

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
 Data File : BP020587.D
 Acq On : 11 Jun 2024 14:12
 Operator : MA/JU
 Sample : PB161393BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161393BSD

Quant Time: Jun 11 14:50:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	284542	20.000	ng	-0.01
21) Naphthalene-d8	10.522	136	963896	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	518185	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1020812	20.000	ng	-0.02
76) Chrysene-d12	21.639	240	1027568	20.000	ng	-0.03
86) Perylene-d12	24.980	264	1224831	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2023751	127.342	ng	0.00
7) Phenol-d6	6.940	99	2372035	105.838	ng	0.00
23) Nitrobenzene-d5	8.911	82	1499749	85.171	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	839085	156.029	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	3096132	89.070	ng	-0.01
79) Terphenyl-d14	19.922	244	4787510	77.561	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	249612	38.872	ng	95
3) Pyridine	3.723	79	604327	33.472	ng	93
4) n-Nitrosodimethylamine	3.634	42	339308	38.693	ng	91
6) Aniline	7.099	93	497783	21.919	ng	97
8) 2-Chlorophenol	7.328	128	749835	42.090	ng	98
9) Benzaldehyde	6.917	77	408779	28.434	ng	99
10) Phenol	6.969	94	873843	38.064	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	725768	38.335	ng	99
12) 1,3-Dichlorobenzene	7.652	146	898002	42.783	ng	98
13) 1,4-Dichlorobenzene	7.793	146	913724	42.831	ng	98
14) 1,2-Dichlorobenzene	8.105	146	851621	41.364	ng	98
15) Benzyl Alcohol	7.999	79	611698	36.950	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.269	45	978354	34.613	ng	97
17) 2-Methylphenol	8.199	107	567159	36.406	ng	98
18) Hexachloroethane	8.822	117	335576	43.079	ng	94
19) n-Nitroso-di-n-propyla...	8.558	70	500732	32.728	ng	98
20) 3+4-Methylphenols	8.522	107	749827	35.387	ng	98
22) Acetophenone	8.575	105	1045422	43.694	ng	# 98
24) Nitrobenzene	8.946	77	757691	42.399	ng	98
25) Isophorone	9.469	82	1323378	38.681	ng	99
26) 2-Nitrophenol	9.646	139	369130	51.883	ng	98
27) 2,4-Dimethylphenol	9.710	122	454276	43.951	ng	99
28) bis(2-Chloroethoxy)met...	9.940	93	846029	40.233	ng	99
29) 2,4-Dichlorophenol	10.175	162	613328	44.231	ng	98
30) 1,2,4-Trichlorobenzene	10.387	180	765779	46.518	ng	99
31) Naphthalene	10.569	128	2119931	43.022	ng	100
32) Benzoic acid	9.852	122	427761	44.196	ng	95
33) 4-Chloroaniline	10.687	127	306318	16.070	ng	98
34) Hexachlorobutadiene	10.852	225	497375	47.964	ng	98
35) Caprolactam	11.487	113	179243	35.273	ng	93
36) 4-Chloro-3-methylphenol	11.810	107	622224	38.325	ng	97
37) 2-Methylnaphthalene	12.187	142	1375875	38.967	ng	99
38) 1-Methylnaphthalene	12.399	142	1276004	36.456	ng	100
40) 1,2,4,5-Tetrachloroben...	12.552	216	787224	52.507	ng	99
41) Hexachlorocyclopentadiene	12.528	237	828322	157.202	ng	99
43) 2,4,6-Trichlorophenol	12.793	196	472854	52.176	ng	100

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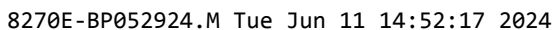
Instrument :
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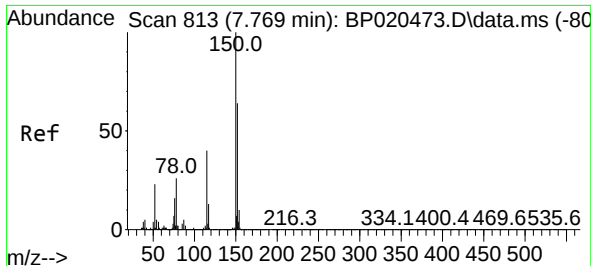
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	504176	48.221	ng	98
46) 1,1'-Biphenyl	13.199	154	1739553	47.568	ng	99
47) 2-Chloronaphthalene	13.246	162	1352583	46.525	ng	98
48) 2-Nitroaniline	13.446	65	376212	47.757	ng	98
49) Acenaphthylene	14.093	152	2097552	48.624	ng	100
50) Dimethylphthalate	13.834	163	1560507	42.723	ng	99
51) 2,6-Dinitrotoluene	13.946	165	345577	44.263	ng	94
52) Acenaphthene	14.440	154	1190577	43.753	ng	100
53) 3-Nitroaniline	14.281	138	272583	34.807	ng	99
54) 2,4-Dinitrophenol	14.498	184	381737	99.915	ng	93
55) Dibenzofuran	14.787	168	1931291	44.804	ng	99
56) 4-Nitrophenol	14.604	139	628662	103.775	ng	94
57) 2,4-Dinitrotoluene	14.757	165	477167	46.506	ng	95
58) Fluorene	15.451	166	1487029	42.972	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.010	232	429483	50.195	ng	97
60) Diethylphthalate	15.228	149	1541629	41.519	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	779745	43.666	ng	100
62) 4-Nitroaniline	15.469	138	351170	43.531	ng	98
63) Azobenzene	15.740	77	1401913	40.435	ng	96
65) 4,6-Dinitro-2-methylph...	15.528	198	263903	56.667	ng	90
66) n-Nitrosodiphenylamine	15.663	169	1293331	46.082	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	485986	46.535	ng	98
68) Hexachlorobenzene	16.457	284	568549	46.257	ng	98
69) Atrazine	16.651	200	464519	47.046	ng	99
70) Pentachlorophenol	16.816	266	760572	101.886	ng	98
71) Phenanthrene	17.228	178	2329132	46.415	ng	99
72) Anthracene	17.322	178	2313460	46.983	ng	99
73) Carbazole	17.604	167	2200353	46.198	ng	99
74) Di-n-butylphthalate	18.198	149	2614654	45.331	ng	99
75) Fluoranthene	19.316	202	2862719	48.222	ng	100
77) Benzidine	19.528	184	265848	12.342	ng	99
78) Pyrene	19.692	202	2976535	38.510	ng	100
80) Butylbenzylphthalate	20.657	149	1289677	41.765	ng	95
81) Benzo(a)anthracene	21.622	228	3139667	46.404	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	906602	45.076	ng	100
83) Chrysene	21.686	228	3032498	47.566	ng	99
84) Bis(2-ethylhexyl)phtha...	21.563	149	1919675	43.640	ng	99
85) Di-n-octyl phthalate	22.857	149	3437144	53.760	ng	96
87) Indeno(1,2,3-cd)pyrene	28.798	276	4576020	61.439	ng	# 91
88) Benzo(b)fluoranthene	23.921	252	3465206	45.413	ng	99
89) Benzo(k)fluoranthene	23.998	252	3427577	46.056	ng	99
90) Benzo(a)pyrene	24.821	252	3298011	52.189	ng	99
91) Dibenzo(a,h)anthracene	28.886	278	3791774	61.036	ng	98
92) Benzo(g,h,i)perylene	29.980	276	3648569	58.757	ng	97

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

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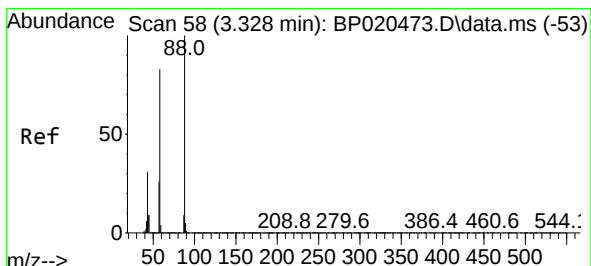
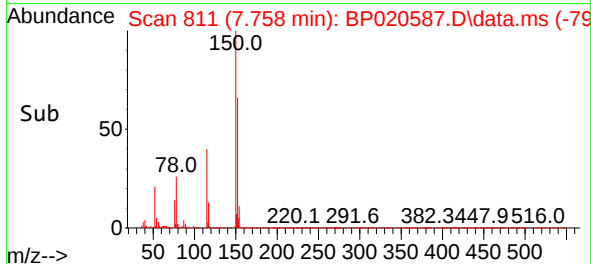
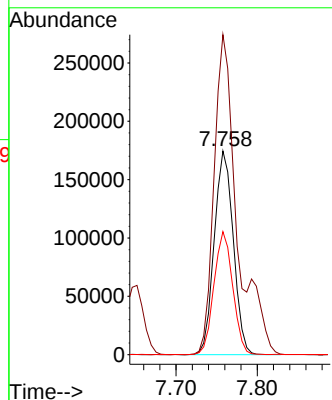
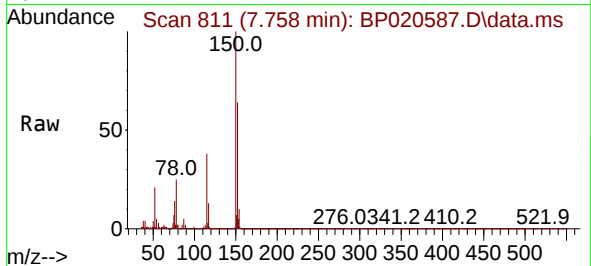




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.758 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP020587.D
 Acq: 11 Jun 2024 14:12

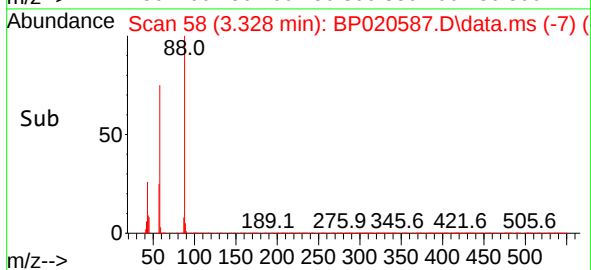
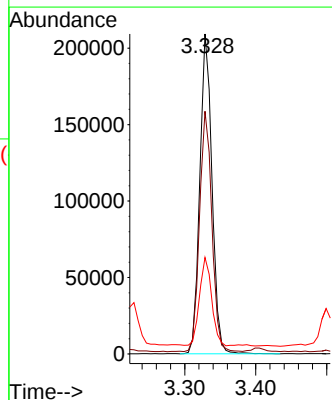
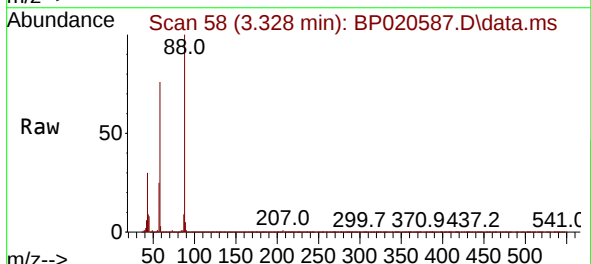
Instrument :
 BNA_P
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 PB161393BSD

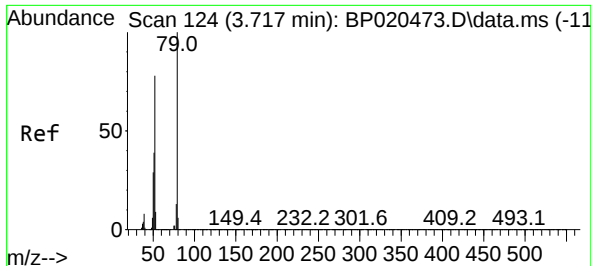
Tgt Ion:152 Resp: 284542
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.2 186.2
 115 60.4 49.5 74.3



#2
 1,4-Dioxane
 Concen: 38.872 ng
 RT: 3.328 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: BP020587.D
 Acq: 11 Jun 2024 14:12

Tgt Ion: 88 Resp: 249612
 Ion Ratio Lower Upper
 88 100
 58 76.5 64.6 97.0
 43 27.1 24.5 36.7

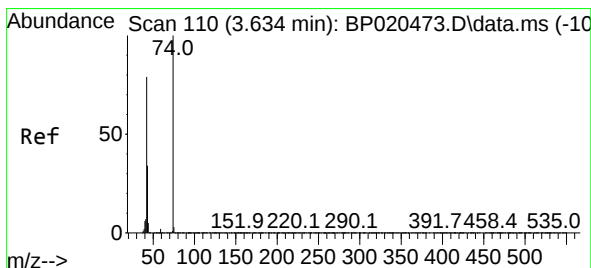
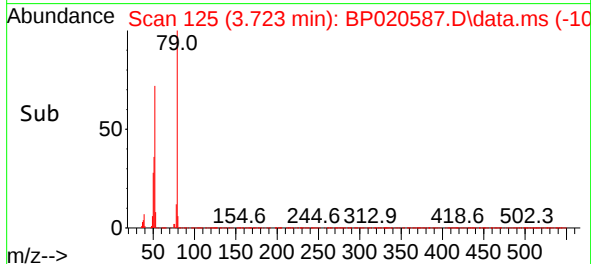
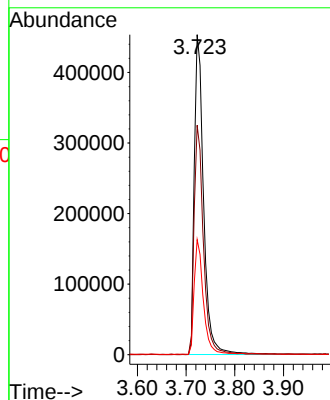
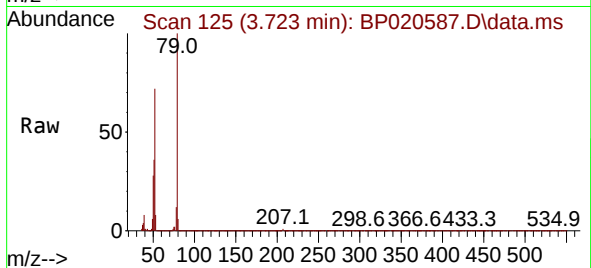




#3
Pyridine
Concen: 33.472 ng
RT: 3.723 min Scan# 110
Delta R.T. 0.006 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

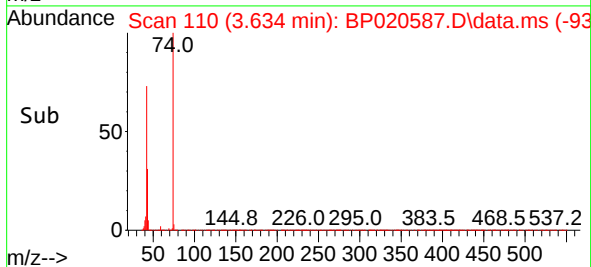
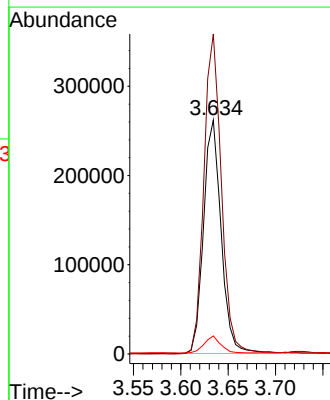
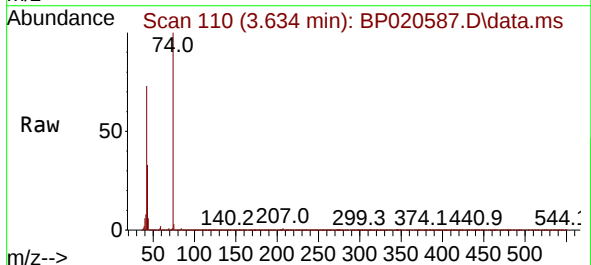
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BNA_P
ClientSampleId :
PB161393BSD

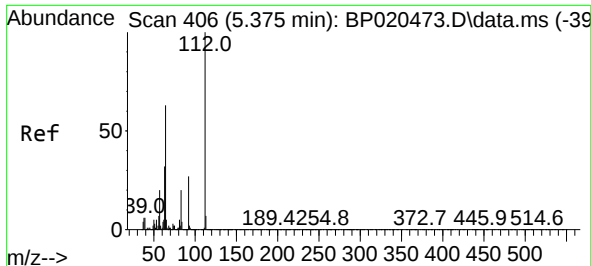
Tgt Ion: 79 Resp: 604327
Ion Ratio Lower Upper
79 100
52 71.7 62.6 94.0
51 36.0 31.0 46.4



#4
n-Nitrosodimethylamine
Concen: 38.693 ng
RT: 3.634 min Scan# 110
Delta R.T. 0.000 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion: 42 Resp: 339308
Ion Ratio Lower Upper
42 100
74 136.8 100.6 151.0
44 7.8 5.8 8.8

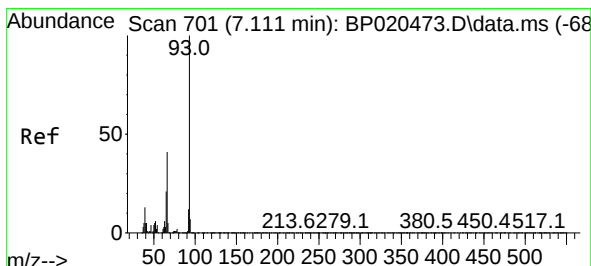
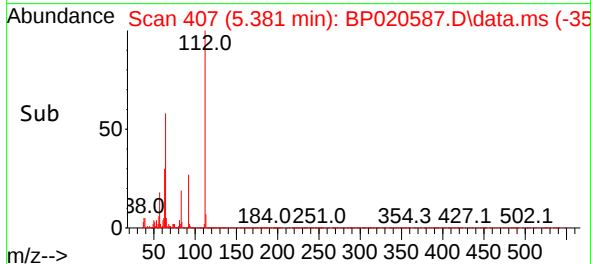
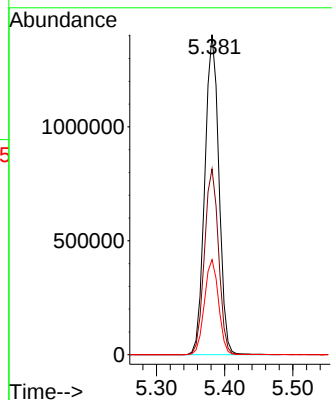
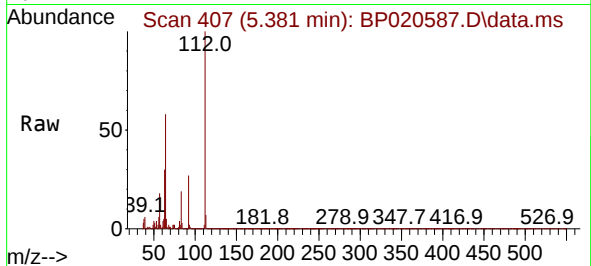




#5
2-Fluorophenol
Concen: 127.342 ng
RT: 5.381 min Scan# 406
Delta R.T. 0.006 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

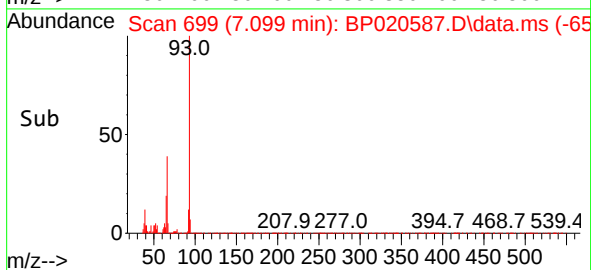
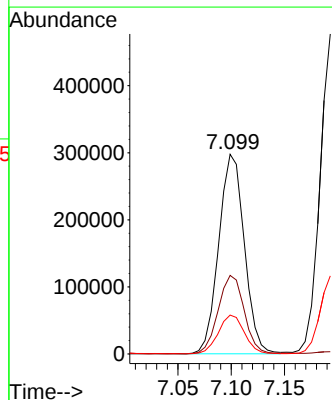
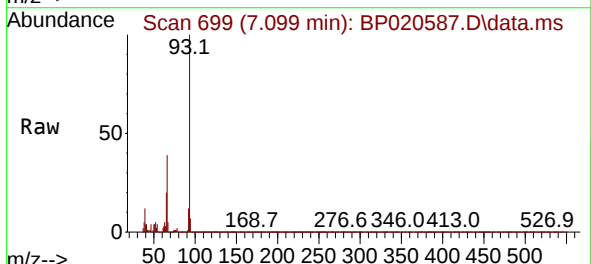
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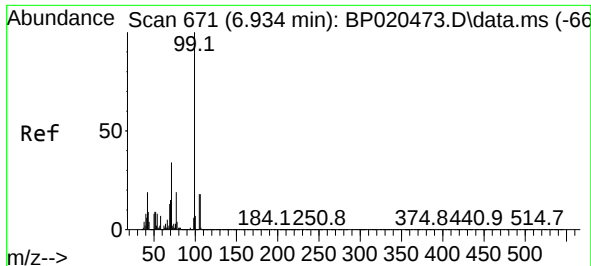
Tgt Ion:112 Resp: 2023751
Ion Ratio Lower Upper
112 100
64 58.1 50.1 75.1
63 29.7 25.7 38.5



#6
Aniline
Concen: 21.919 ng
RT: 7.099 min Scan# 699
Delta R.T. -0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion: 93 Resp: 497783
Ion Ratio Lower Upper
93 100
66 39.3 32.8 49.2
65 19.5 16.9 25.3

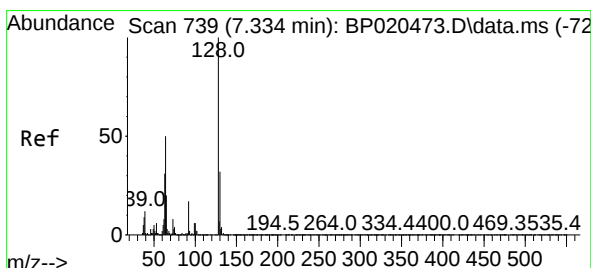
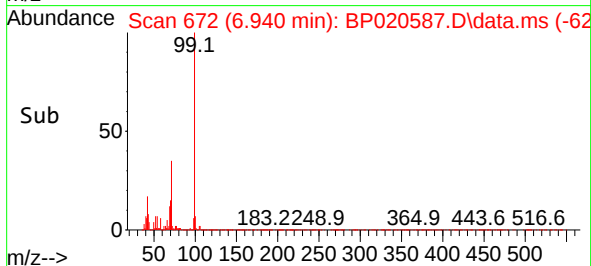
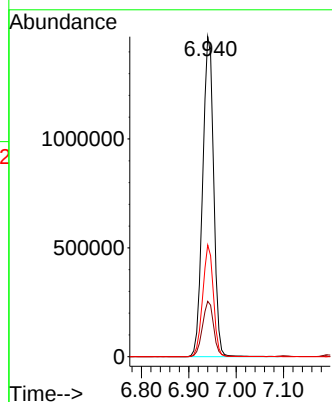
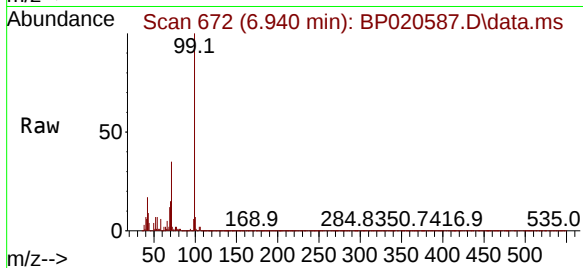




#7
Phenol-d6
Concen: 105.838 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

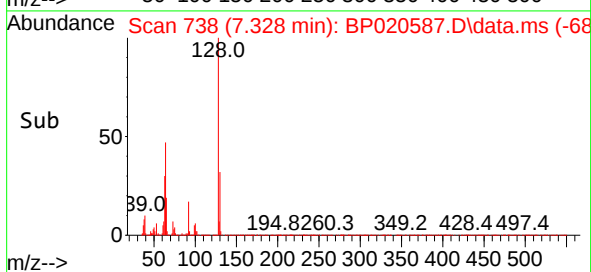
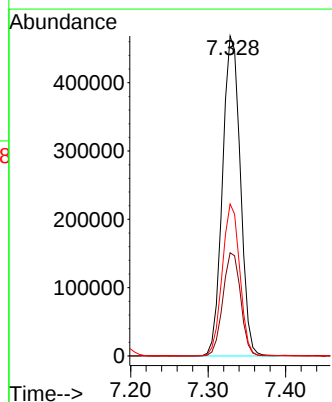
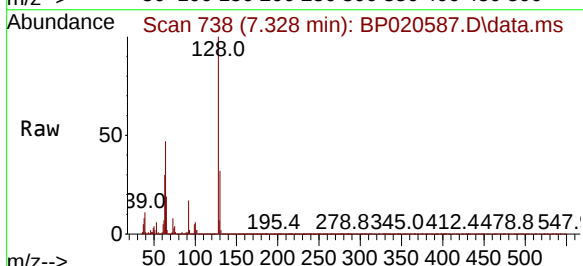
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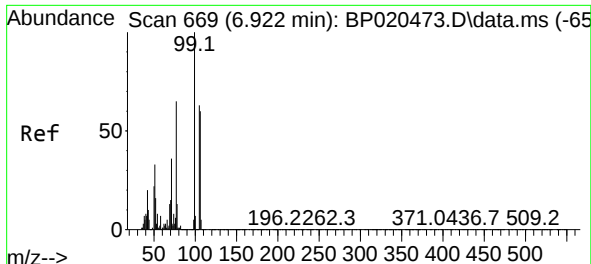
Tgt Ion: 99 Resp: 2372035
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.4
71 34.9 27.3 40.9



#8
2-Chlorophenol
Concen: 42.090 ng
RT: 7.328 min Scan# 738
Delta R.T. -0.006 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:128 Resp: 749835
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 47.5 29.6 69.6

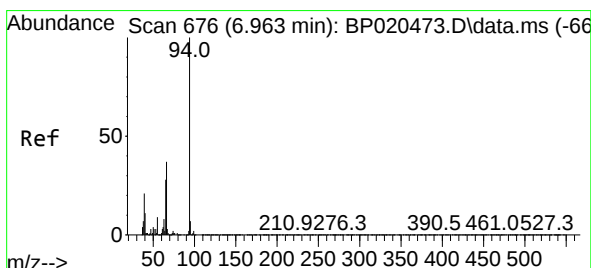
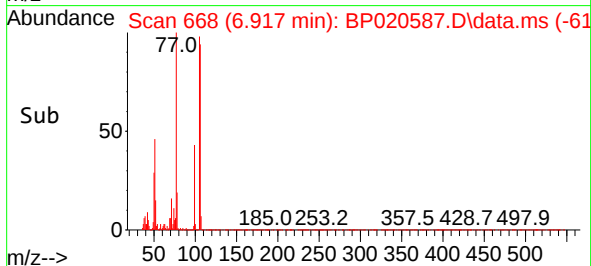
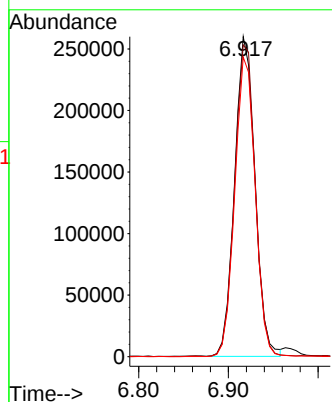
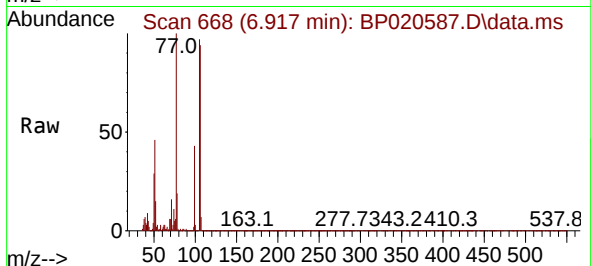




