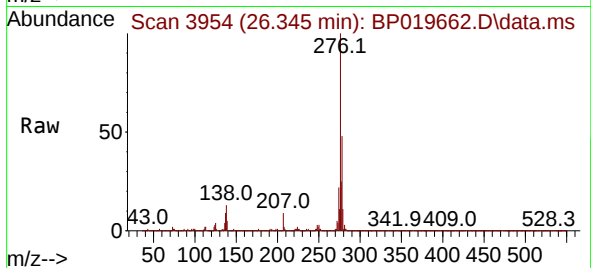
Tgt Ion:276 Resp: 1790433

Ion Ratio Lower Upper

276 100

138 15.1 13.1 19.7

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 45.249 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

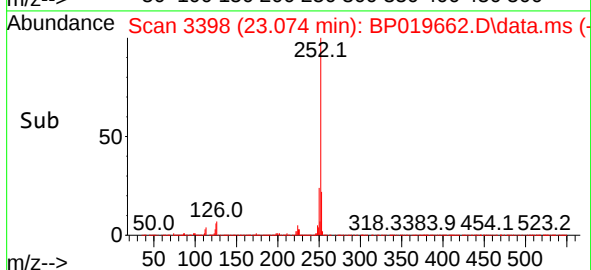
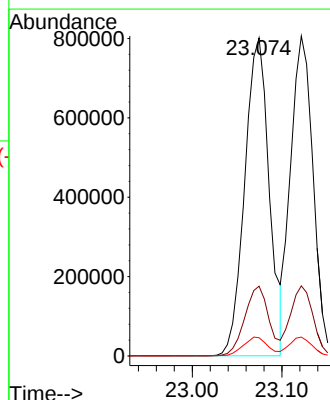
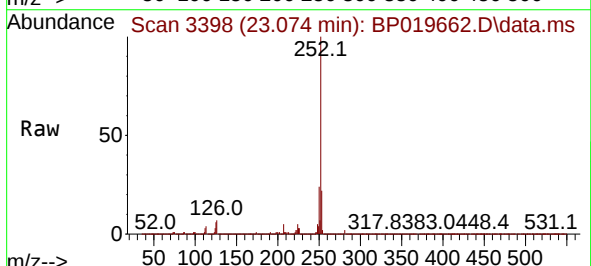
Tgt Ion:252 Resp: 1518900

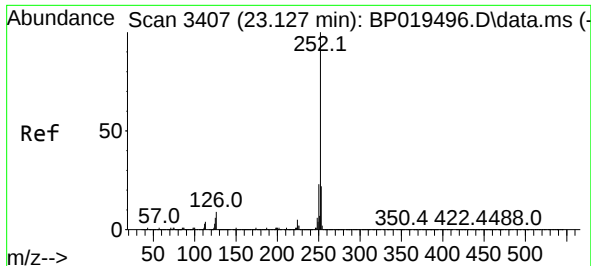
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 5.7 4.9 7.3

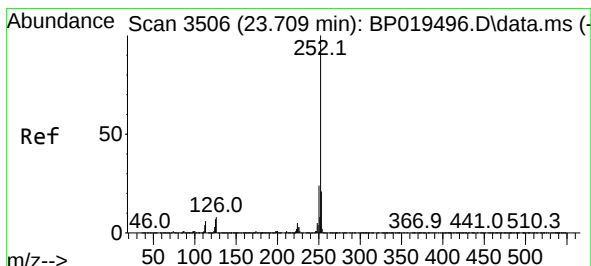
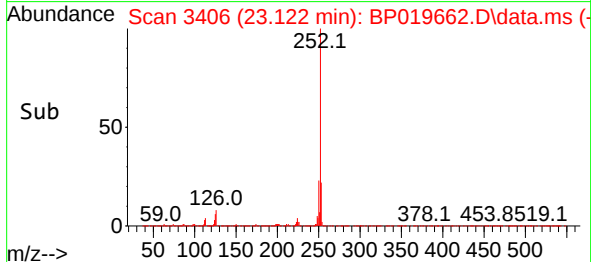
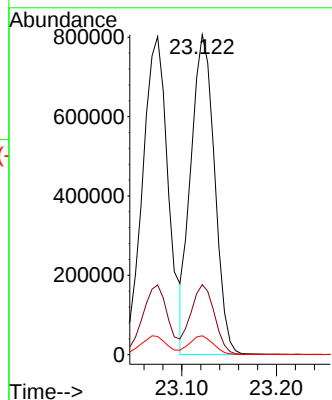
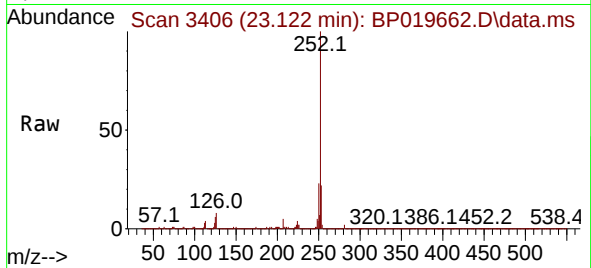