#9
Benzaldehyde
Concen: 28.434 ng
RT: 6.917 min Scan# 610
Delta R.T. -0.005 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

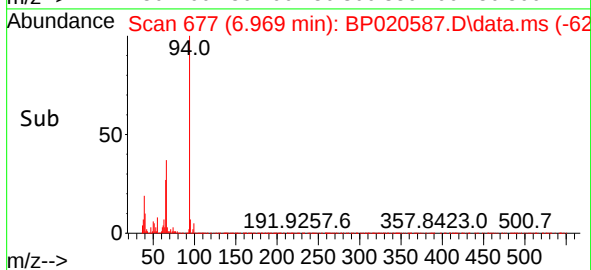
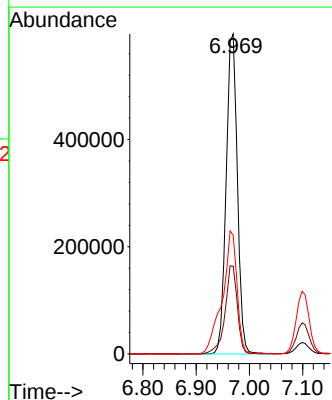
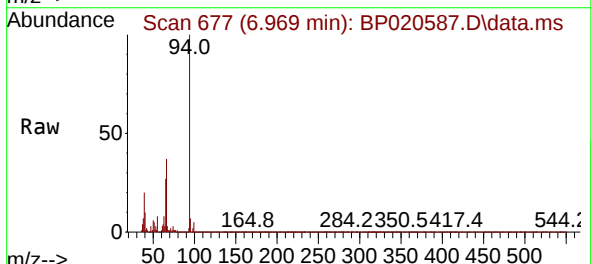
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ClientSampleId :
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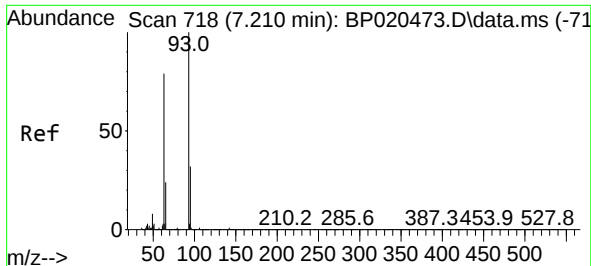
Tgt Ion: 77 Resp: 408779
Ion Ratio Lower Upper
77 100
105 97.5 76.8 116.8
106 93.6 72.0 112.0



#10
Phenol
Concen: 38.064 ng
RT: 6.969 min Scan# 677
Delta R.T. 0.006 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

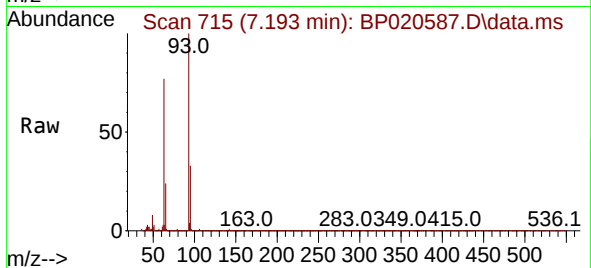
Tgt Ion: 94 Resp: 873843
Ion Ratio Lower Upper
94 100
65 27.4 8.2 48.2
66 37.1 17.2 57.2



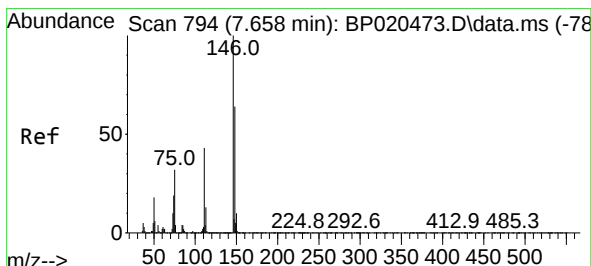
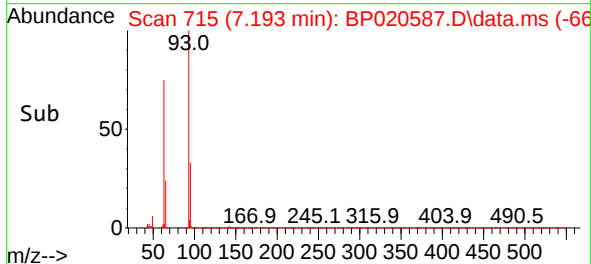
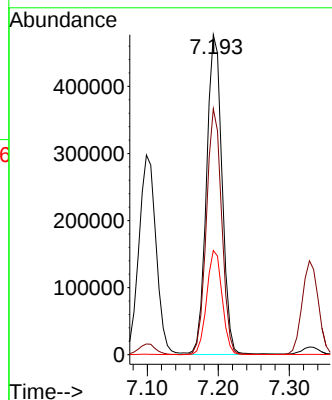


#11
bis(2-Chloroethyl)ether
Concen: 38.335 ng
RT: 7.193 min Scan# 715
Delta R.T. -0.018 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Instrument :
BNA_P
ClientSampleId :
PB161393BSD

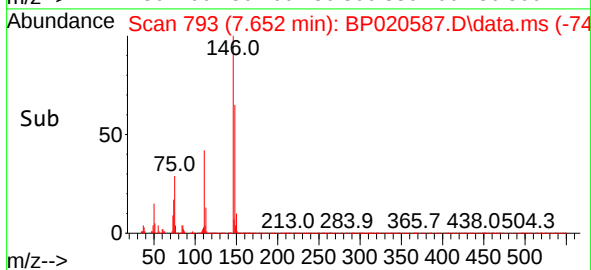
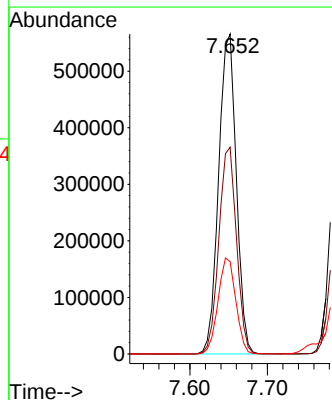
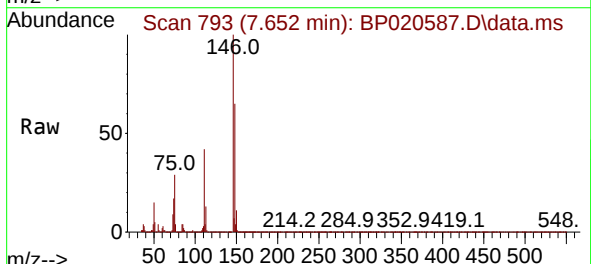


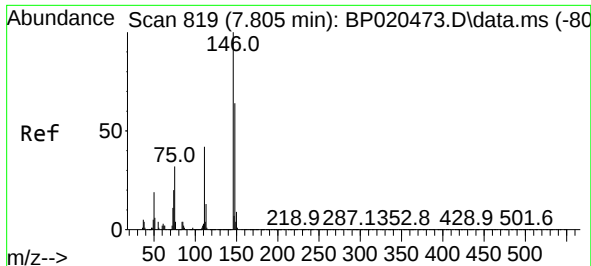
Tgt Ion: 93 Resp: 725768
Ion Ratio Lower Upper
93 100
63 76.8 58.3 98.3
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.783 ng
RT: 7.652 min Scan# 793
Delta R.T. -0.006 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:146 Resp: 898002
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
75 28.9 25.3 37.9

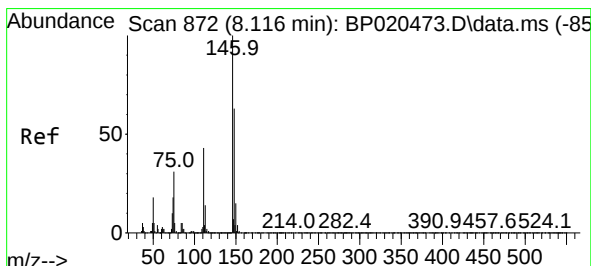
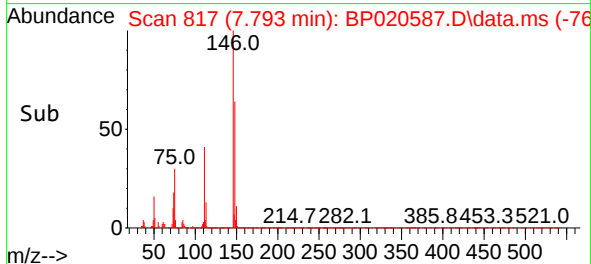
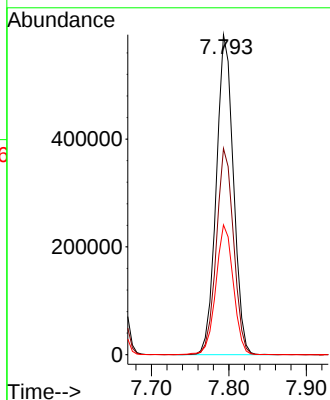
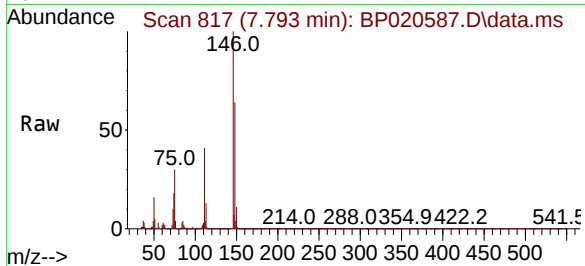




#13
1,4-Dichlorobenzene
Concen: 42.831 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

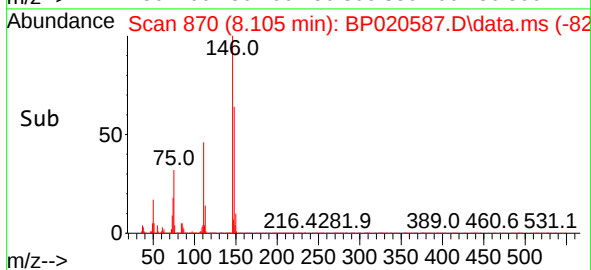
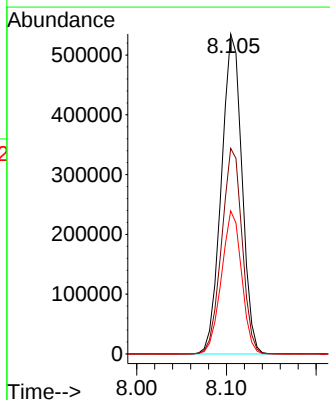
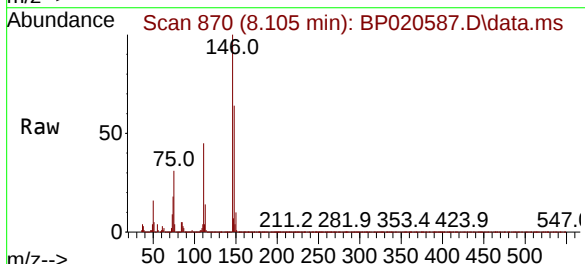
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

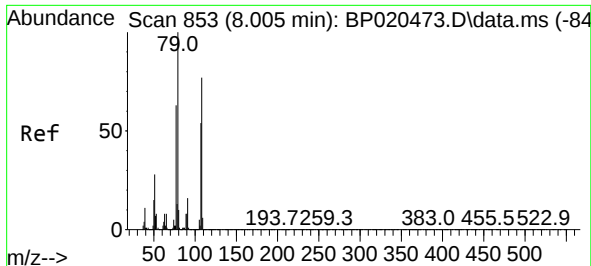
Tgt Ion:146 Resp: 913724
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 40.5 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 41.364 ng
RT: 8.105 min Scan# 870
Delta R.T. -0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:146 Resp: 851621
Ion Ratio Lower Upper
146 100
148 64.3 50.1 75.1
111 44.7 34.4 51.6

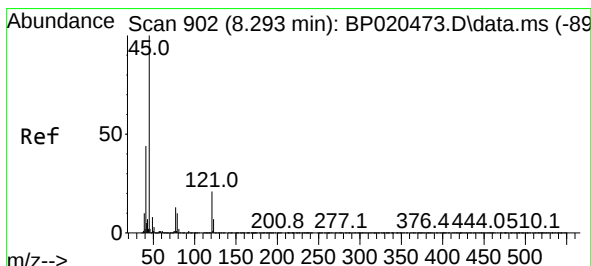
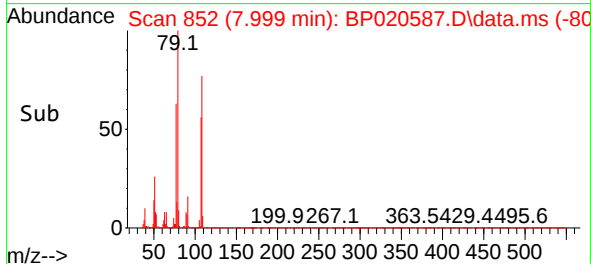
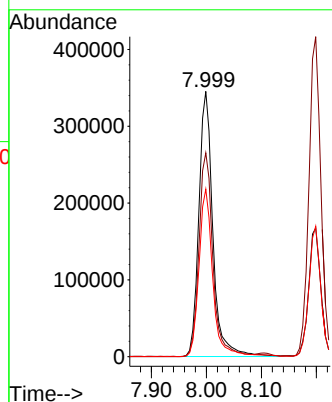
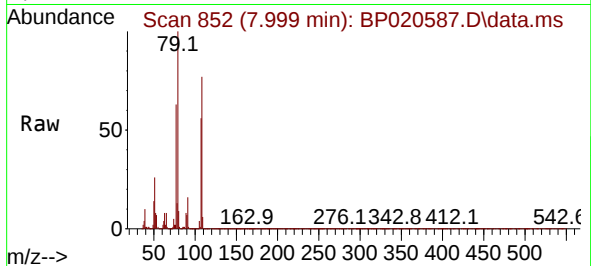




#15
Benzyl Alcohol
Concen: 36.950 ng
RT: 7.999 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

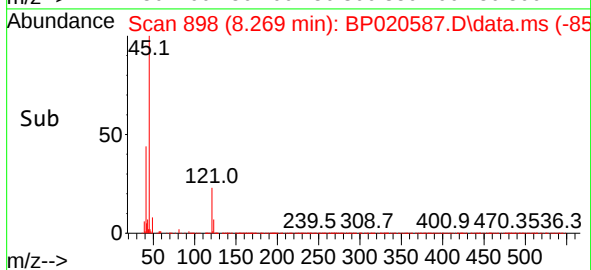
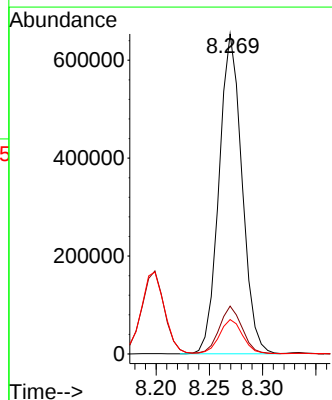
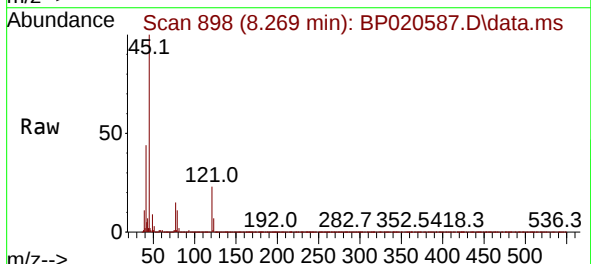
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

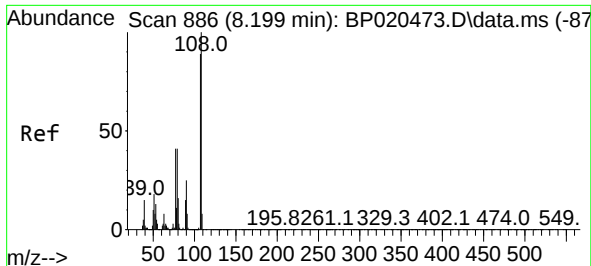
Tgt Ion: 79 Resp: 611698
Ion Ratio Lower Upper
79 100
108 76.8 61.4 92.2
77 63.2 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.613 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.023 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion: 45 Resp: 978354
Ion Ratio Lower Upper
45 100
77 15.0 0.0 33.6
79 10.7 0.0 29.9

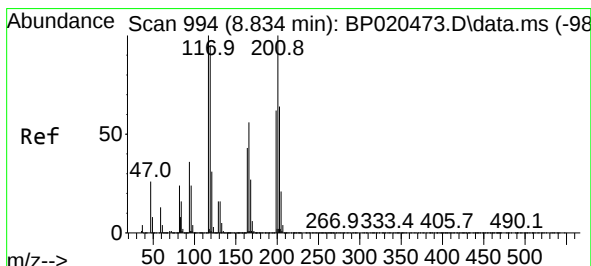
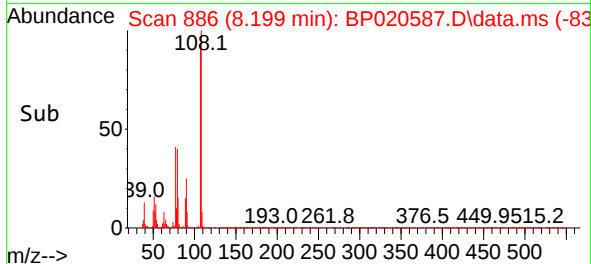
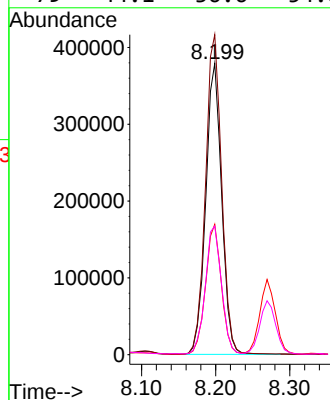
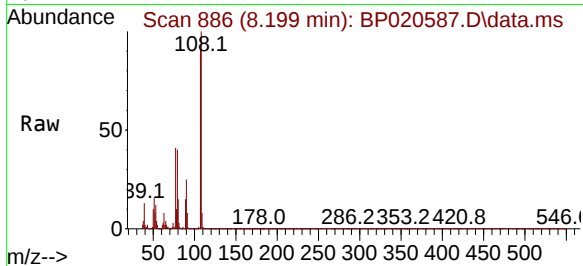




#17
2-Methylphenol
Concen: 36.406 ng
RT: 8.199 min Scan# 886
Delta R.T. 0.000 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

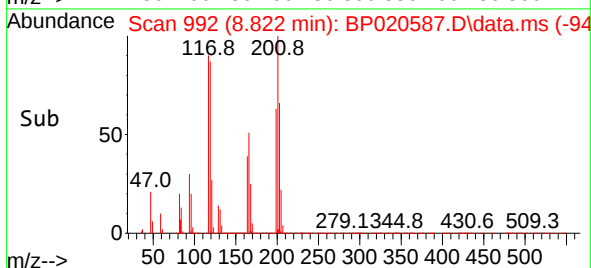
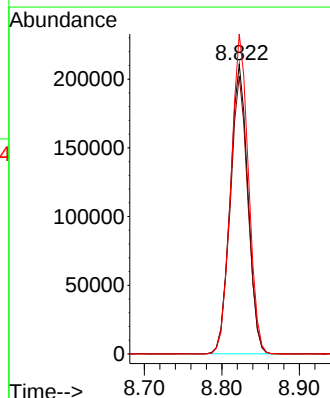
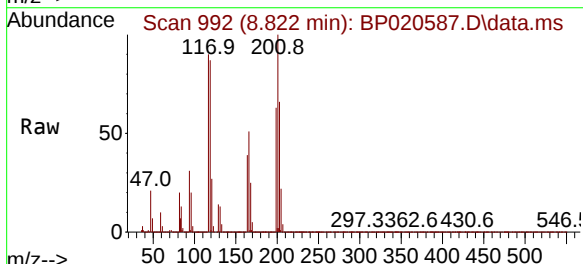
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

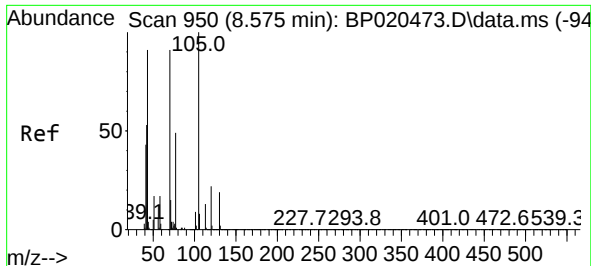
Tgt Ion:	107	Resp:	567159
Ion	Ratio	Lower	Upper
107	100		
108	109.9	89.4	134.2
77	44.8	36.6	55.0
79	44.1	36.6	54.8



#18
Hexachloroethane
Concen: 43.079 ng
RT: 8.822 min Scan# 992
Delta R.T. -0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:	117	Resp:	335576
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.3	114.5
201	110.5	79.9	119.9

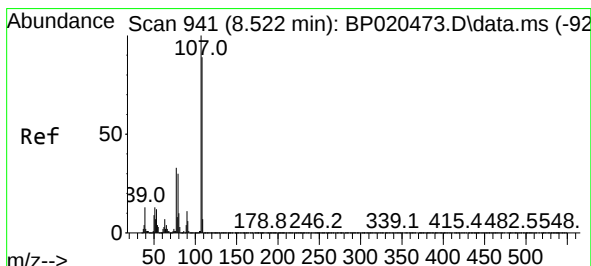
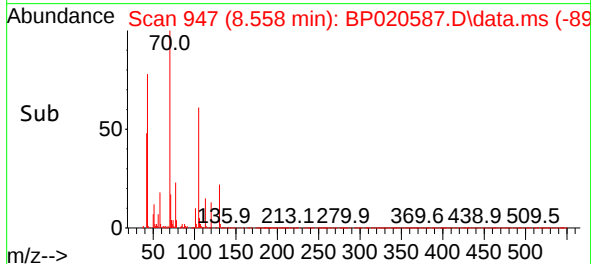
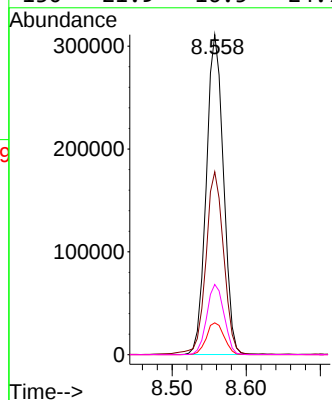
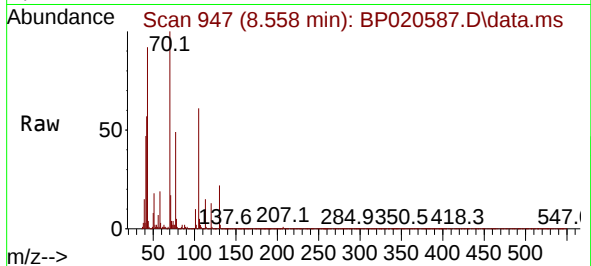




#19
n-Nitroso-di-n-propylamine
Concen: 32.728 ng
RT: 8.558 min Scan# 947
Delta R.T. -0.018 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

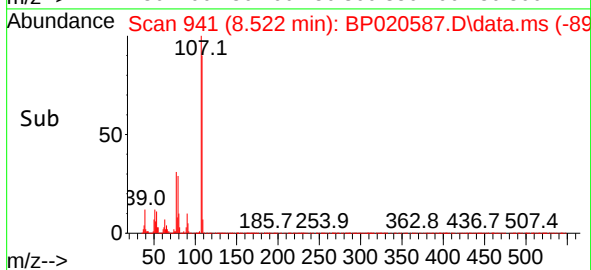
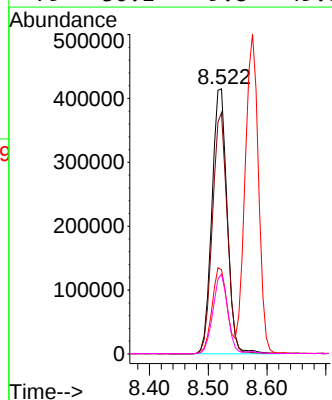
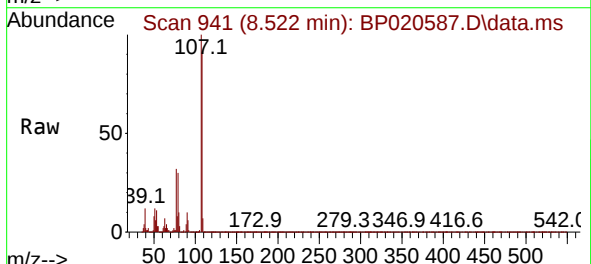
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

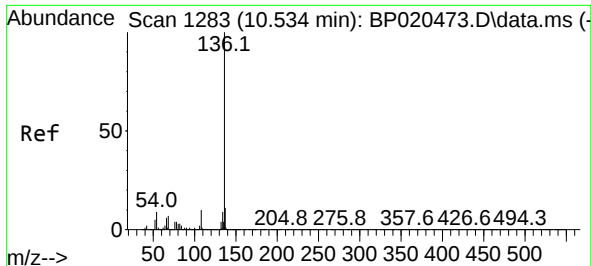
Tgt Ion: 70 Resp: 500732
Ion Ratio Lower Upper
70 100
42 57.2 47.4 71.0
101 9.9 7.8 11.8
130 21.9 16.5 24.7



#20
3+4-Methylphenols
Concen: 35.387 ng
RT: 8.522 min Scan# 941
Delta R.T. 0.000 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion: 107 Resp: 749827
Ion Ratio Lower Upper
107 100
108 91.0 69.2 109.2
77 31.8 13.5 53.5
79 30.1 9.8 49.8

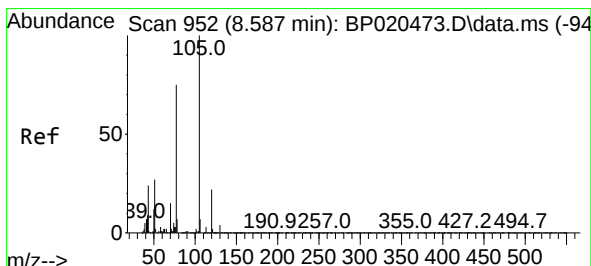
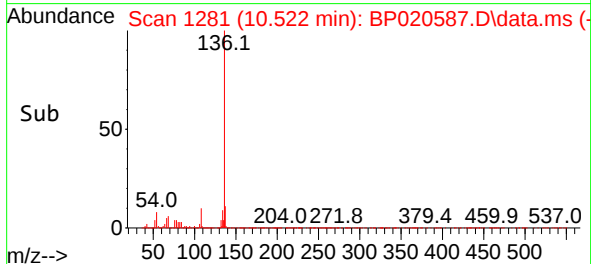
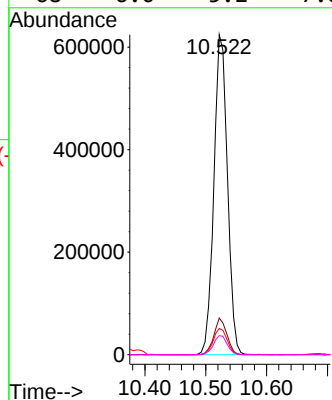
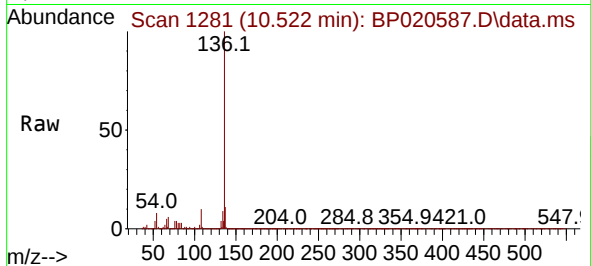




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

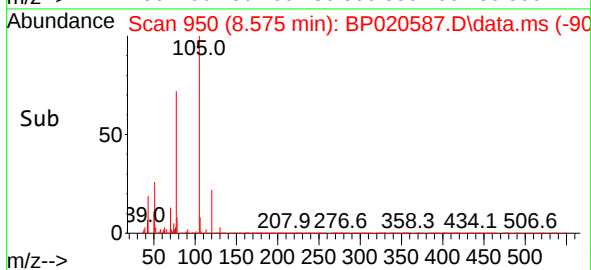
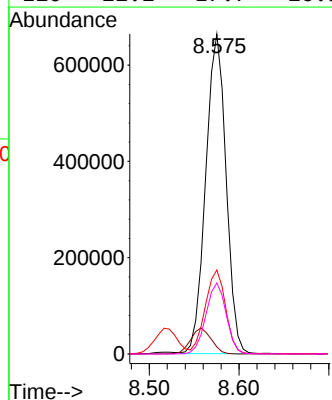
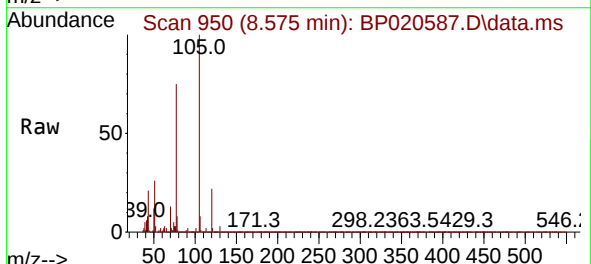
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

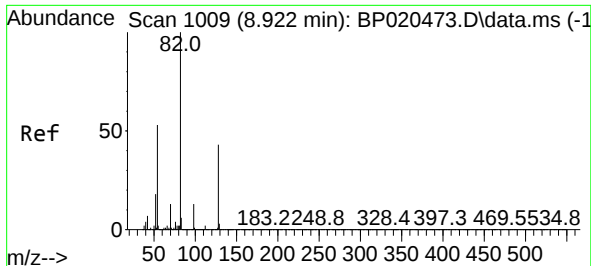
Tgt Ion:	136	Resp:	963896
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.2	7.4	11.0
68	6.0	5.2	7.8



#22
Acetophenone
Concen: 43.694 ng
RT: 8.575 min Scan# 950
Delta R.T. -0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:	105	Resp:	1045422
Ion	Ratio	Lower	Upper
105	100		
71	2.2	2.3	3.5
51	26.2	22.6	33.8
120	22.2	17.7	26.5





#23

Nitrobenzene-d5

Concen: 85.171 ng

RT: 8.911 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Instrument :

BNA_P

ClientSampleId :

PB161393BSD

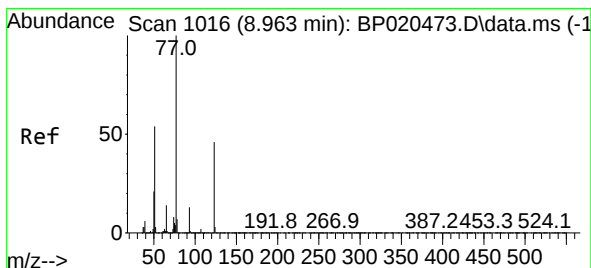
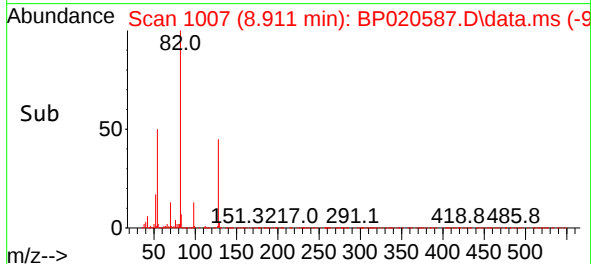
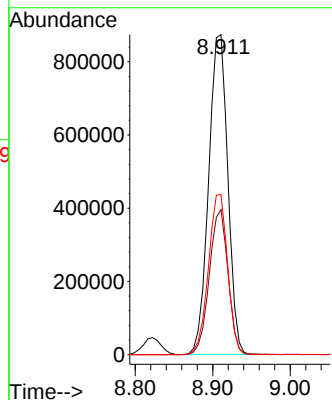
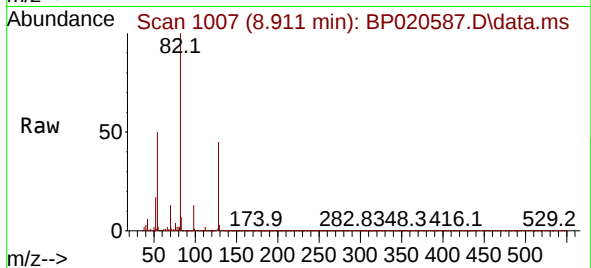
Tgt Ion: 82 Resp: 1499749

Ion Ratio Lower Upper

82 100

128 45.4 34.2 51.4

54 50.0 42.7 64.1



#24

Nitrobenzene

Concen: 42.399 ng

RT: 8.946 min Scan# 1013

Delta R.T. -0.018 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

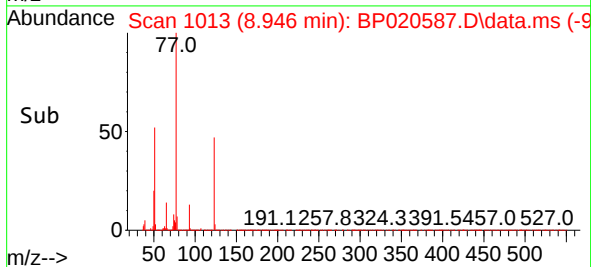
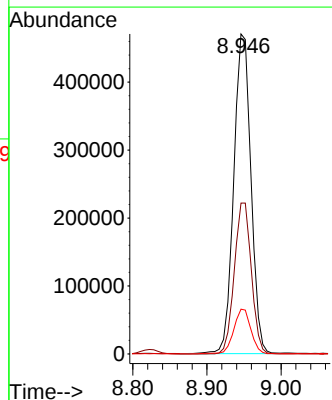
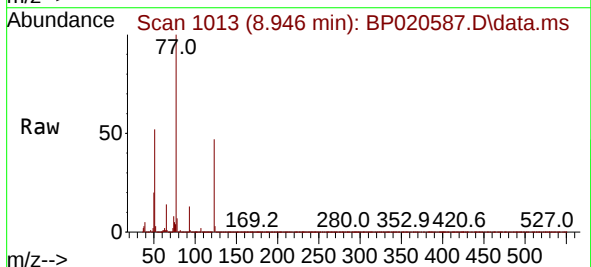
Tgt Ion: 77 Resp: 757691

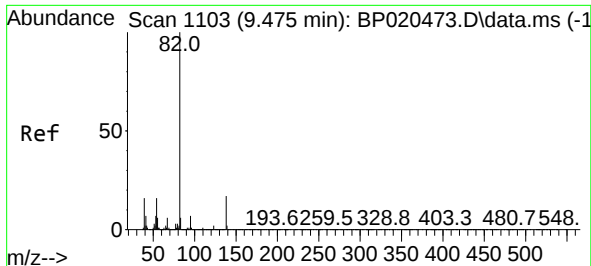
Ion Ratio Lower Upper

77 100

123 47.2 36.6 54.8

65 14.0 11.1 16.7

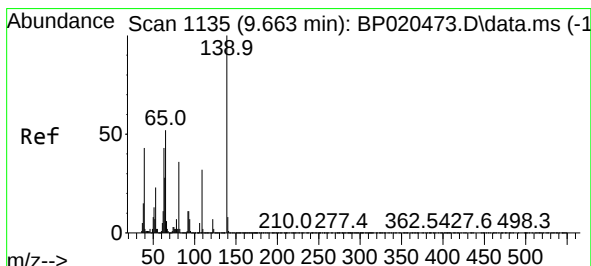
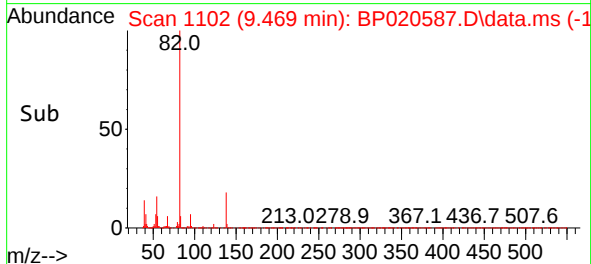
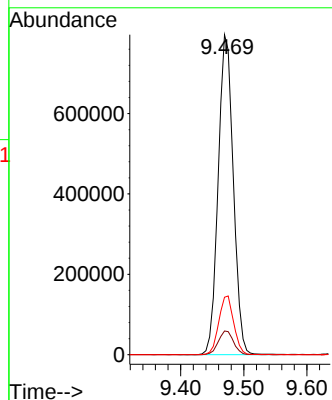
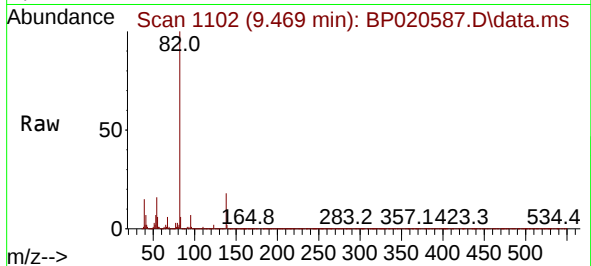




#25
Isophorone
Concen: 38.681 ng
RT: 9.469 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

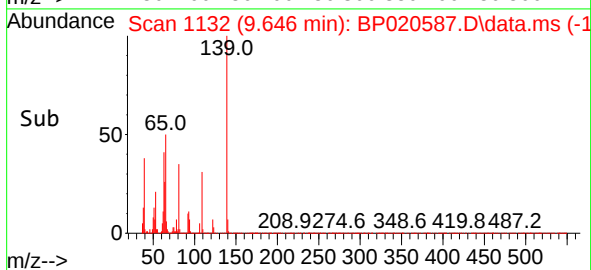
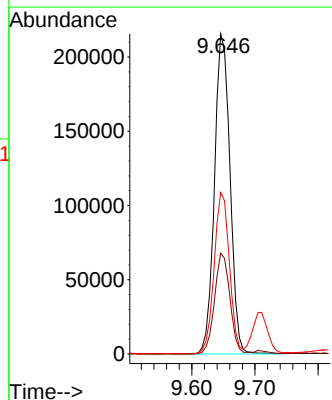
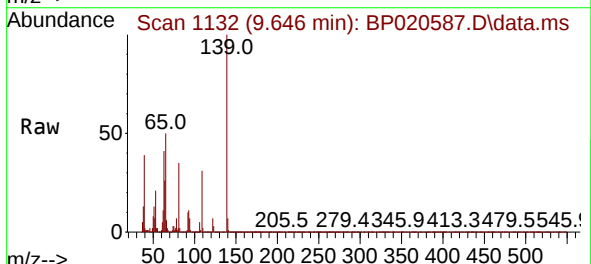
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

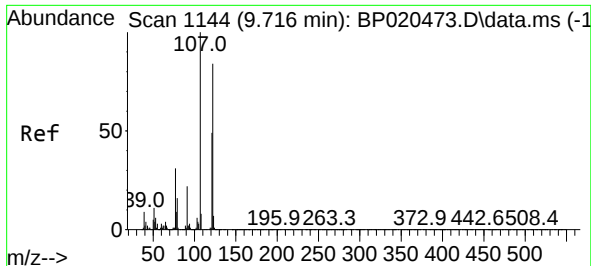
Tgt Ion: 82 Resp: 1323378
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 17.9 13.8 20.6



#26
2-Nitrophenol
Concen: 51.883 ng
RT: 9.646 min Scan# 1132
Delta R.T. -0.017 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion: 139 Resp: 369130
Ion Ratio Lower Upper
139 100
109 31.4 25.8 38.8
65 50.5 41.8 62.8





#27

2,4-Dimethylphenol

Concen: 43.951 ng

RT: 9.710 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Instrument :

BNA_P

ClientSampleId :

PB161393BSD

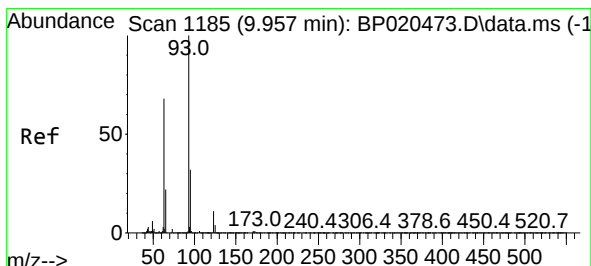
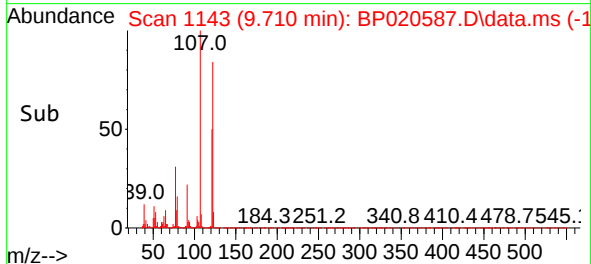
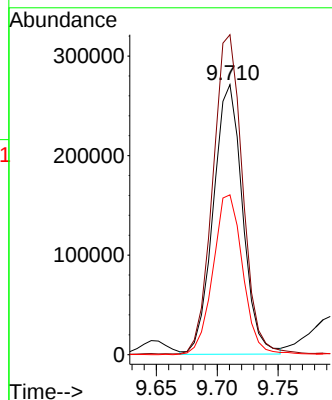
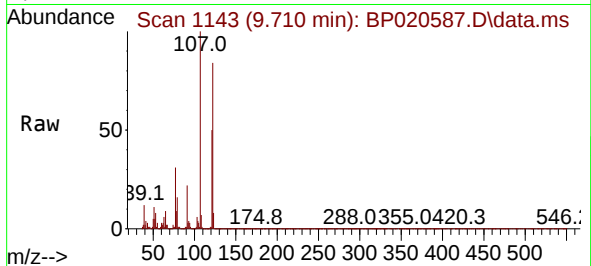
Tgt Ion:122 Resp: 454276

Ion Ratio Lower Upper

122 100

107 118.5 95.0 142.4

121 59.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.233 ng

RT: 9.940 min Scan# 1182

Delta R.T. -0.018 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

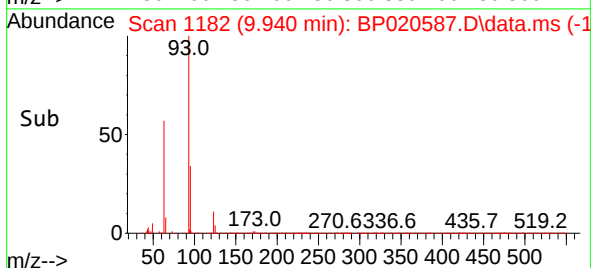
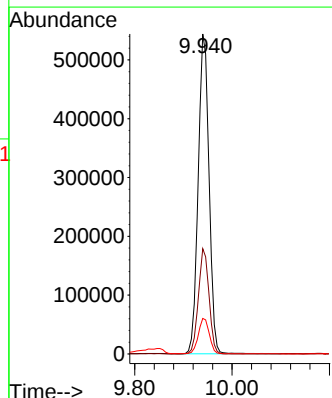
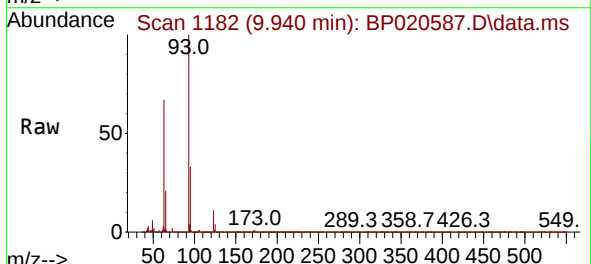
Tgt Ion: 93 Resp: 846029

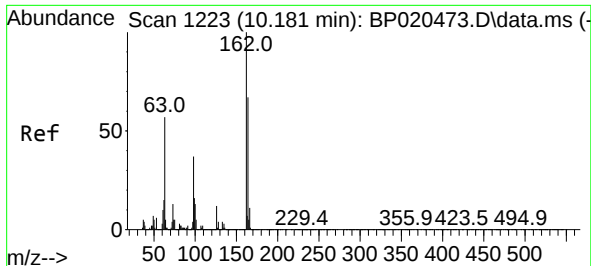
Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.8

123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 44.231 ng

RT: 10.175 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Instrument :

BNA_P

ClientSampleId :

PB161393BSD

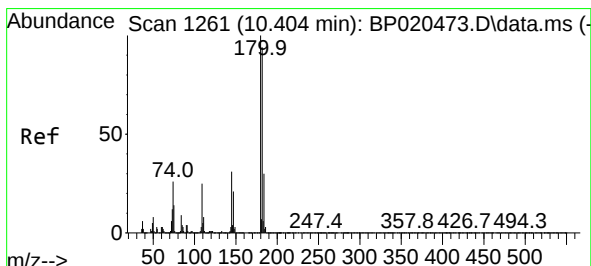
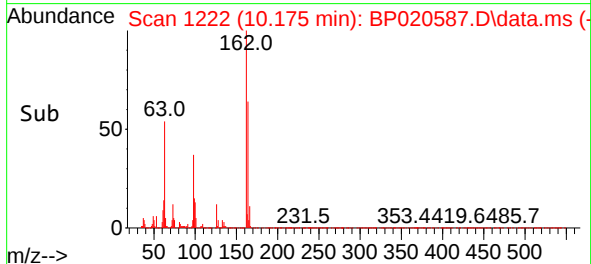
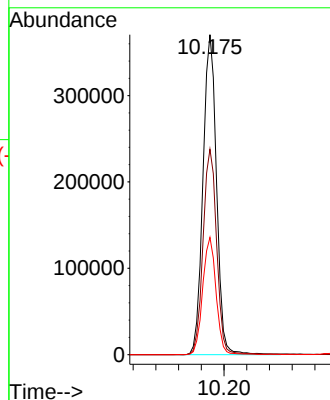
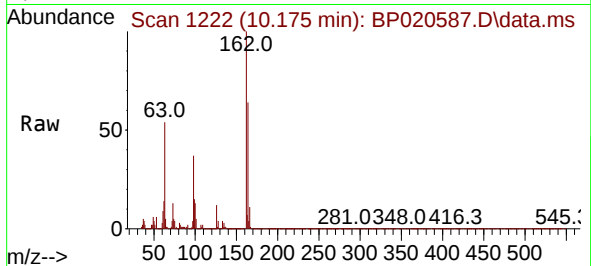
Tgt Ion:162 Resp: 613328

Ion Ratio Lower Upper

162 100

164 64.2 46.5 86.5

98 36.7 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 46.518 ng

RT: 10.387 min Scan# 1258

Delta R.T. -0.018 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

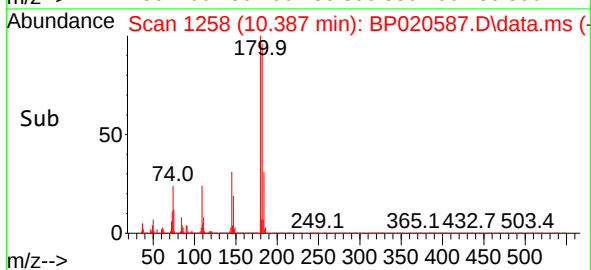
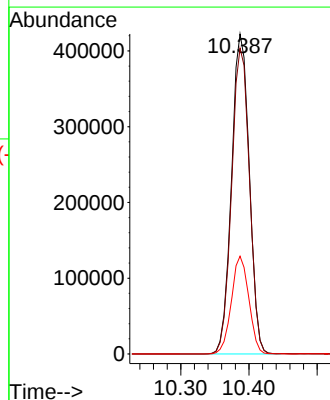
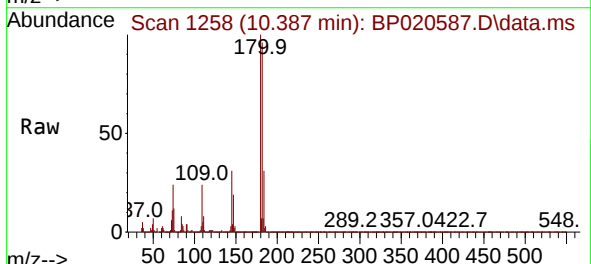
Tgt Ion:180 Resp: 765779

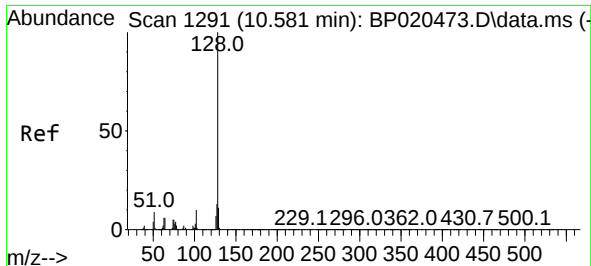
Ion Ratio Lower Upper

180 100

182 95.6 75.2 112.8

145 30.6 24.9 37.3

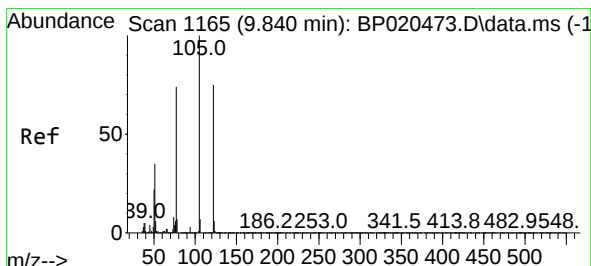
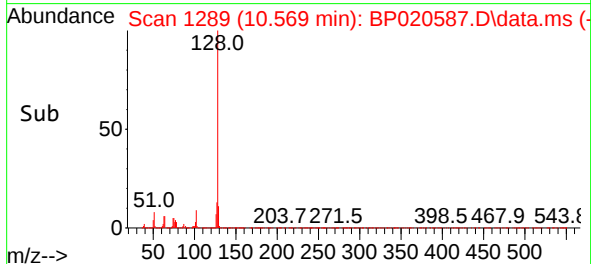
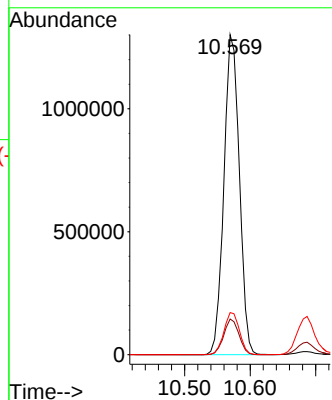
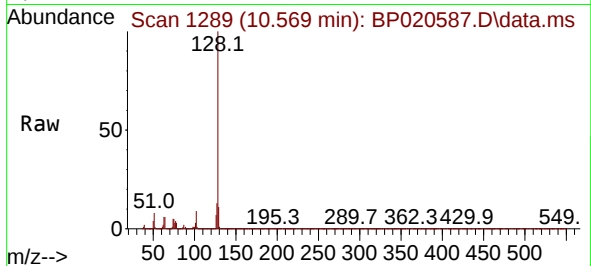




#31
Naphthalene
Concen: 43.022 ng
RT: 10.569 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

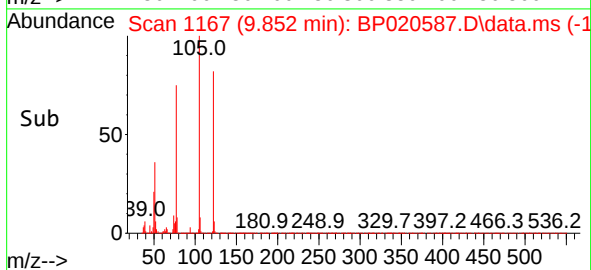
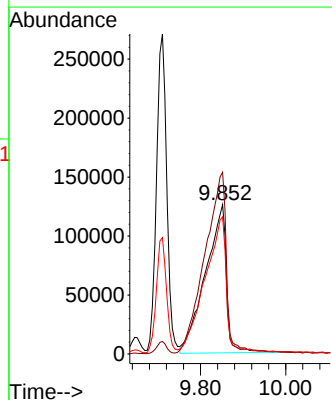
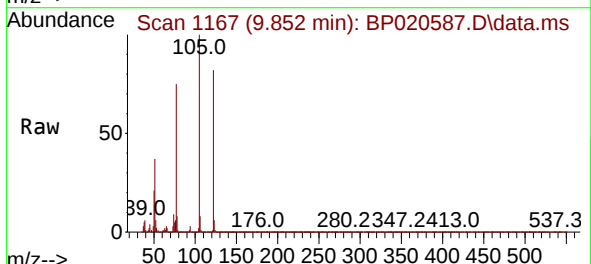
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

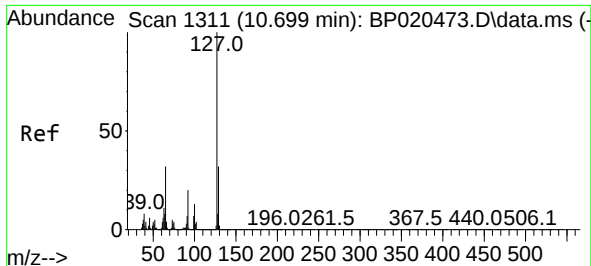
Tgt Ion:128 Resp: 2119931
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 44.196 ng
RT: 9.852 min Scan# 1167
Delta R.T. 0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:122 Resp: 427761
Ion Ratio Lower Upper
122 100
105 121.7 107.5 147.5
77 91.8 76.1 116.1