#89
Benzo(k)fluoranthene
Concen: 43.571 ng
RT: 23.122 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

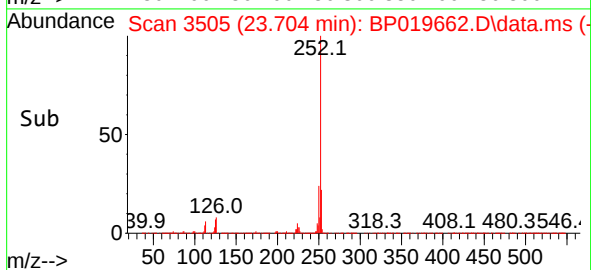
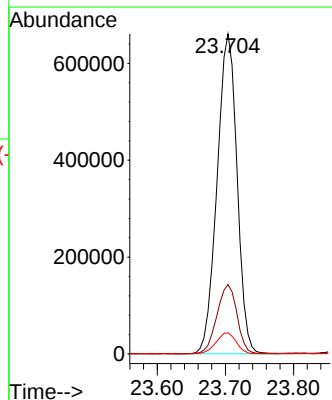
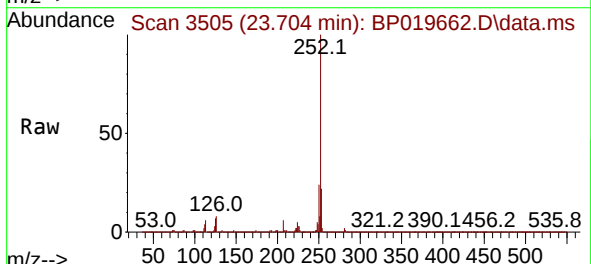
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)MSD

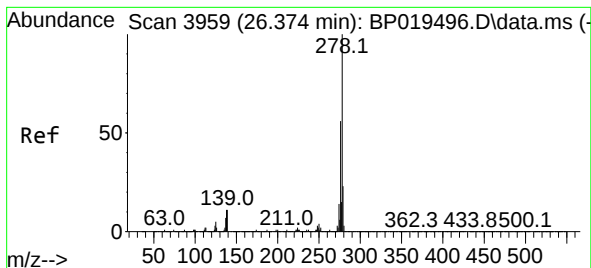
Tgt Ion:252 Resp: 1397092
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 5.9 5.0 7.6



#90
Benzo(a)pyrene
Concen: 45.116 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP019662.D
Acq: 12 Feb 2024 14:46

Tgt Ion:252 Resp: 1347514
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 6.6 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 44.263 ng

RT: 26.374 min Scan# 3959

Delta R.T. 0.000 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)MSD

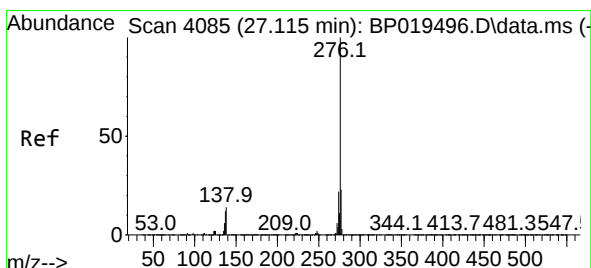
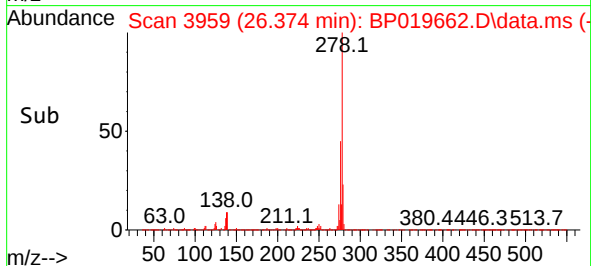
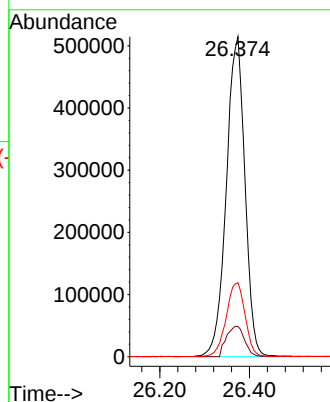
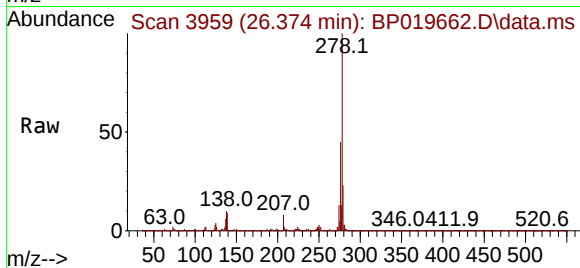
Tgt Ion:278 Resp: 1484180

Ion Ratio Lower Upper

278 100

139 9.5 8.6 12.8

279 23.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 41.538 ng

RT: 27.121 min Scan# 4086

Delta R.T. 0.006 min

Lab File: BP019662.D

Acq: 12 Feb 2024 14:46

Tgt Ion:276 Resp: 1412994

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 12.4 10.9 16.3