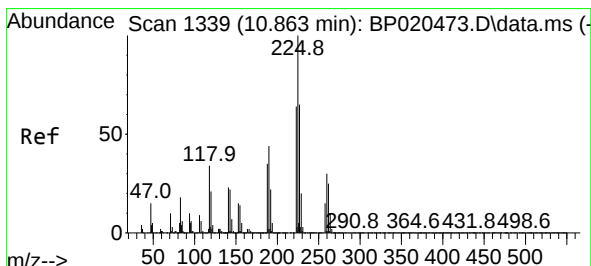
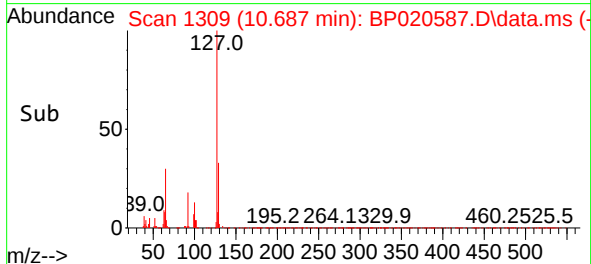
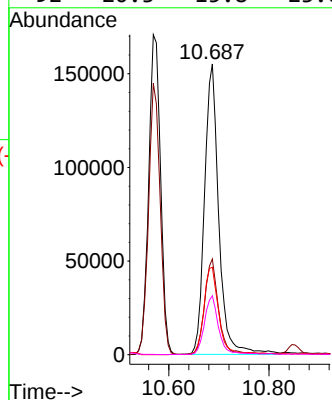
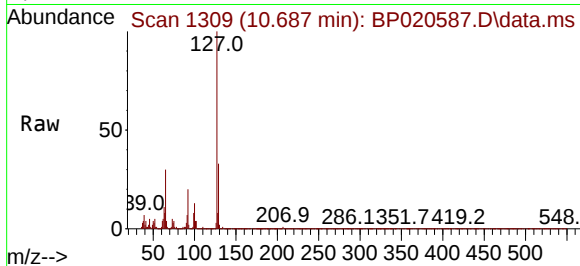




#33
4-Chloroaniline
Concen: 16.070 ng
RT: 10.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

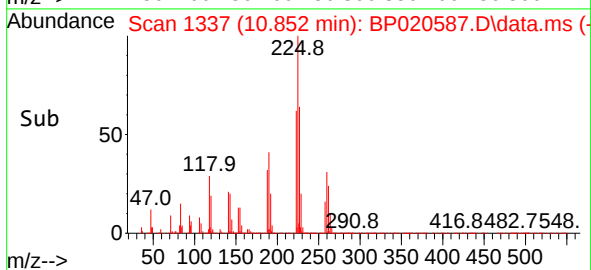
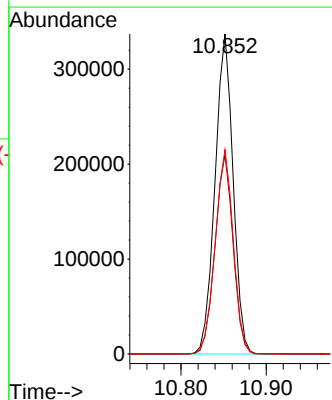
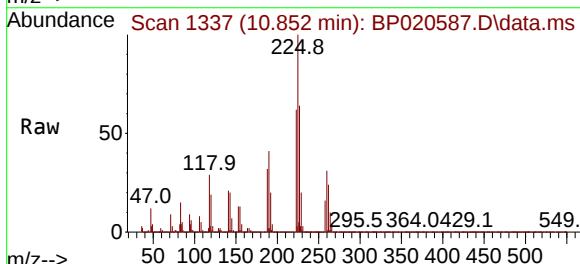
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

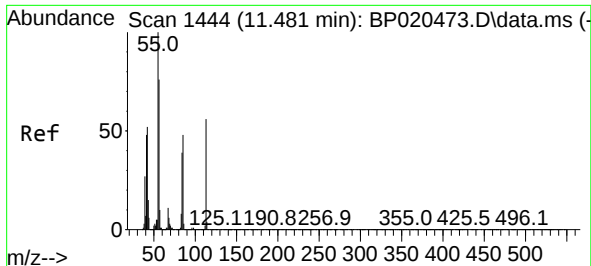
Tgt	Ion:127	Resp:	306318
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.0	39.0
65	30.0	25.4	38.2
92	20.3	15.8	23.6



#34
Hexachlorobutadiene
Concen: 47.964 ng
RT: 10.852 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt	Ion:225	Resp:	497375
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.3	76.9
227	63.8	51.6	77.4

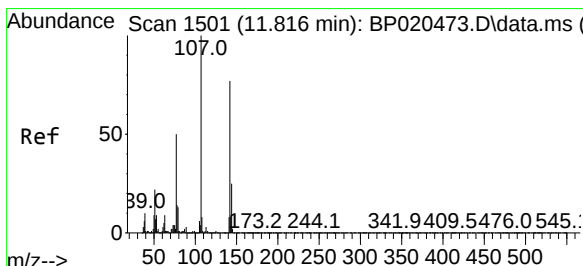
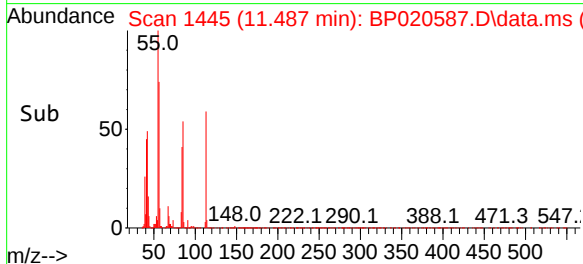
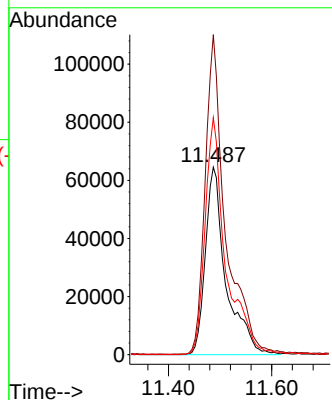
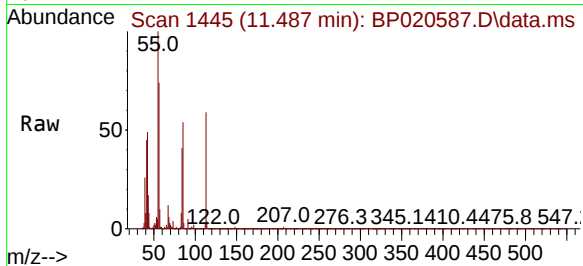




#35
Caprolactam
Concen: 35.273 ng
RT: 11.487 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

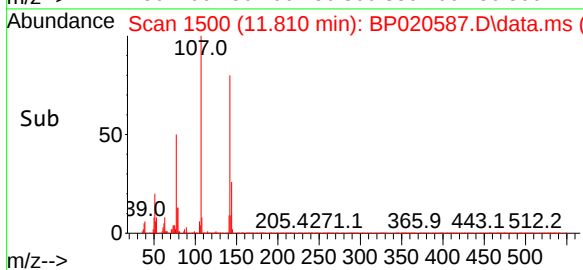
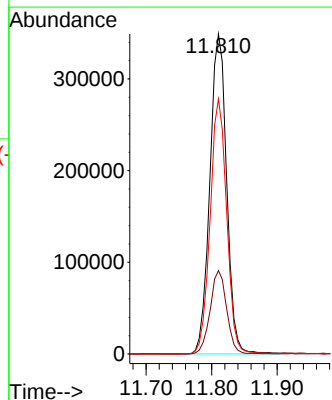
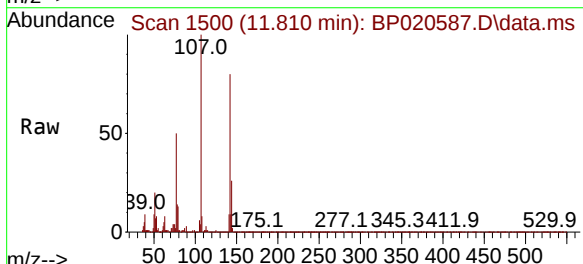
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

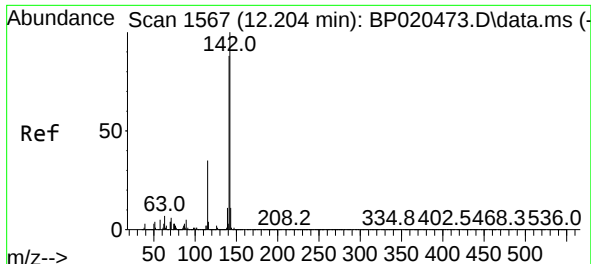
Tgt Ion:113 Resp: 179243
Ion Ratio Lower Upper
113 100
55 170.6 158.7 198.7
56 126.3 115.4 155.4



#36
4-Chloro-3-methylphenol
Concen: 38.325 ng
RT: 11.810 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:107 Resp: 622224
Ion Ratio Lower Upper
107 100
144 26.1 20.0 30.0
142 79.7 61.4 92.2

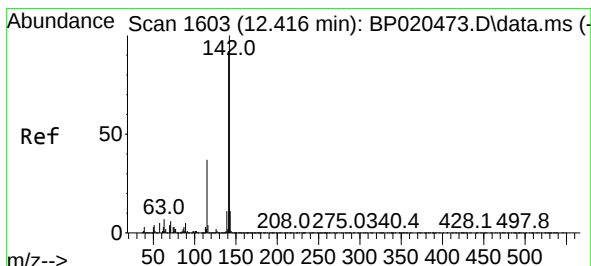
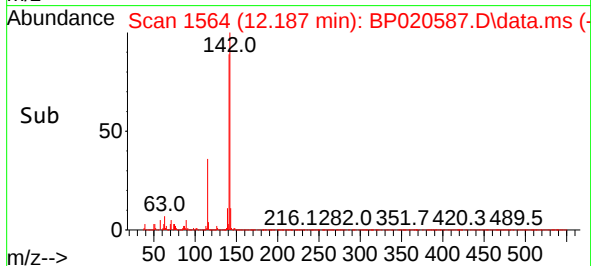
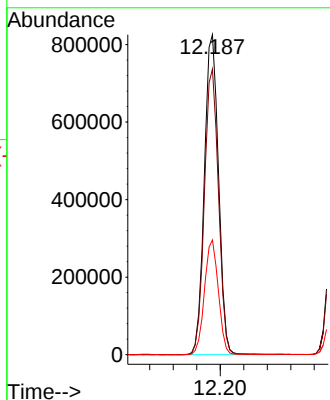
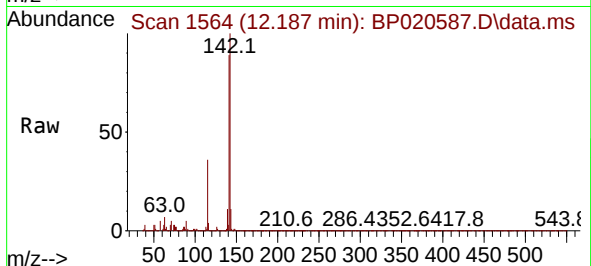




#37
2-Methylnaphthalene
Concen: 38.967 ng
RT: 12.187 min Scan# 1564
Delta R.T. -0.018 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

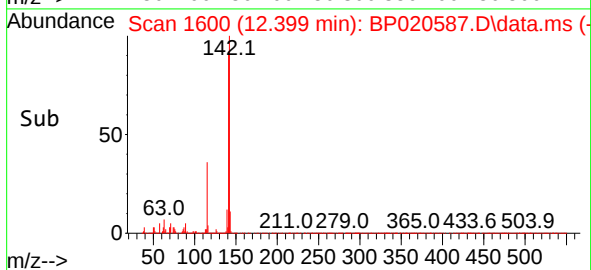
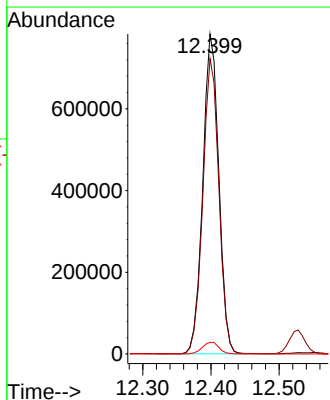
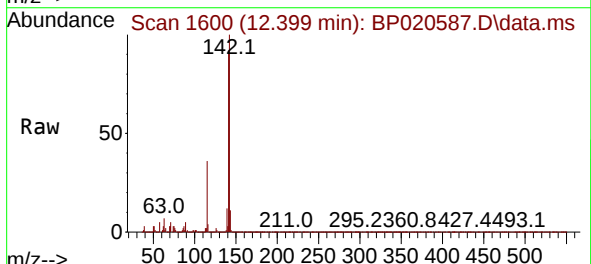
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

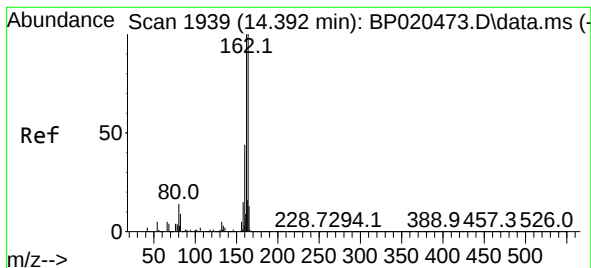
Tgt Ion:142 Resp: 1375875
Ion Ratio Lower Upper
142 100
141 89.3 70.3 105.5
115 35.9 28.0 42.0



#38
1-Methylnaphthalene
Concen: 36.456 ng
RT: 12.399 min Scan# 1600
Delta R.T. -0.018 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:142 Resp: 1276004
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5
116 3.7 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1939

Delta R.T. -0.017 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Instrument :

BNA_P

ClientSampleId :

PB161393BSD

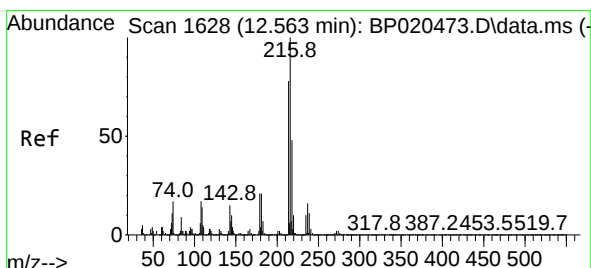
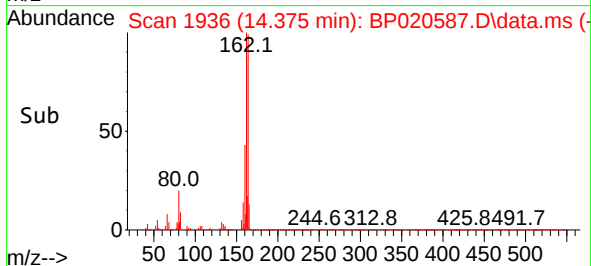
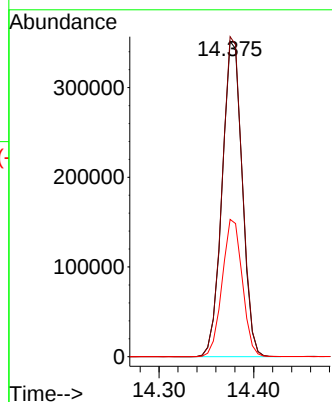
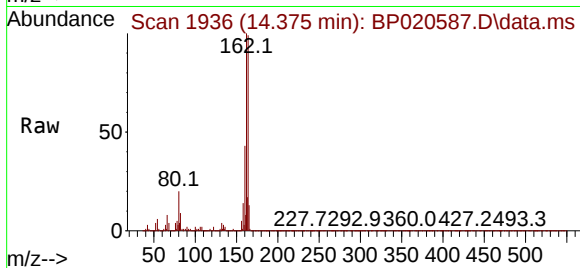
Tgt Ion:164 Resp: 518185

Ion Ratio Lower Upper

164 100

162 101.5 80.3 120.5

160 43.5 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.507 ng

RT: 12.552 min Scan# 1626

Delta R.T. -0.012 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Tgt Ion:216 Resp: 787224

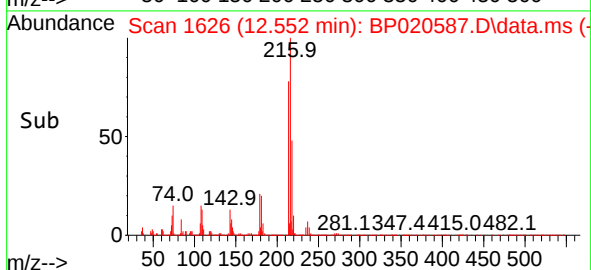
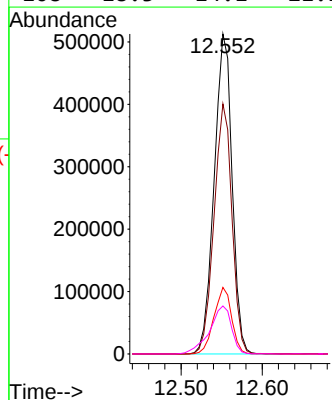
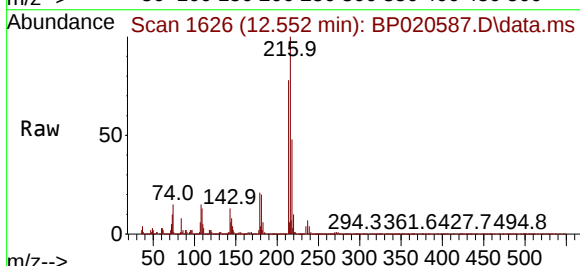
Ion Ratio Lower Upper

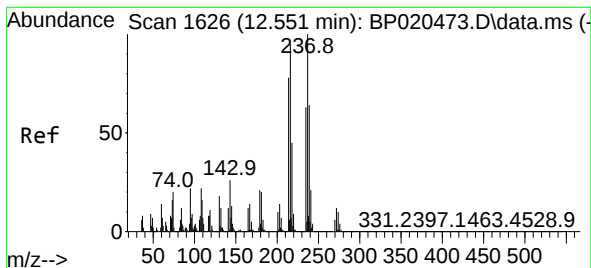
216 100

214 78.3 63.0 94.4

179 20.5 16.9 25.3

108 18.3 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 157.202 ng

RT: 12.528 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Instrument :

BNA_P

ClientSampleId :

PB161393BSD

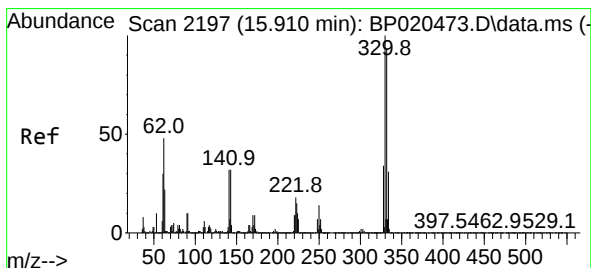
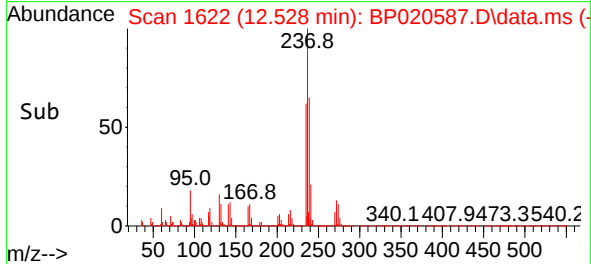
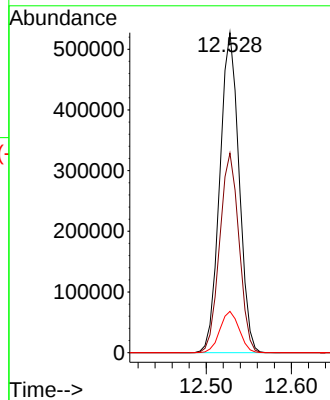
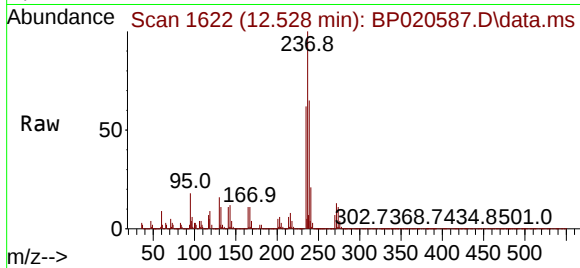
Tgt Ion:237 Resp: 828322

Ion Ratio Lower Upper

237 100

235 62.3 43.1 83.1

272 12.9 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 156.029 ng

RT: 15.898 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

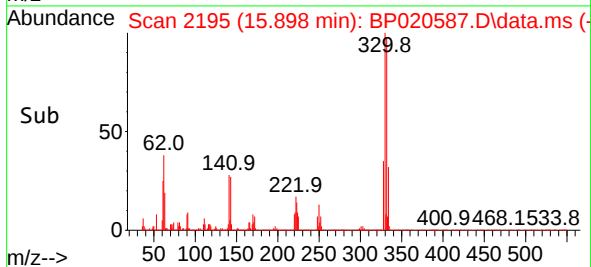
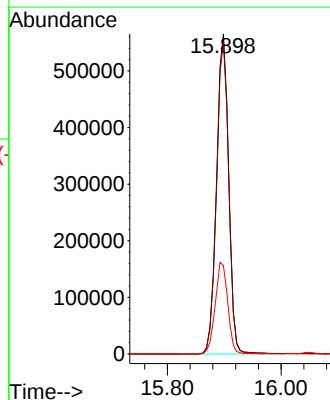
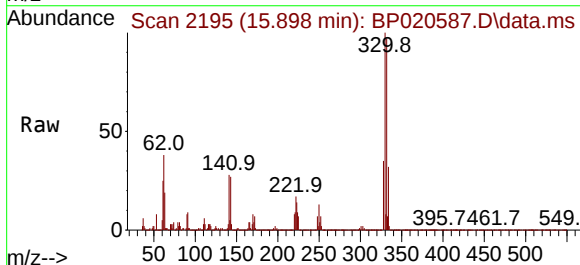
Tgt Ion:330 Resp: 839085

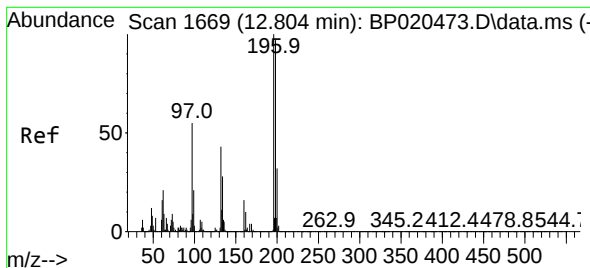
Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

141 29.5 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 52.176 ng

RT: 12.793 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Instrument :

BNA_P

ClientSampleId :

PB161393BSD

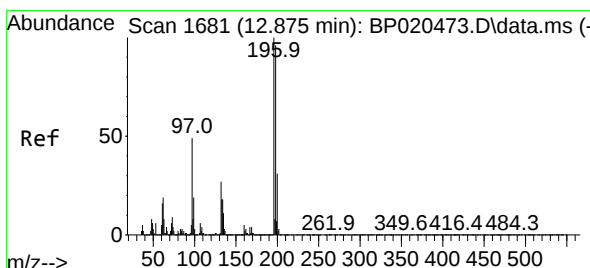
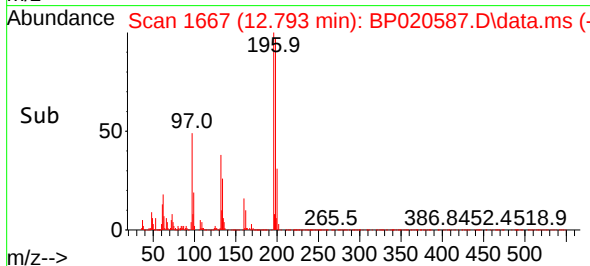
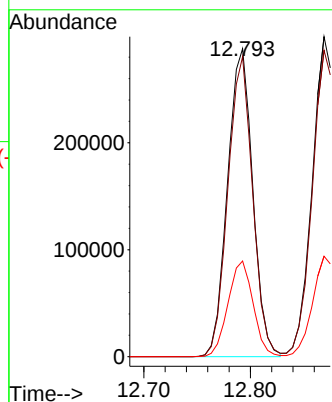
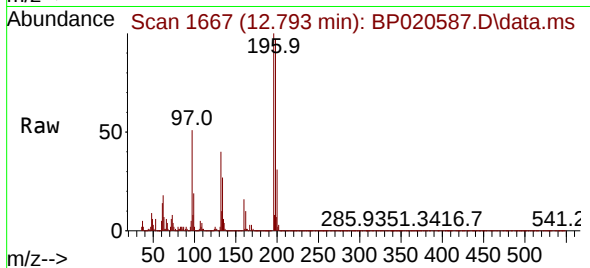
Tgt Ion:196 Resp: 472854

Ion Ratio Lower Upper

196 100

198 97.4 77.9 116.9

200 31.1 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 48.221 ng

RT: 12.869 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Tgt Ion:196 Resp: 504176

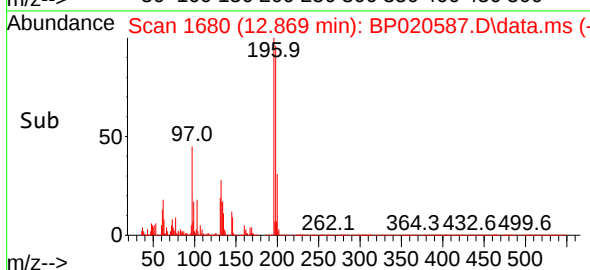
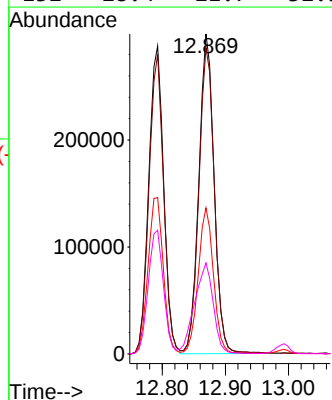
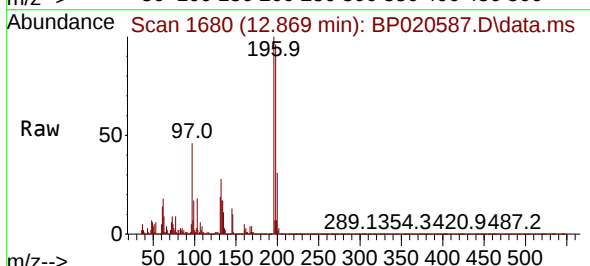
Ion Ratio Lower Upper

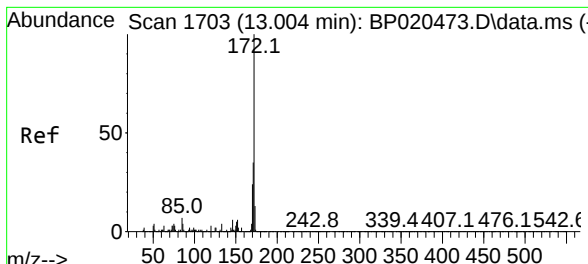
196 100

198 95.7 77.0 115.4

97 45.6 38.9 58.3

132 28.4 21.7 32.5

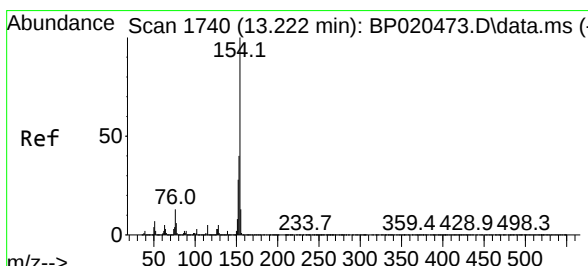
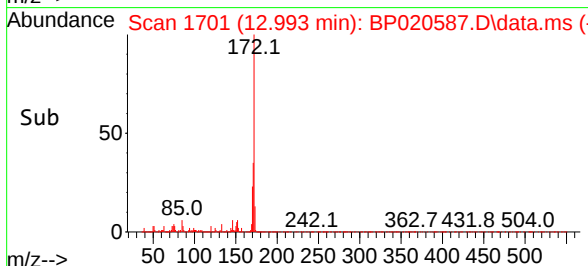
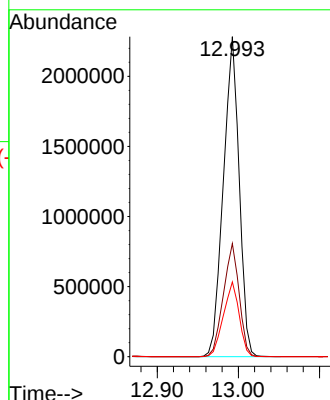
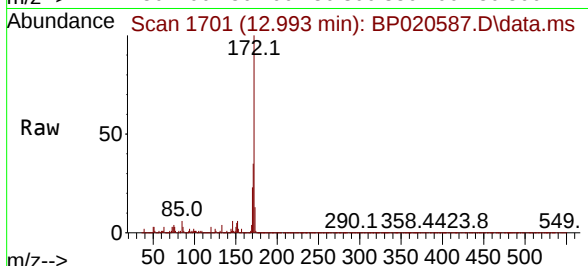




#45
2-Fluorobiphenyl
Concen: 89.070 ng
RT: 12.993 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

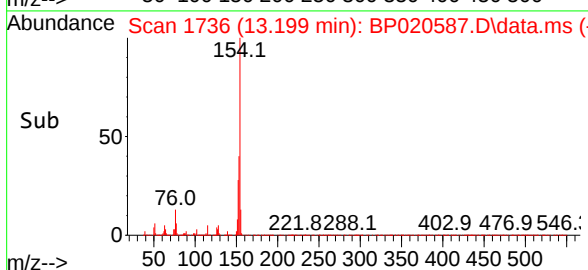
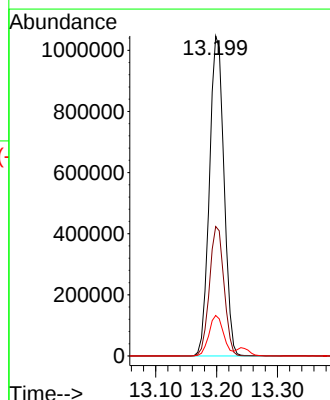
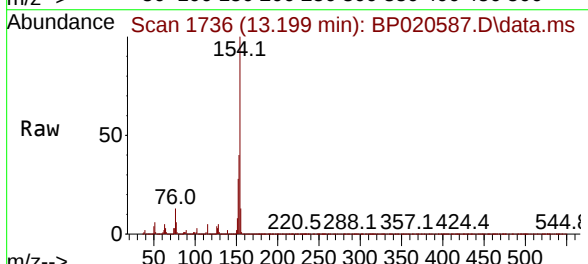
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

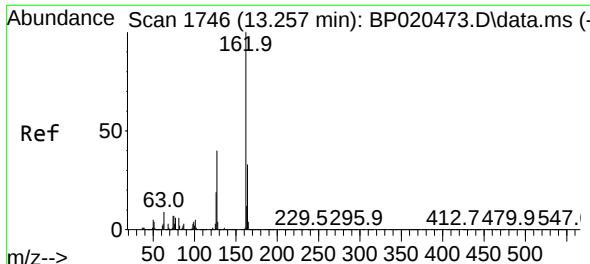
Tgt Ion:172 Resp: 3096132
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 47.568 ng
RT: 13.199 min Scan# 1736
Delta R.T. -0.023 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:154 Resp: 1739553
Ion Ratio Lower Upper
154 100
153 40.4 19.9 59.9
76 12.7 0.0 33.2

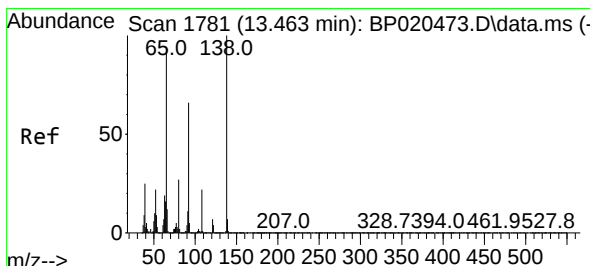
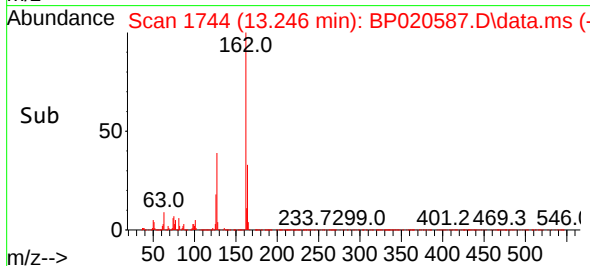
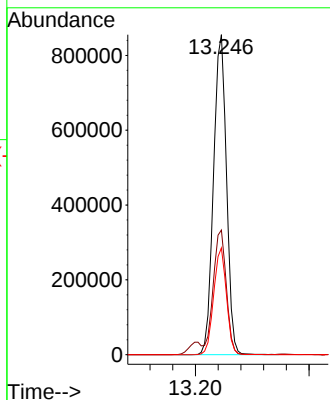
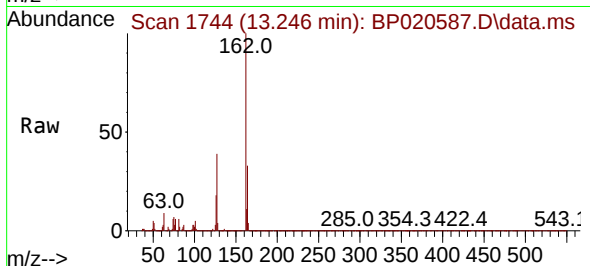




#47
2-Chloronaphthalene
Concen: 46.525 ng
RT: 13.246 min Scan# 1744
Delta R.T. -0.011 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

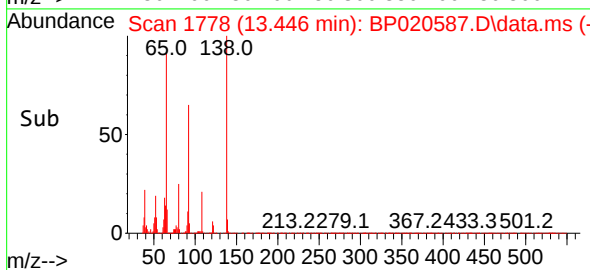
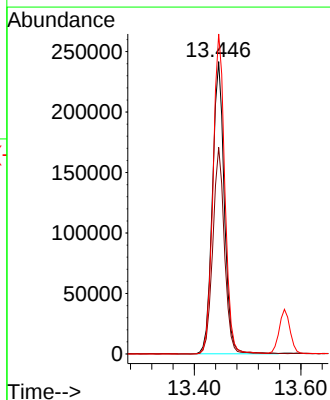
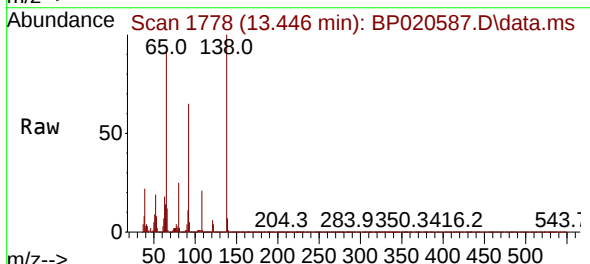
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

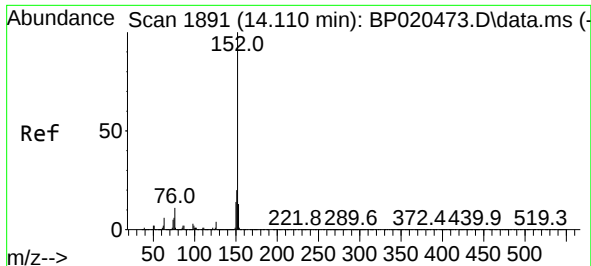
Tgt Ion:162 Resp: 1352583
Ion Ratio Lower Upper
162 100
127 39.0 32.2 48.2
164 33.4 26.1 39.1



#48
2-Nitroaniline
Concen: 47.757 ng
RT: 13.446 min Scan# 1778
Delta R.T. -0.018 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion: 65 Resp: 376212
Ion Ratio Lower Upper
65 100
92 70.6 55.8 83.8
138 109.5 85.2 127.8

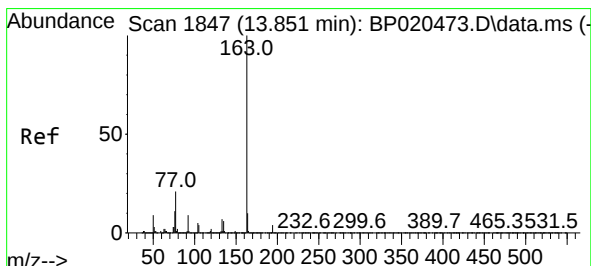
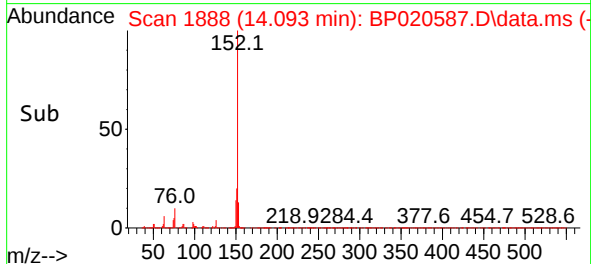
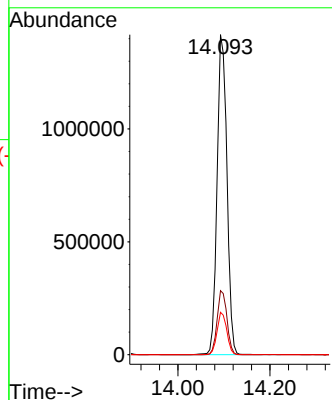
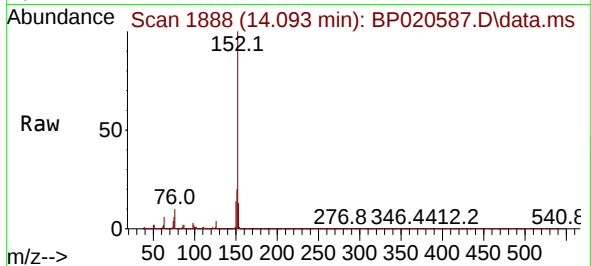




#49
Acenaphthylene
Concen: 48.624 ng
RT: 14.093 min Scan# 1888
Delta R.T. -0.017 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

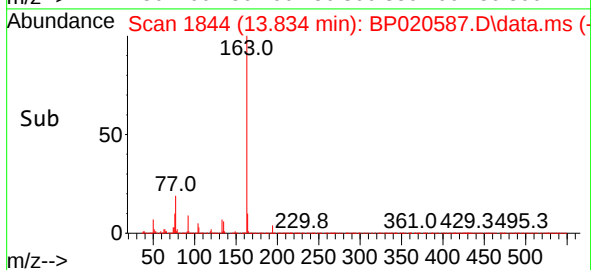
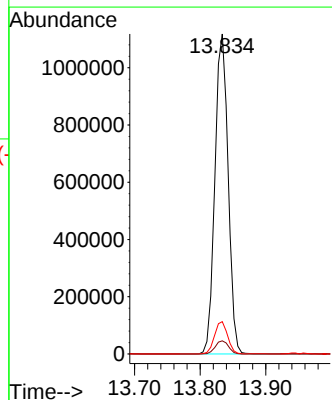
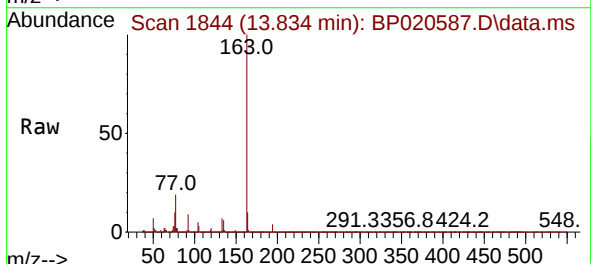
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

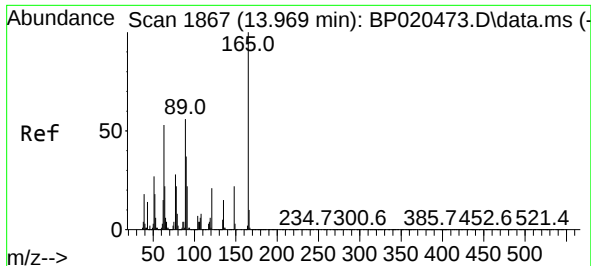
Tgt Ion:152 Resp: 2097552
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 42.723 ng
RT: 13.834 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:163 Resp: 1560507
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.3 12.5

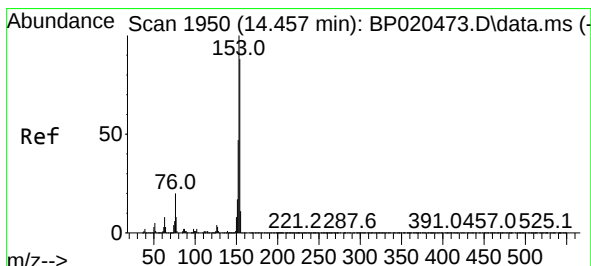
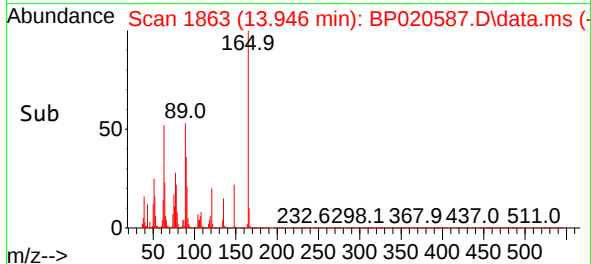
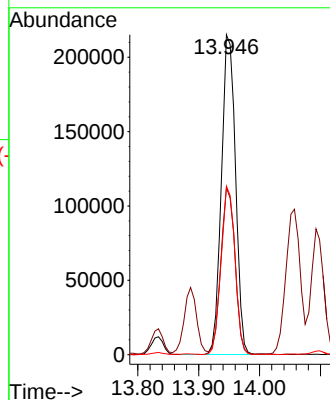
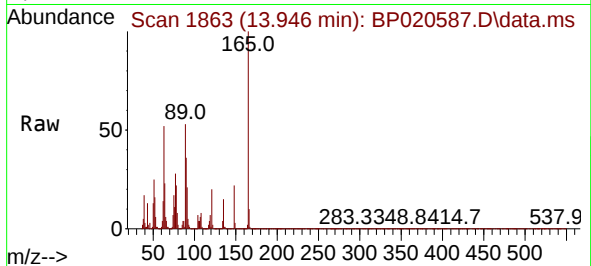




#51
2,6-Dinitrotoluene
Concen: 44.263 ng
RT: 13.946 min Scan# 1863
Delta R.T. -0.023 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

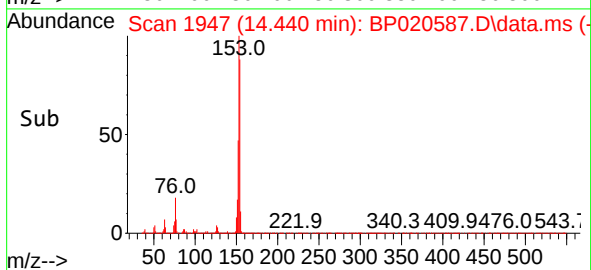
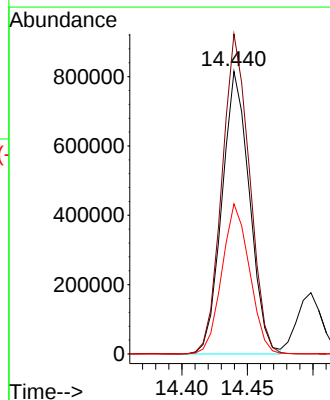
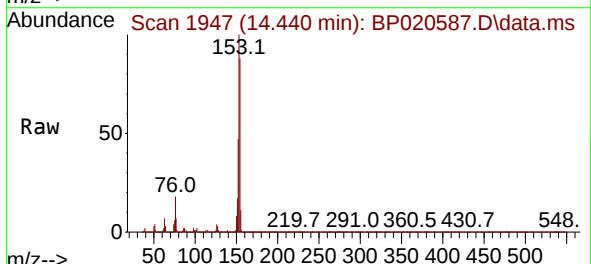
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

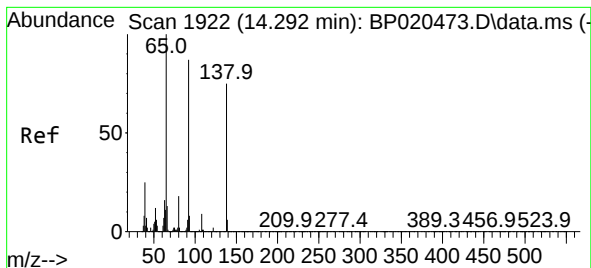
Tgt Ion:165 Resp: 345577
Ion Ratio Lower Upper
165 100
63 52.2 45.6 68.4
89 52.7 44.9 67.3



#52
Acenaphthene
Concen: 43.753 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:154 Resp: 1190577
Ion Ratio Lower Upper
154 100
153 113.2 90.6 136.0
152 53.1 42.6 63.8

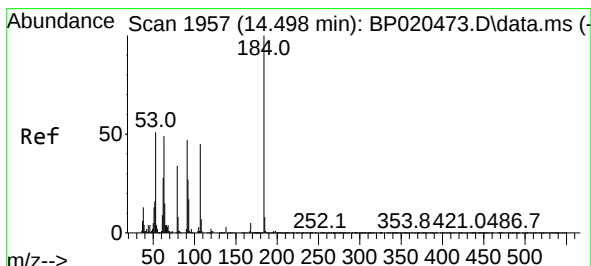
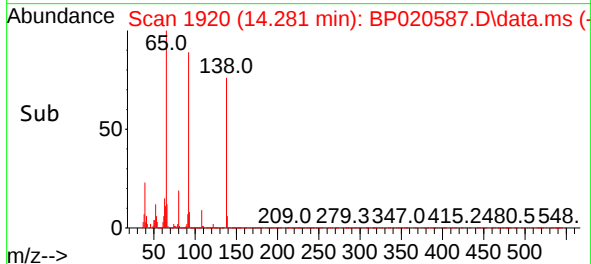
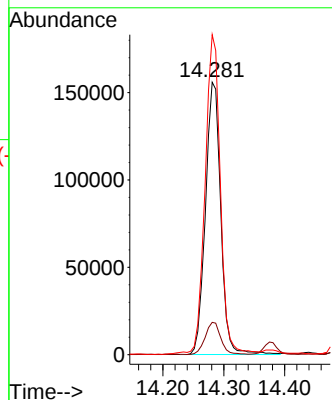
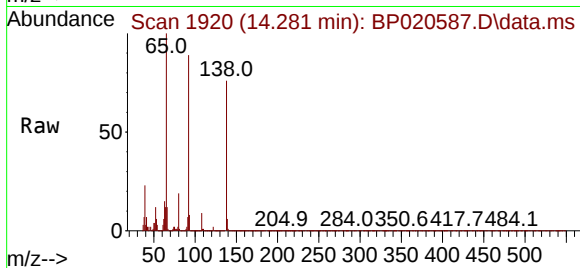




#53
3-Nitroaniline
Concen: 34.807 ng
RT: 14.281 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

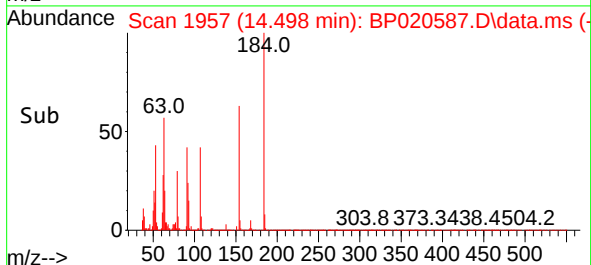
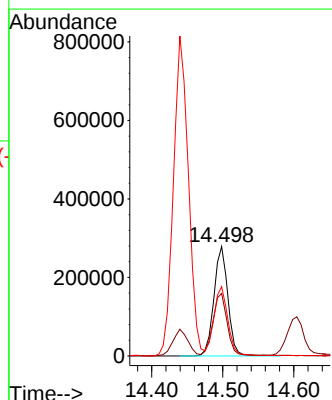
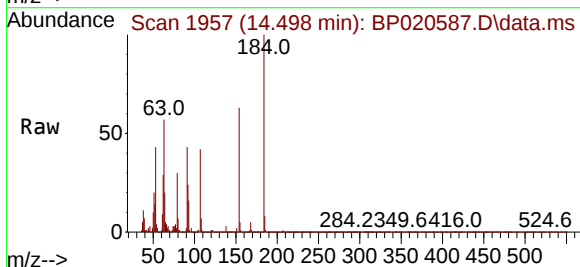
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

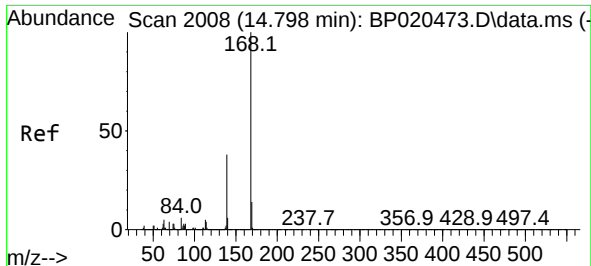
Tgt Ion:138 Resp: 272583
Ion Ratio Lower Upper
138 100
108 11.9 9.8 14.6
92 117.4 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 99.915 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:184 Resp: 381737
Ion Ratio Lower Upper
184 100
63 57.1 54.2 81.4
154 63.3 51.0 76.6

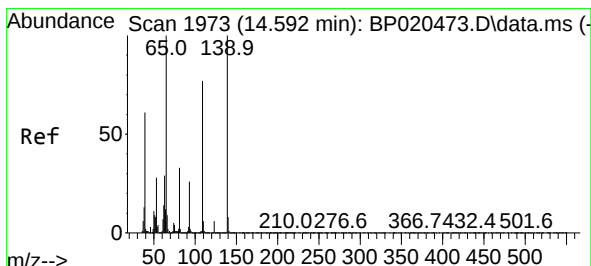
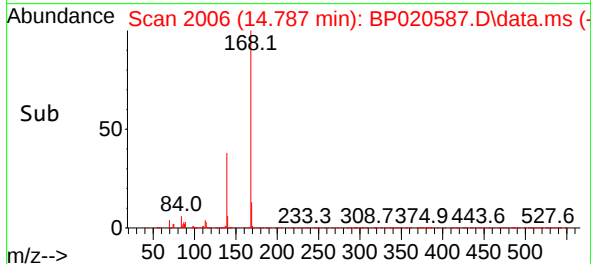
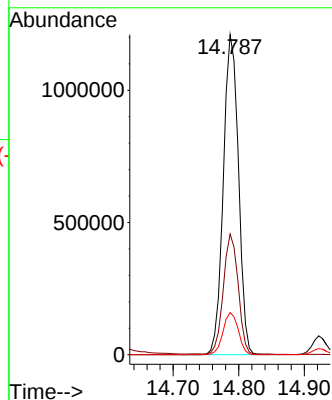
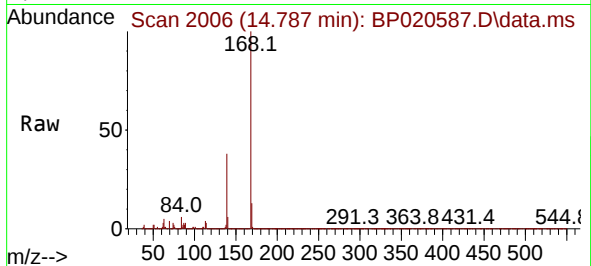




#55
Dibenzenofuran
Concen: 44.804 ng
RT: 14.787 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

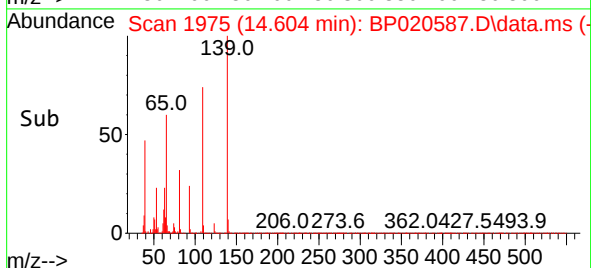
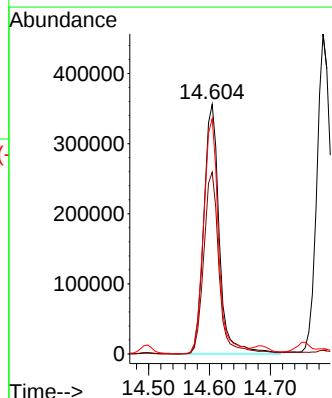
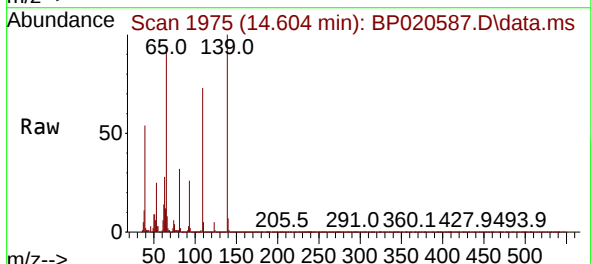
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

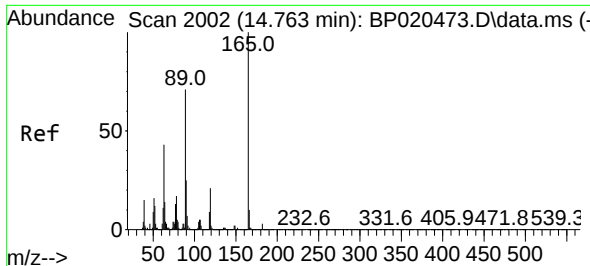
Tgt Ion:168 Resp: 1931291
Ion Ratio Lower Upper
168 100
139 37.7 30.4 45.6
169 13.2 11.0 16.4



#56
4-Nitrophenol
Concen: 103.775 ng
RT: 14.604 min Scan# 1975
Delta R.T. 0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:139 Resp: 628662
Ion Ratio Lower Upper
139 100
109 72.8 57.4 97.4
65 94.3 80.4 120.4

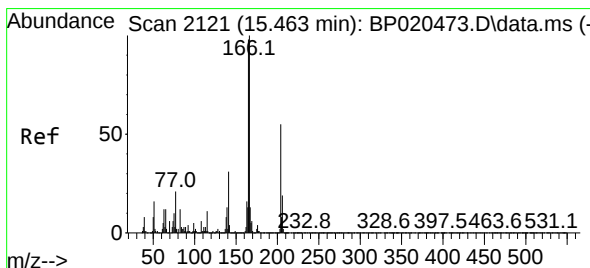
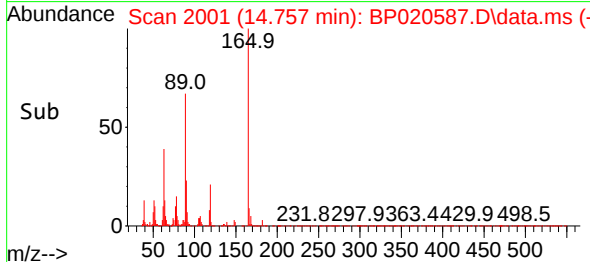
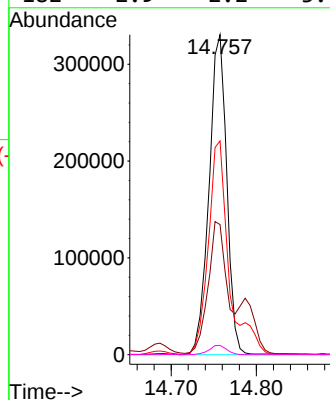
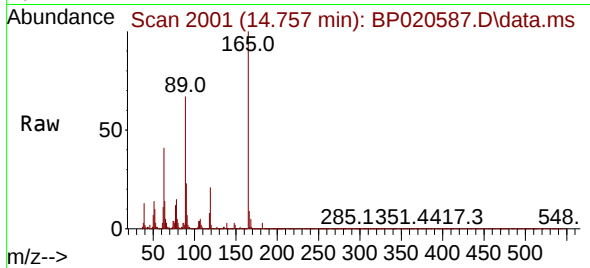




#57
2,4-Dinitrotoluene
Concen: 46.506 ng
RT: 14.757 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

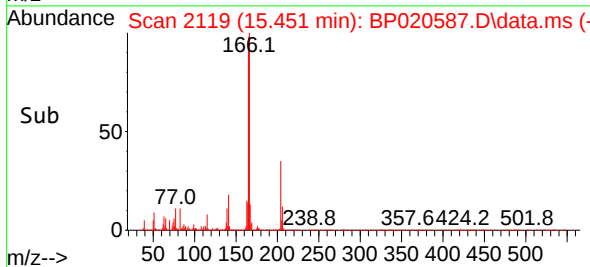
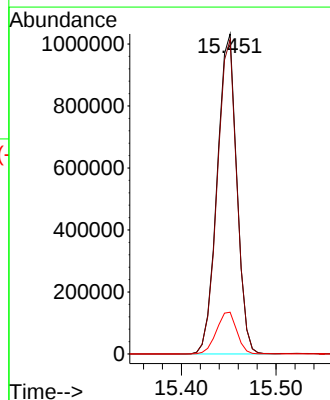
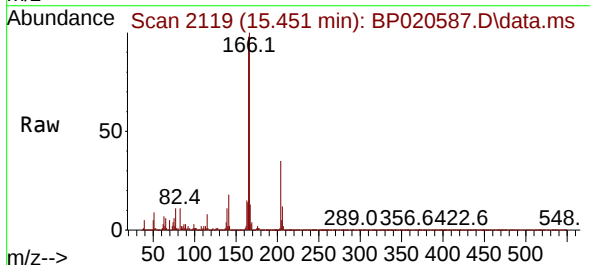
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

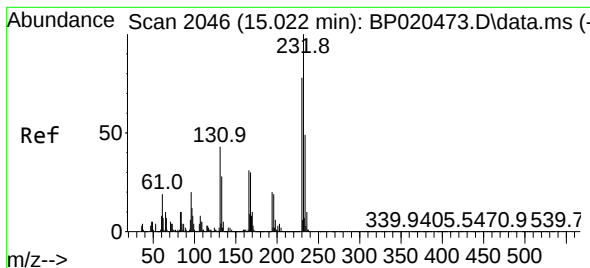
Tgt Ion:165 Resp: 477167
Ion Ratio Lower Upper
165 100
63 40.6 34.9 52.3
89 66.8 56.6 85.0
182 2.9 2.2 3.4



#58
Fluorene
Concen: 42.972 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:166 Resp: 1487029
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.4
167 13.1 10.7 16.1



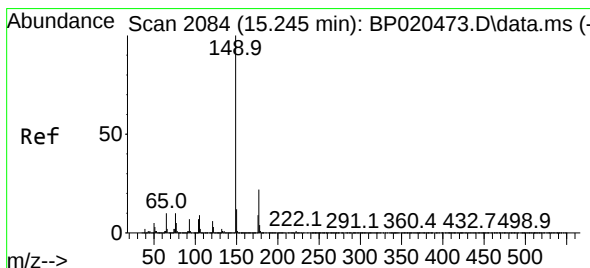
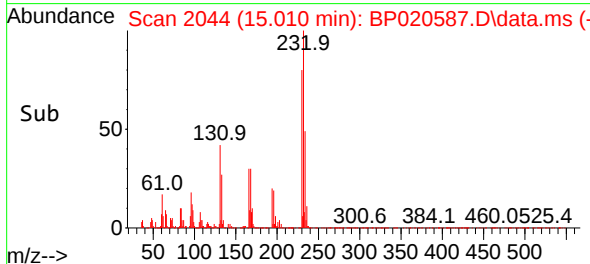
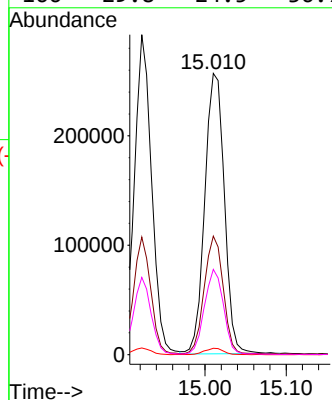
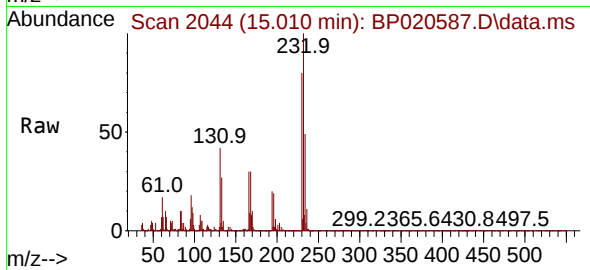


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.195 ng
RT: 15.010 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Instrument :
BNA_P
ClientSampleId :
PB161393BSD

Tgt Ion:232 Resp: 429483

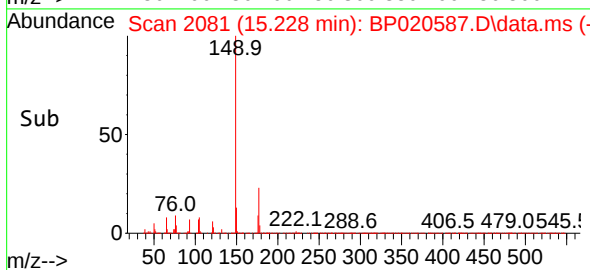
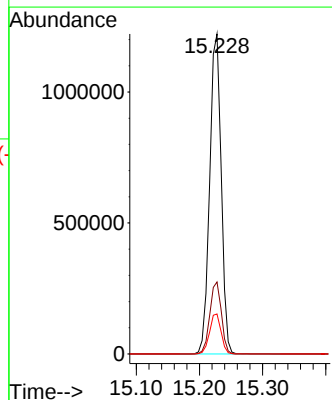
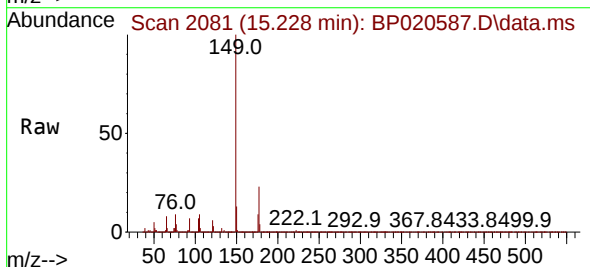
Ion	Ratio	Lower	Upper
232	100		
131	41.3	34.8	52.2
130	2.2	1.9	2.9
166	29.8	24.5	36.7

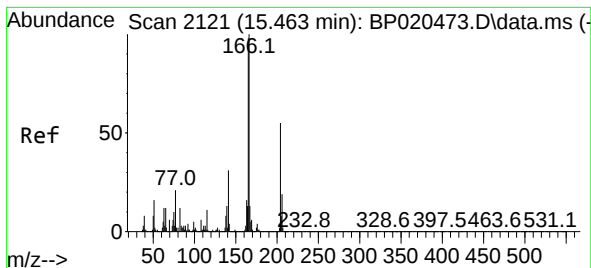


#60
Diethylphthalate
Concen: 41.519 ng
RT: 15.228 min Scan# 2081
Delta R.T. -0.018 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:149 Resp: 1541629

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.8	26.8
150	12.5	9.8	14.8

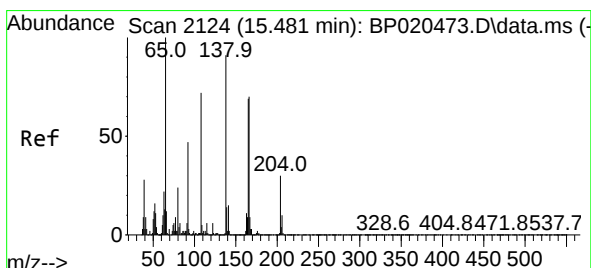
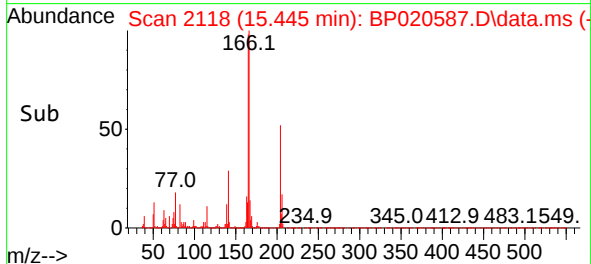
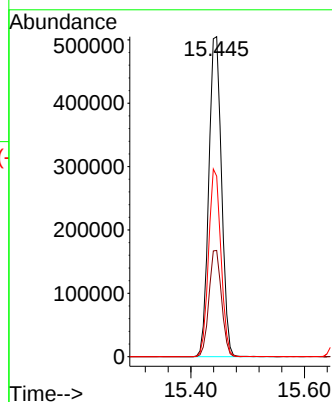
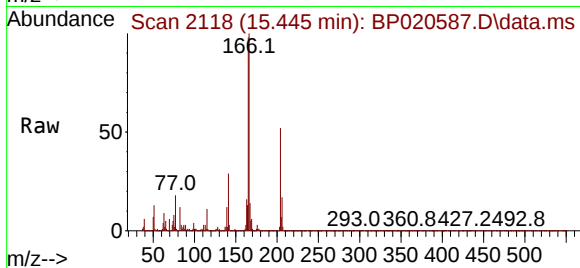




#61
4-Chlorophenyl-phenylether
Concen: 43.666 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

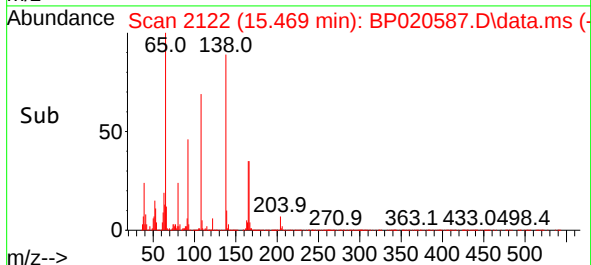
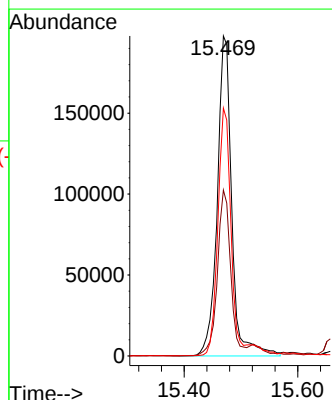
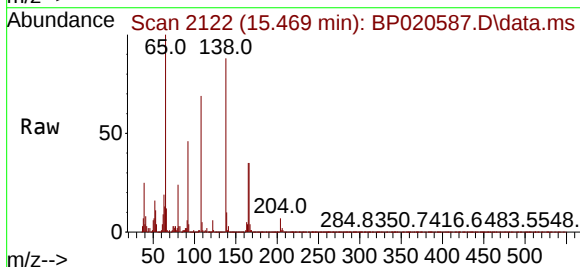
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

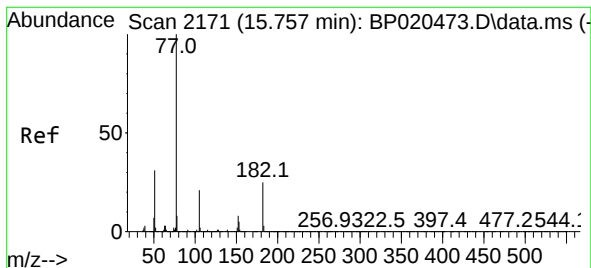
Tgt Ion:204 Resp: 779745
Ion Ratio Lower Upper
204 100
206 33.2 27.0 40.4
141 56.4 45.0 67.6



#62
4-Nitroaniline
Concen: 43.531 ng
RT: 15.469 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:138 Resp: 351170
Ion Ratio Lower Upper
138 100
92 51.8 31.7 71.7
108 77.5 59.9 99.9





#63

Azobenzene

Concen: 40.435 ng

RT: 15.740 min Scan# 2171

Delta R.T. -0.018 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Instrument :

BNA_P

ClientSampleId :

PB161393BSD

Tgt Ion: 77 Resp: 1401913

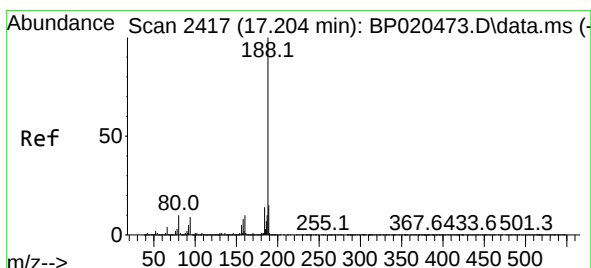
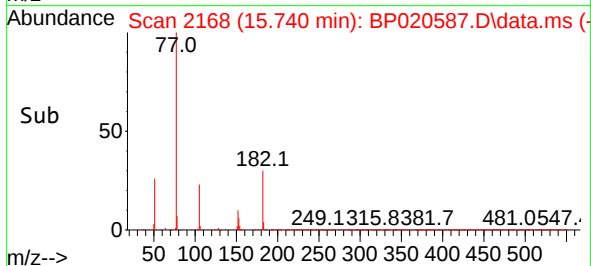
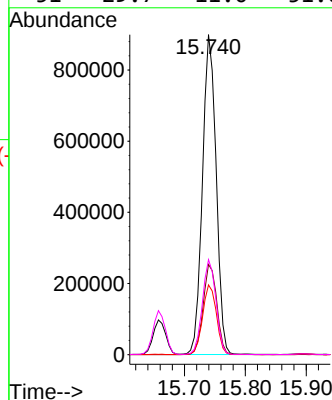
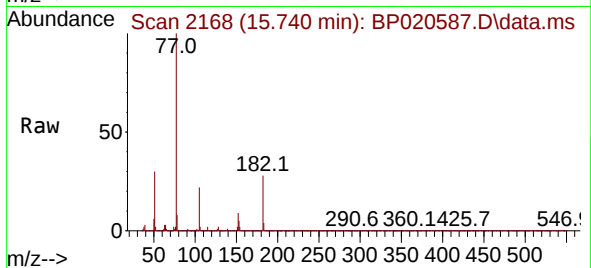
Ion Ratio Lower Upper

77 100

182 28.2 4.6 44.6

105 21.8 1.2 41.2

51 29.7 11.0 51.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.181 min Scan# 2413

Delta R.T. -0.023 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

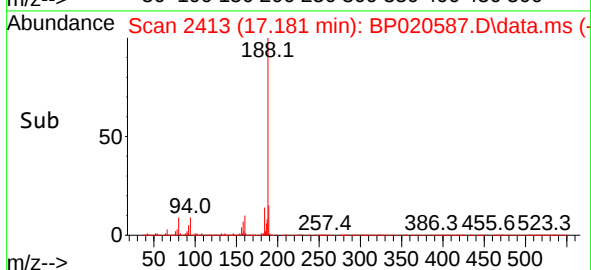
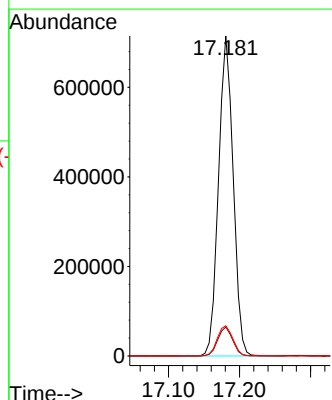
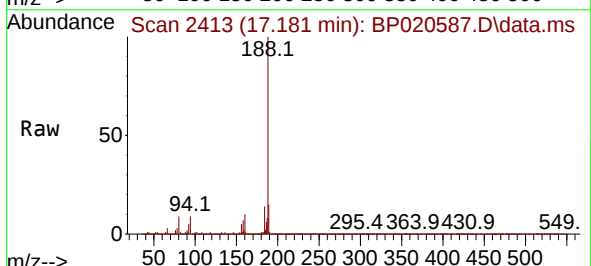
Tgt Ion:188 Resp: 1020812

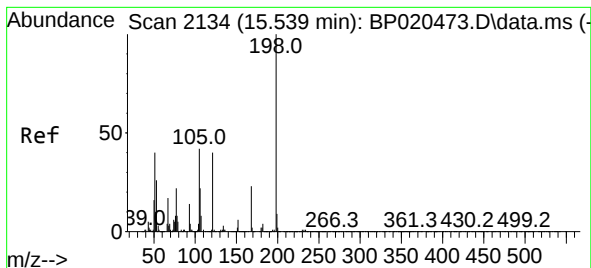
Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 9.4 8.1 12.1

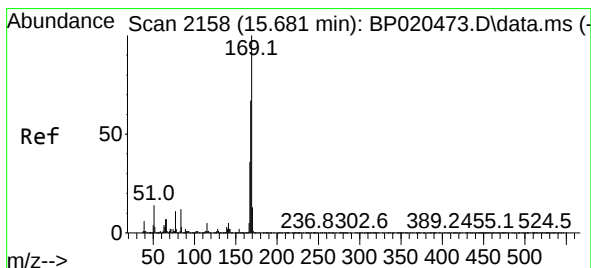
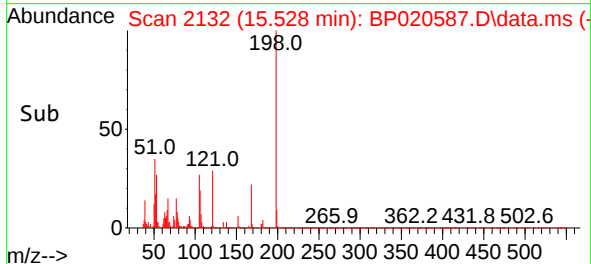
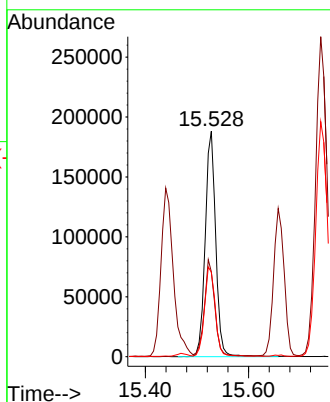
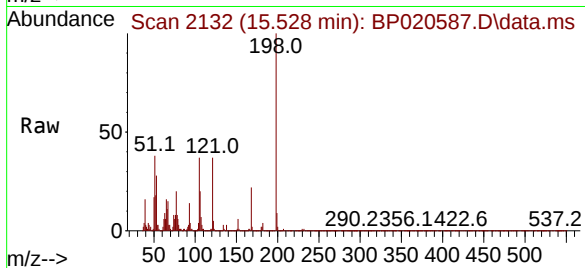




#65
4,6-Dinitro-2-methylphenol
Concen: 56.667 ng
RT: 15.528 min Scan# 2134
Delta R.T. -0.011 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

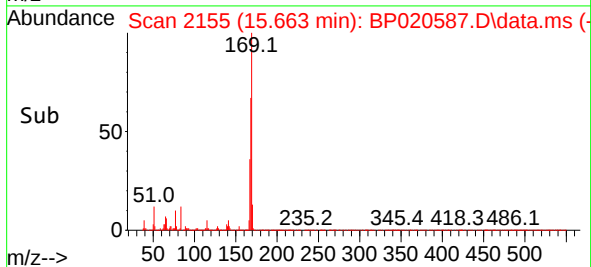
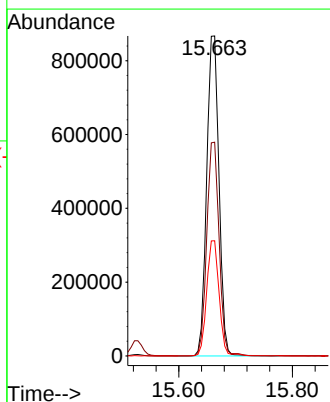
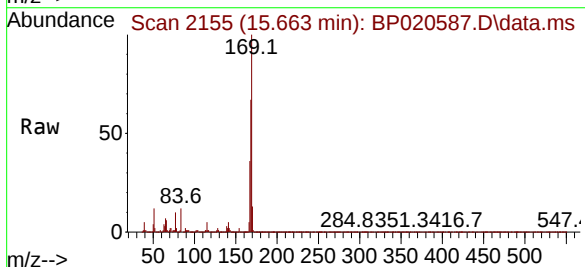
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

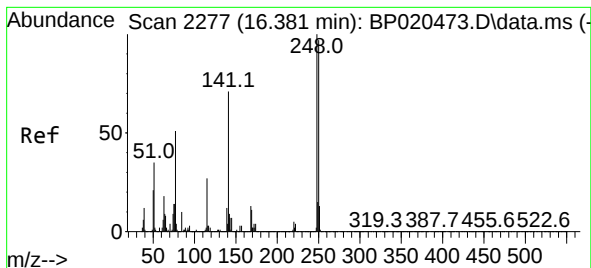
Tgt Ion:198 Resp: 263903
Ion Ratio Lower Upper
198 100
51 37.7 24.8 64.8
105 37.5 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 46.082 ng
RT: 15.663 min Scan# 2155
Delta R.T. -0.018 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:169 Resp: 1293331
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 36.0 28.7 43.1

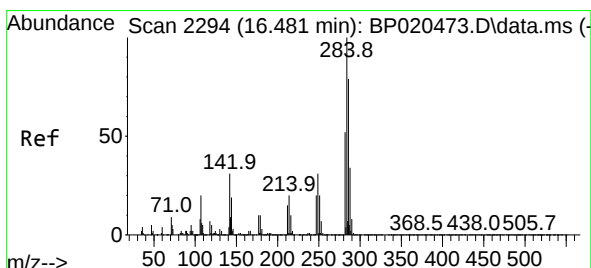
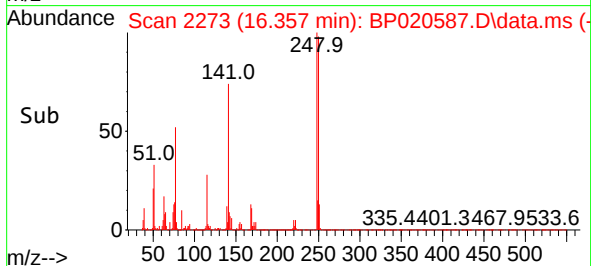
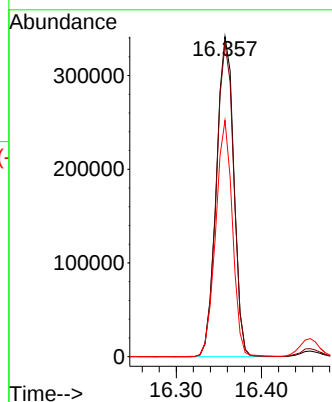
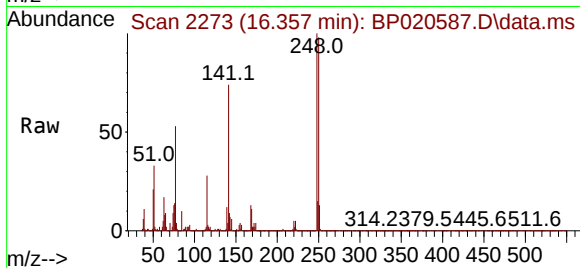




#67
4-Bromophenyl-phenylether
Concen: 46.535 ng
RT: 16.357 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

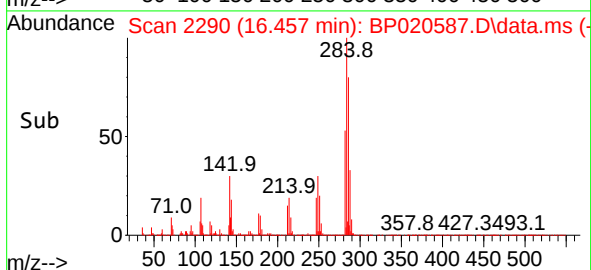
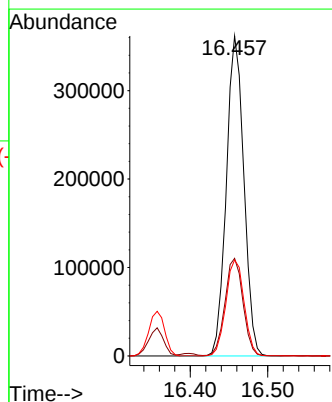
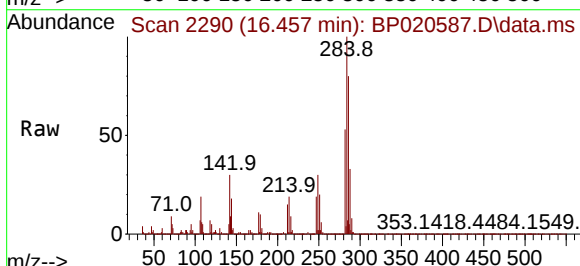
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

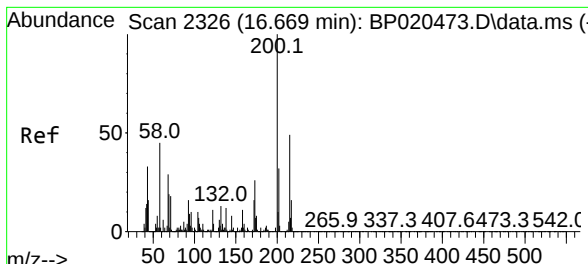
Tgt Ion:248 Resp: 485986
Ion Ratio Lower Upper
248 100
250 97.9 77.4 116.0
141 73.9 56.5 84.7



#68
Hexachlorobenzene
Concen: 46.257 ng
RT: 16.457 min Scan# 2290
Delta R.T. -0.023 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:284 Resp: 568549
Ion Ratio Lower Upper
284 100
142 30.5 24.5 36.7
249 30.0 25.3 37.9

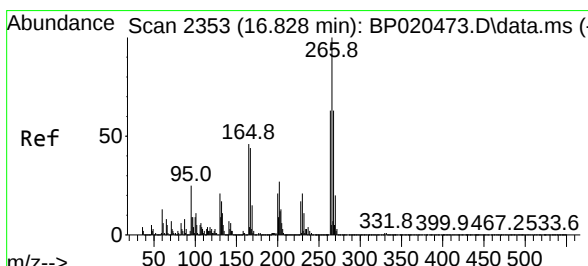
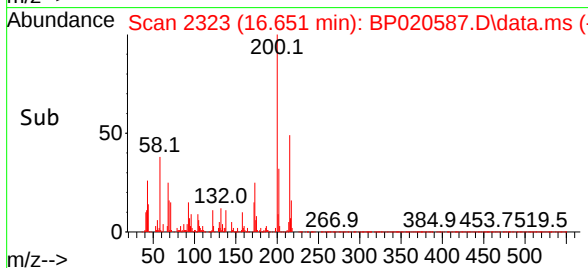
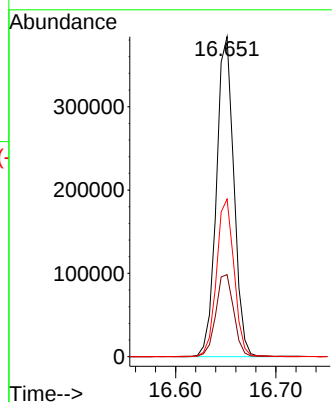
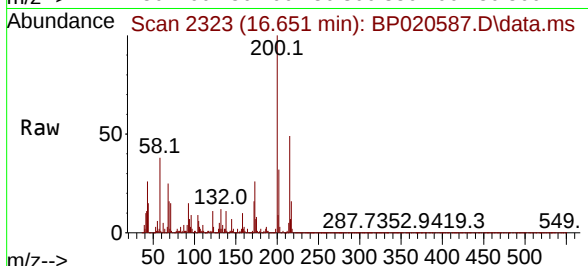




#69
 Atrazine
 Concen: 47.046 ng
 RT: 16.651 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP020587.D
 Acq: 11 Jun 2024 14:12

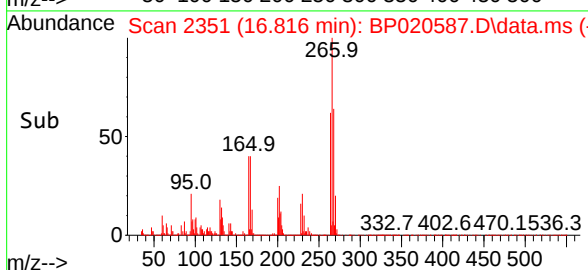
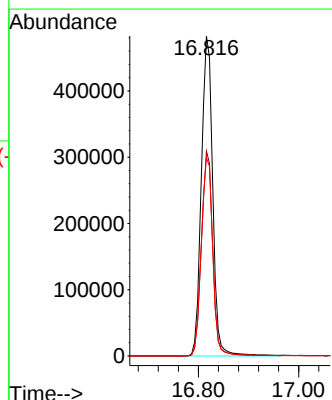
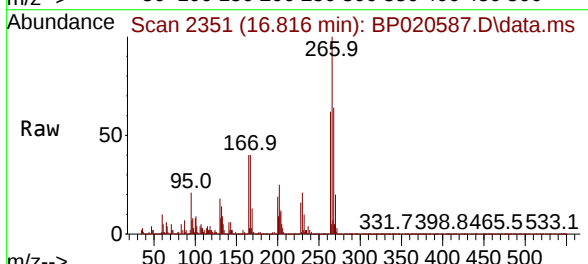
Instrument :
 BNA_P
 ClientSampleId :
 PB161393BSD

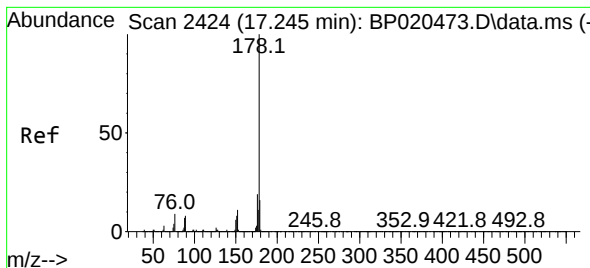
Tgt Ion:	200	Resp:	464519
Ion Ratio	Lower	Upper	
200	100		
173	25.6	6.1	46.1
215	49.3	28.7	68.7



#70
 Pentachlorophenol
 Concen: 101.886 ng
 RT: 16.816 min Scan# 2351
 Delta R.T. -0.012 min
 Lab File: BP020587.D
 Acq: 11 Jun 2024 14:12

Tgt Ion:	266	Resp:	760572
Ion Ratio	Lower	Upper	
266	100		
268	64.0	50.1	75.1
264	61.9	50.6	76.0





#71

Phenanthrene

Concen: 46.415 ng

RT: 17.228 min Scan# 2421

Delta R.T. -0.018 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Instrument :

BNA_P

ClientSampleId :

PB161393BSD

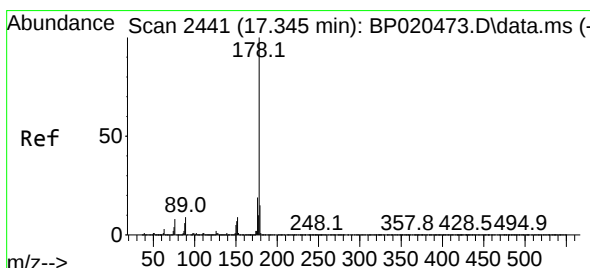
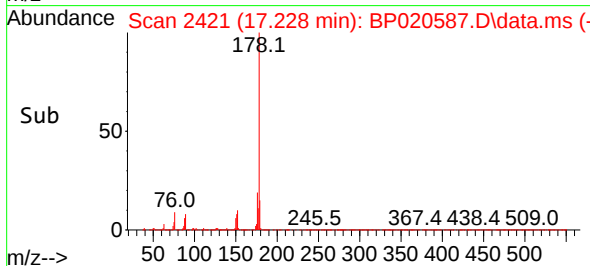
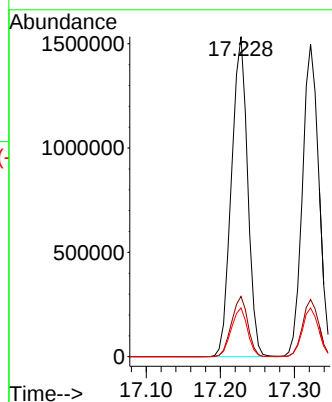
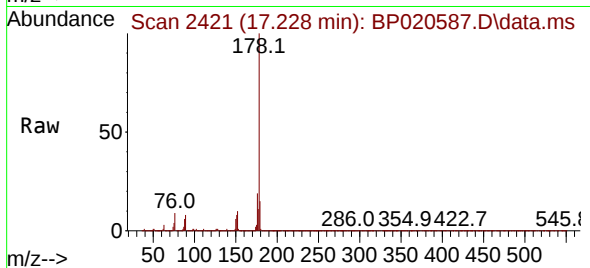
Tgt Ion:178 Resp: 2329132

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.3 12.5 18.7



#72

Anthracene

Concen: 46.983 ng

RT: 17.322 min Scan# 2437

Delta R.T. -0.023 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

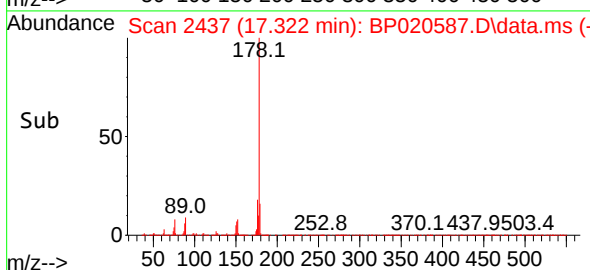
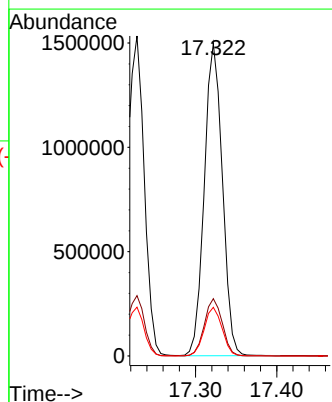
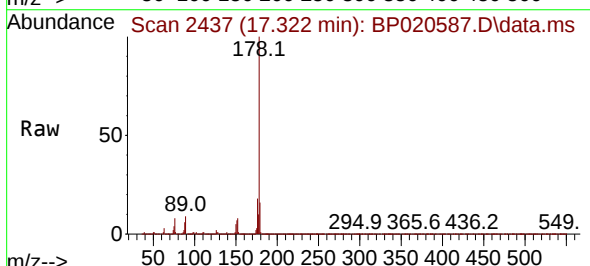
Tgt Ion:178 Resp: 2313460

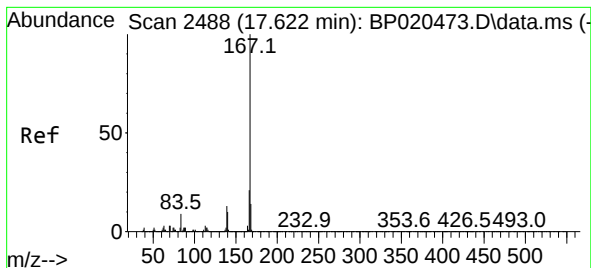
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

179 15.6 12.2 18.4





#73

Carbazole

Concen: 46.198 ng

RT: 17.604 min Scan# 24

Delta R.T. -0.018 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Instrument :

BNA_P

ClientSampleId :

PB161393BSD

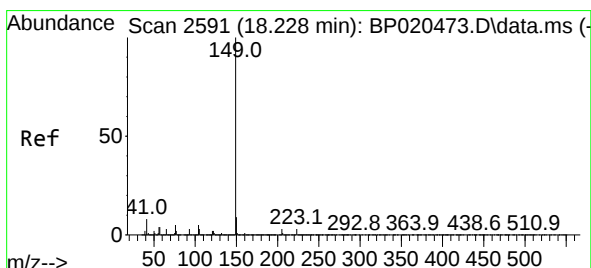
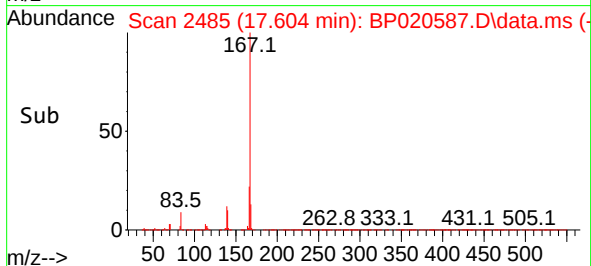
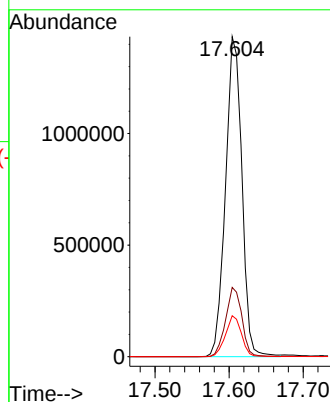
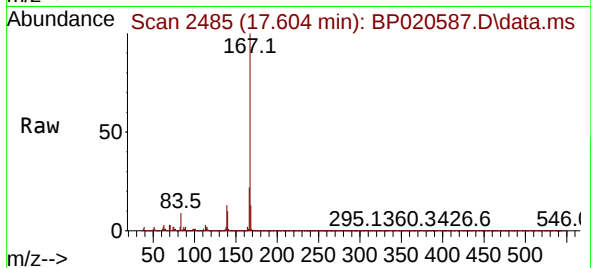
Tgt Ion:167 Resp: 2200353

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 12.8 10.5 15.7



#74

Di-n-butylphthalate

Concen: 45.331 ng

RT: 18.198 min Scan# 2586

Delta R.T. -0.029 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

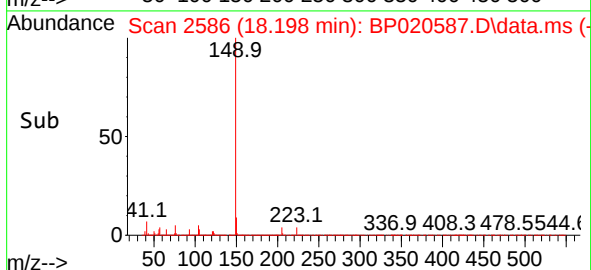
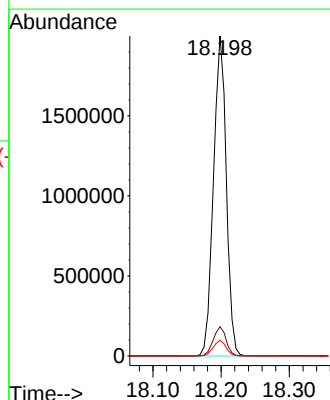
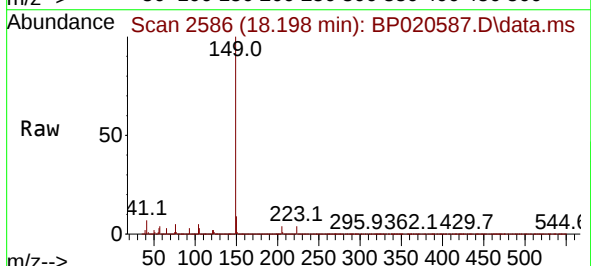
Tgt Ion:149 Resp: 2614654

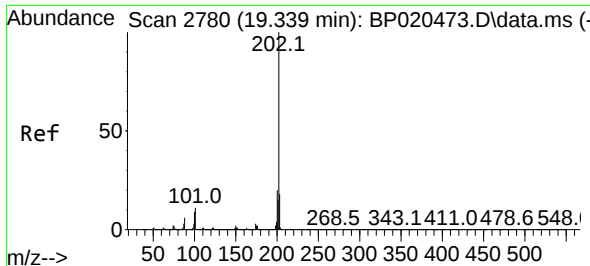
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.9 4.2 6.2

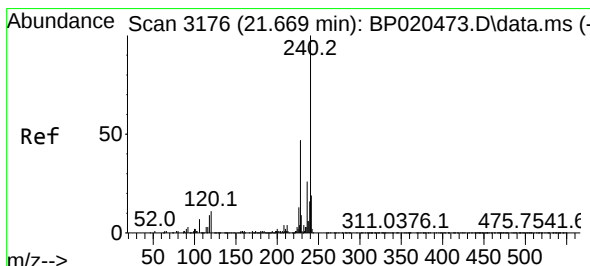
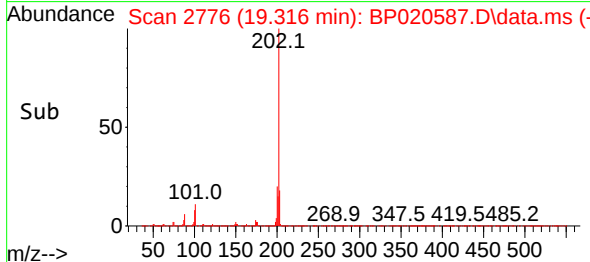
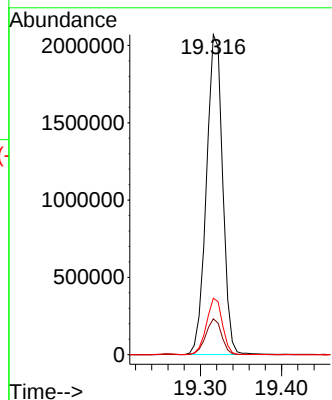
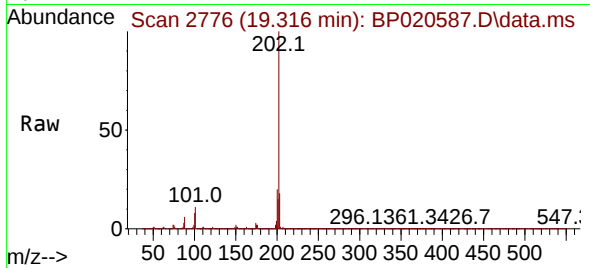




#75
Fluoranthene
Concen: 48.222 ng
RT: 19.316 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

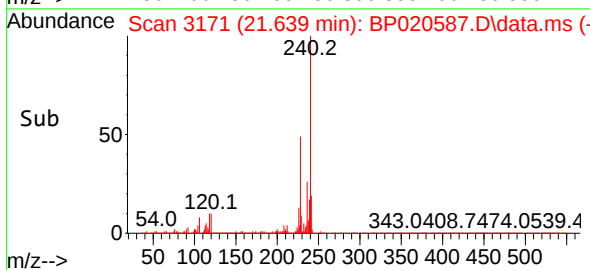
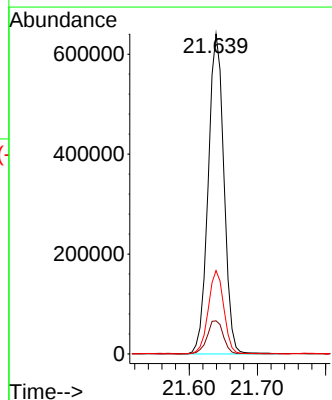
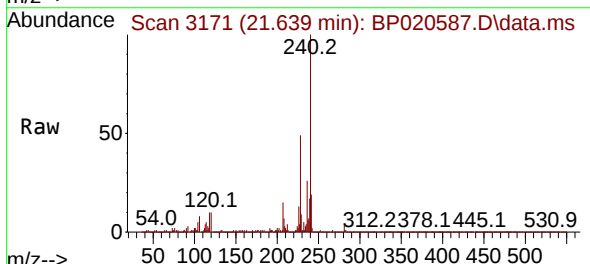
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

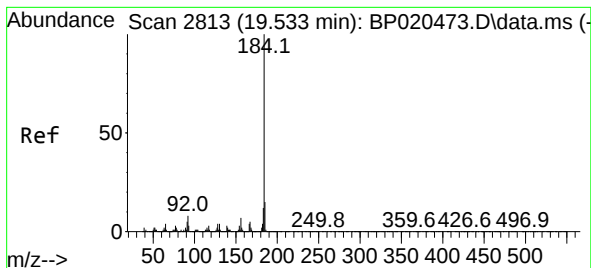
Tgt Ion:202 Resp: 2862719
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3171
Delta R.T. -0.029 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:240 Resp: 1027568
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 26.0 20.5 30.7





#77

Benzidine

Concen: 12.342 ng

RT: 19.528 min Scan# 2812

Delta R.T. -0.005 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Instrument :

BNA_P

ClientSampleId :

PB161393BSD

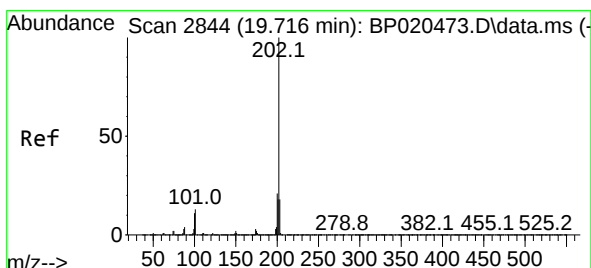
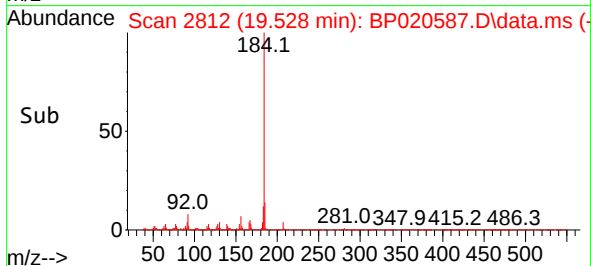
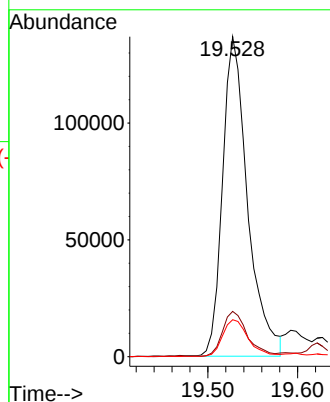
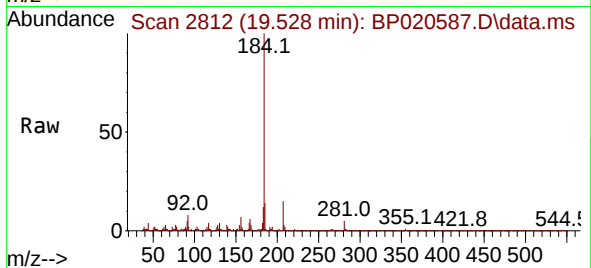
Tgt Ion:184 Resp: 265848

Ion Ratio Lower Upper

184 100

185 14.1 12.0 18.0

183 11.6 9.4 14.0



#78

Pyrene

Concen: 38.510 ng

RT: 19.692 min Scan# 2840

Delta R.T. -0.023 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

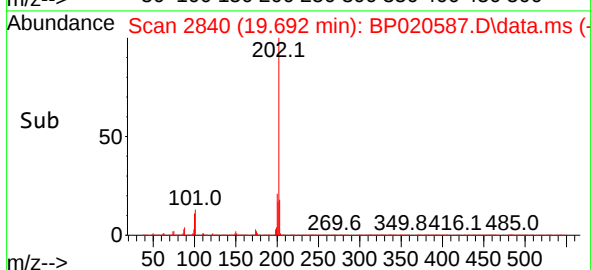
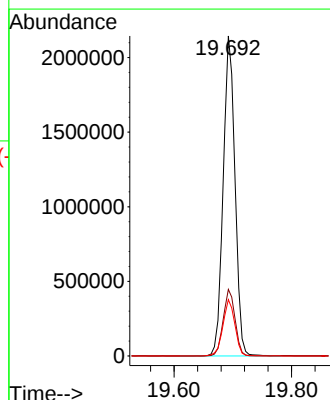
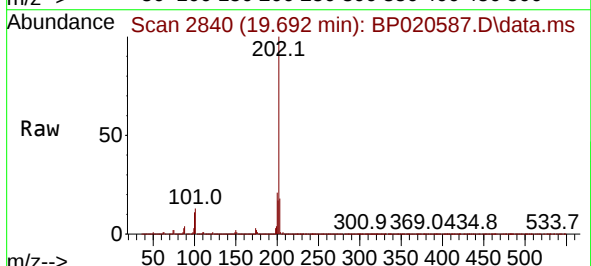
Tgt Ion:202 Resp: 2976535

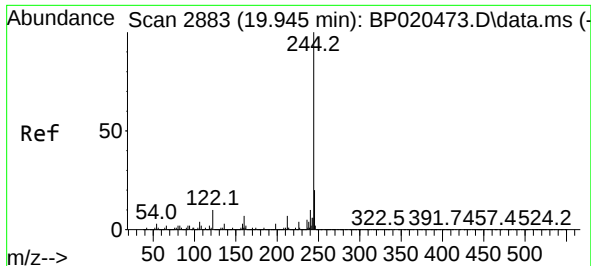
Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

203 17.6 14.1 21.1

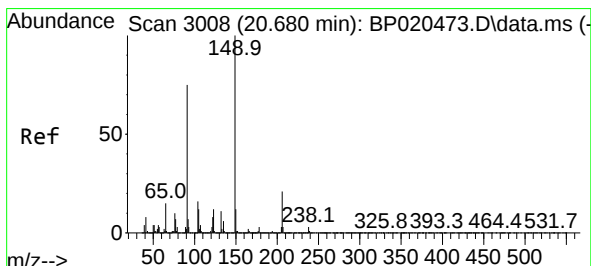
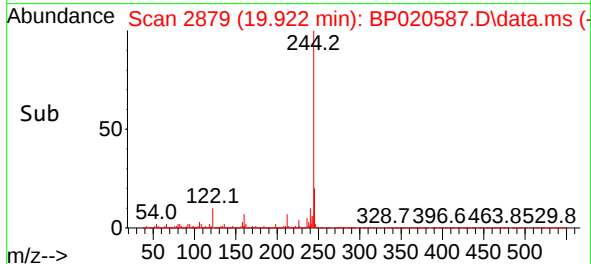
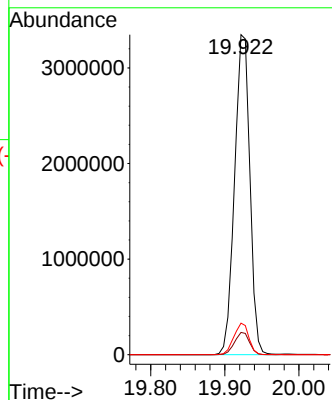
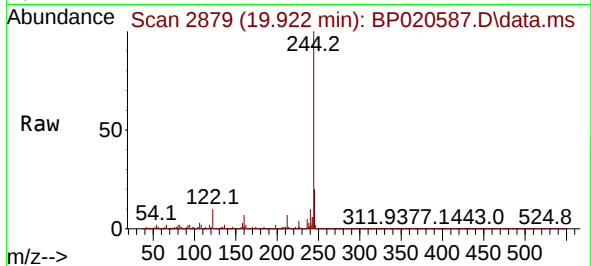




#79
 Terphenyl-d14
 Concen: 77.561 ng
 RT: 19.922 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BP020587.D
 Acq: 11 Jun 2024 14:12

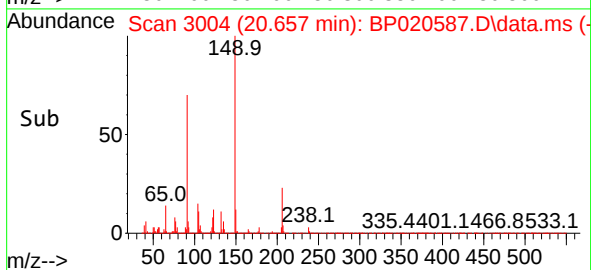
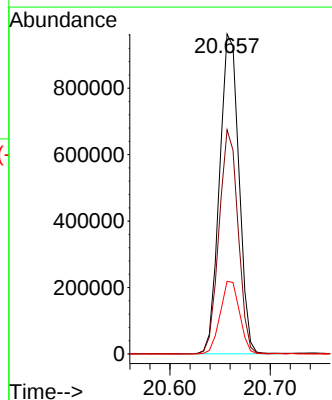
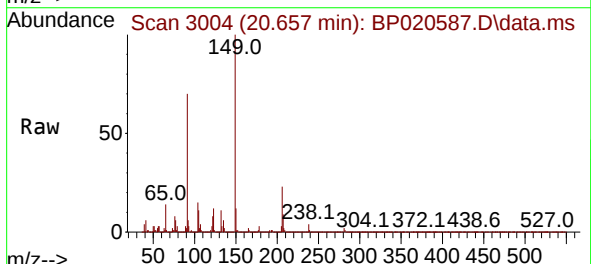
Instrument :
 BNA_P
 ClientSampleId :
 PB161393BSD

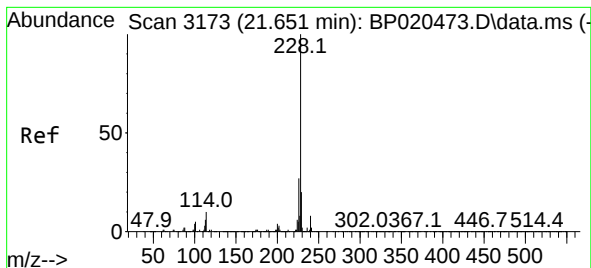
Tgt Ion:244 Resp: 4787510
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 9.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 41.765 ng
 RT: 20.657 min Scan# 3004
 Delta R.T. -0.023 min
 Lab File: BP020587.D
 Acq: 11 Jun 2024 14:12

Tgt Ion:149 Resp: 1289677
 Ion Ratio Lower Upper
 149 100
 91 70.0 60.0 90.0
 206 22.7 16.6 25.0





#81

Benzo(a)anthracene

Concen: 46.404 ng

RT: 21.622 min Scan# 3168

Delta R.T. -0.029 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Instrument :

BNA_P

ClientSampleId :

PB161393BSD

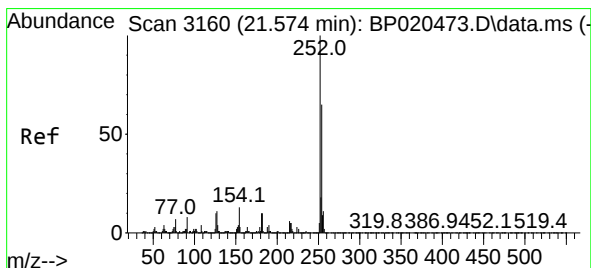
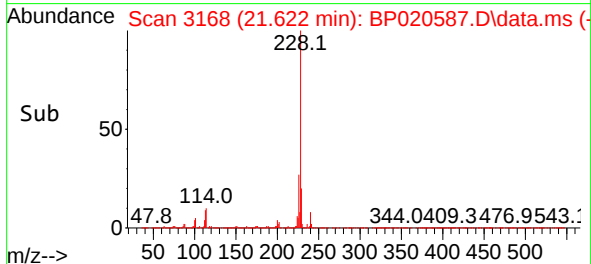
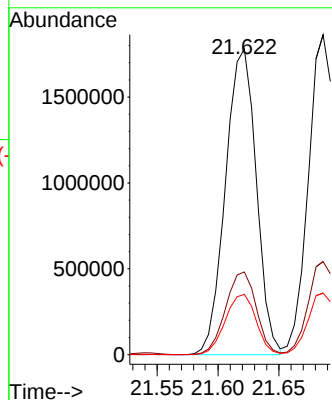
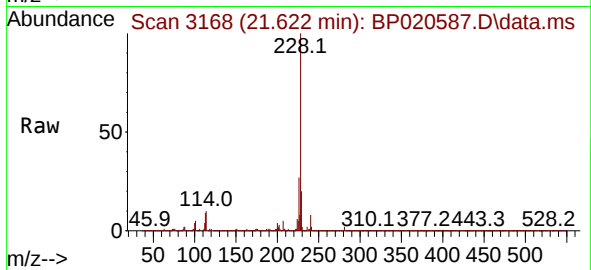
Tgt Ion:228 Resp: 3139667

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 45.076 ng

RT: 21.539 min Scan# 3154

Delta R.T. -0.035 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

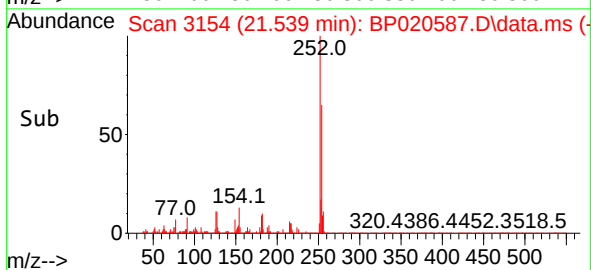
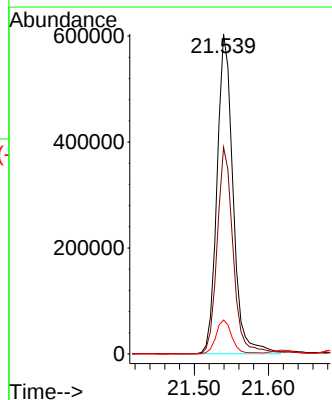
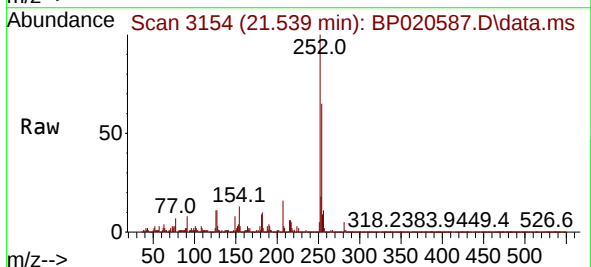
Tgt Ion:252 Resp: 906602

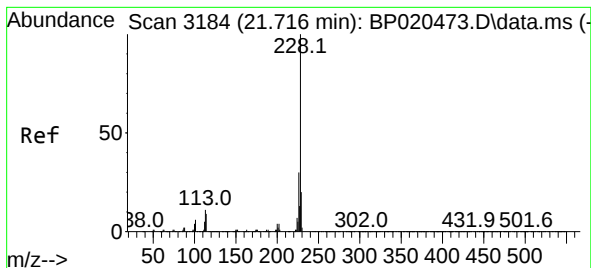
Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 10.6 8.3 12.5





#83

Chrysene

Concen: 47.566 ng

RT: 21.686 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Instrument :

BNA_P

ClientSampleId :

PB161393BSD

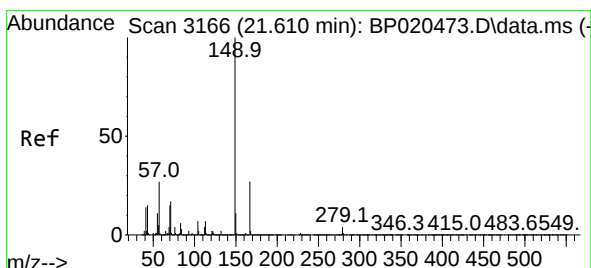
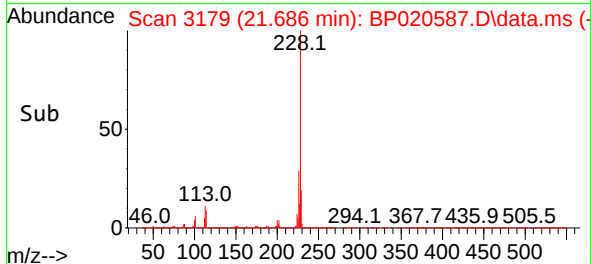
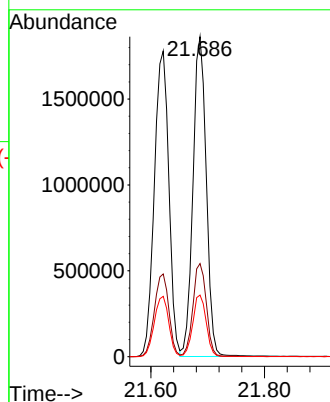
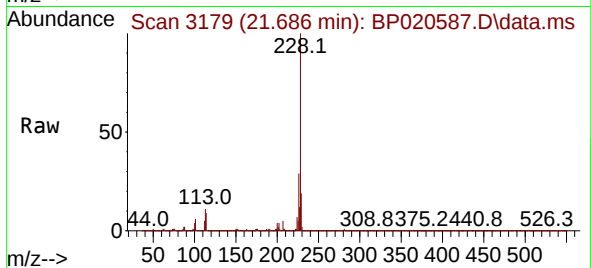
Tgt Ion:228 Resp: 3032498

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.640 ng

RT: 21.563 min Scan# 3158

Delta R.T. -0.047 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

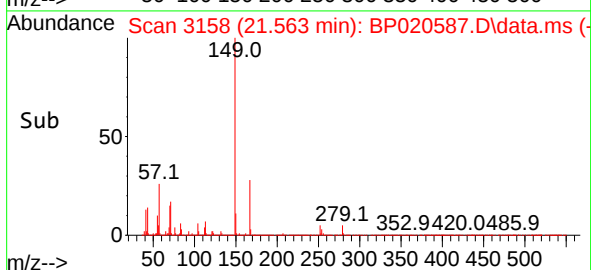
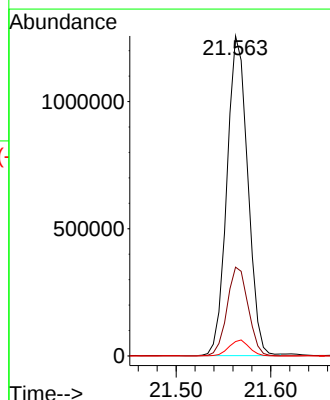
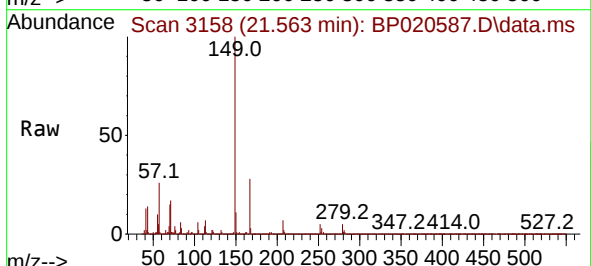
Tgt Ion:149 Resp: 1919675

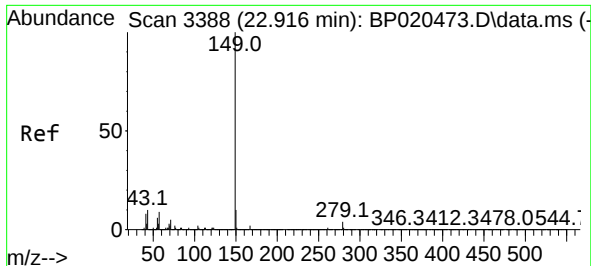
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

279 4.5 3.4 5.0

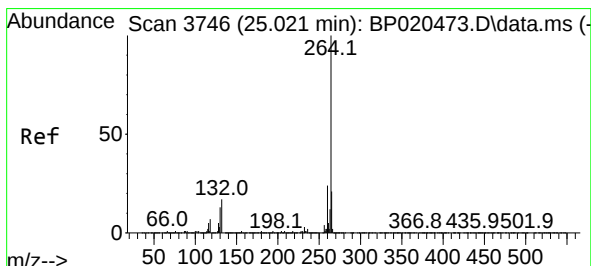
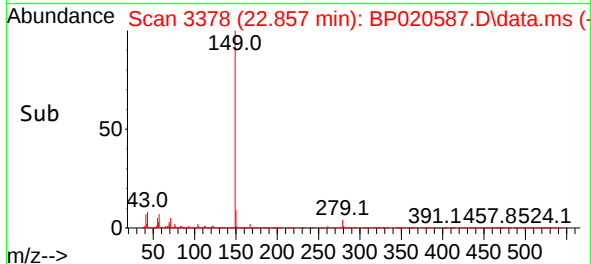
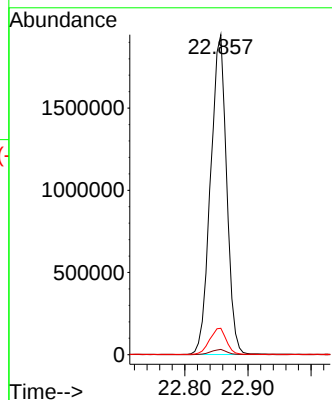
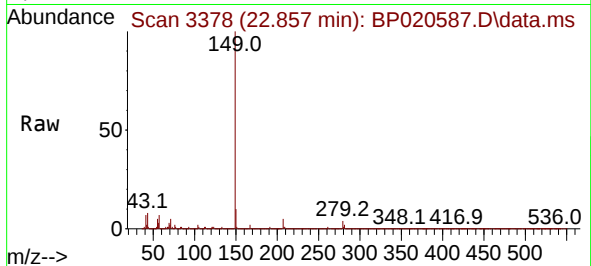




#85
Di-n-octyl phthalate
Concen: 53.760 ng
RT: 22.857 min Scan# 31
Delta R.T. -0.059 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

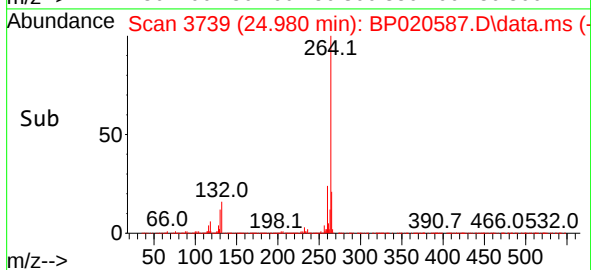
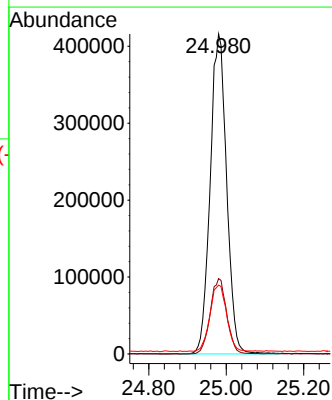
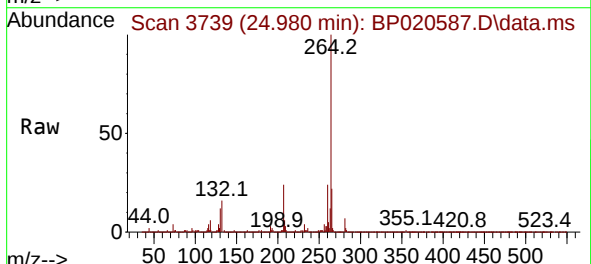
Instrument :
BNA_P
ClientSampleId :
PB161393BSD

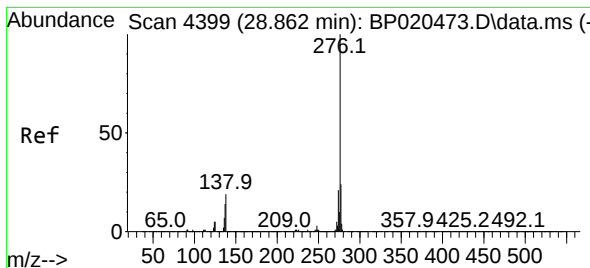
Tgt Ion:149 Resp: 3437144
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.980 min Scan# 3739
Delta R.T. -0.041 min
Lab File: BP020587.D
Acq: 11 Jun 2024 14:12

Tgt Ion:264 Resp: 1224831
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.439 ng

RT: 28.798 min Scan# 41

Delta R.T. -0.065 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Instrument :

BNA_P

ClientSampleId :

PB161393BSD

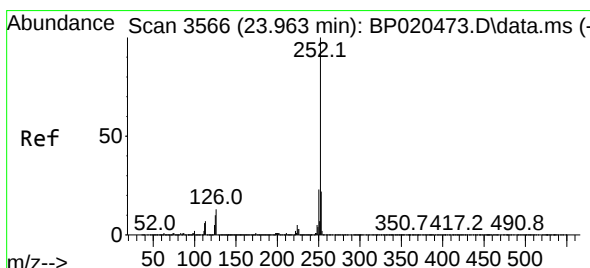
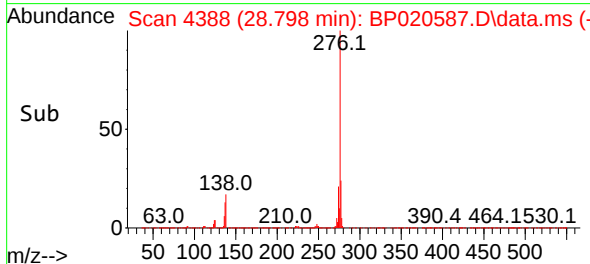
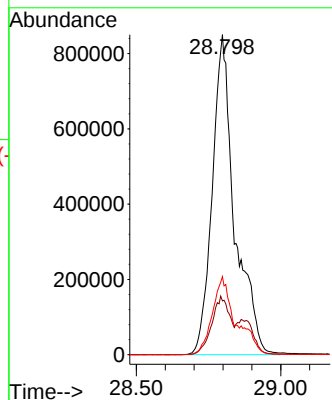
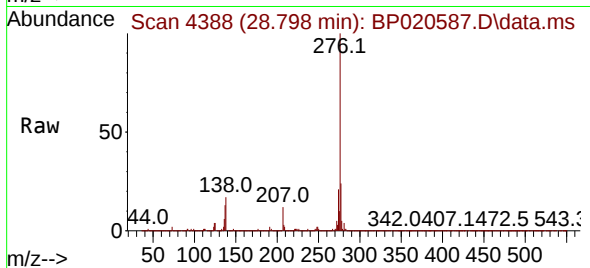
Tgt Ion:276 Resp: 4576020

Ion Ratio Lower Upper

276 100

138 14.9 12.8 19.2

277 25.6 15.6 23.4#



#88

Benzo(b)fluoranthene

Concen: 45.413 ng

RT: 23.921 min Scan# 3559

Delta R.T. -0.041 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

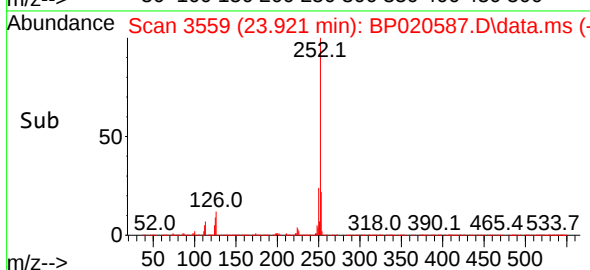
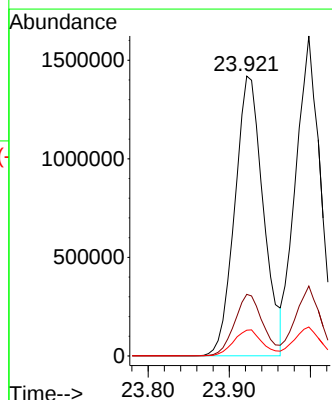
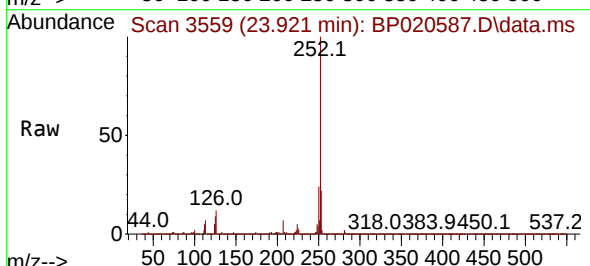
Tgt Ion:252 Resp: 3465206

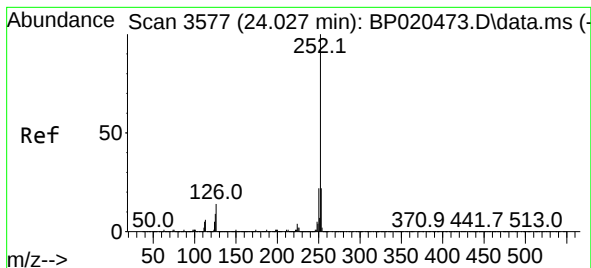
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.2 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.056 ng

RT: 23.998 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Instrument :

BNA_P

ClientSampleId :

PB161393BSD

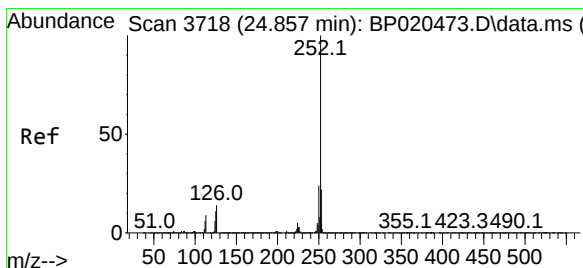
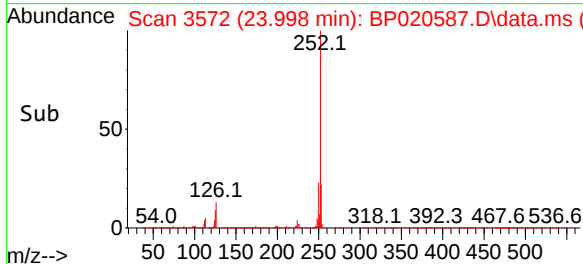
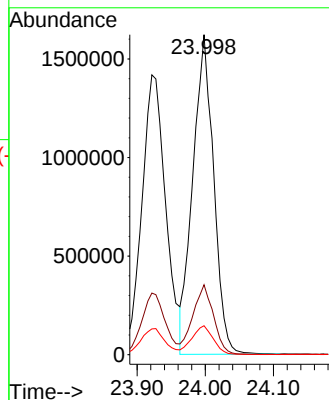
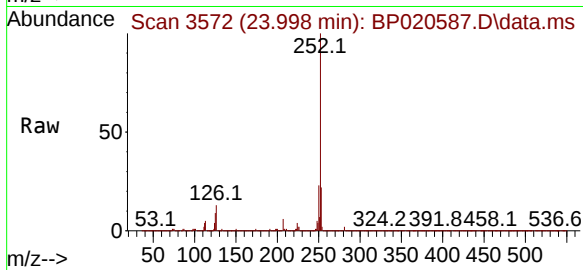
Tgt Ion:252 Resp: 3427577

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.0 7.8 11.6



#90

Benzo(a)pyrene

Concen: 52.189 ng

RT: 24.821 min Scan# 3712

Delta R.T. -0.035 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

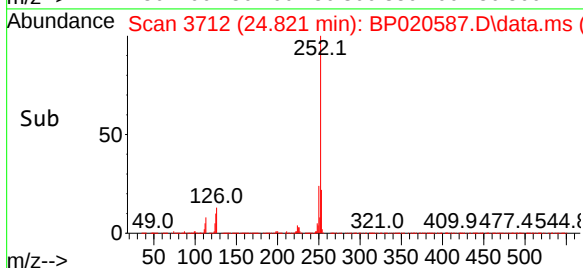
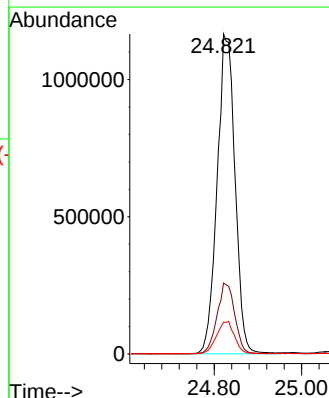
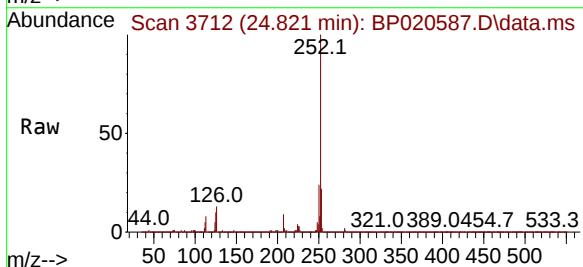
Tgt Ion:252 Resp: 3298011

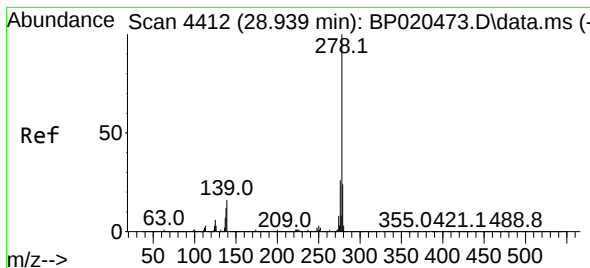
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 10.0 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 61.036 ng

RT: 28.886 min Scan# 4412

Delta R.T. -0.053 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Instrument :

BNA_P

ClientSampleId :

PB161393BSD

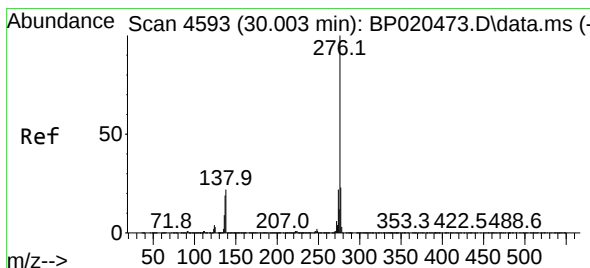
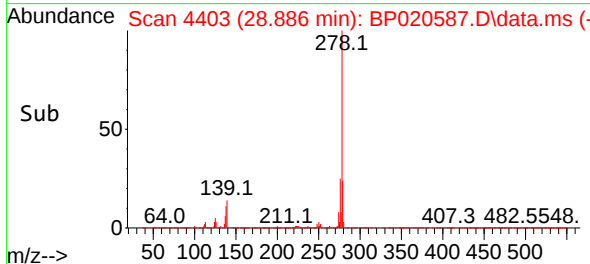
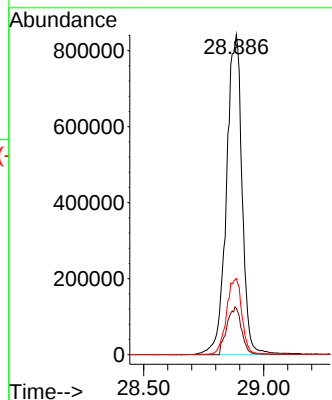
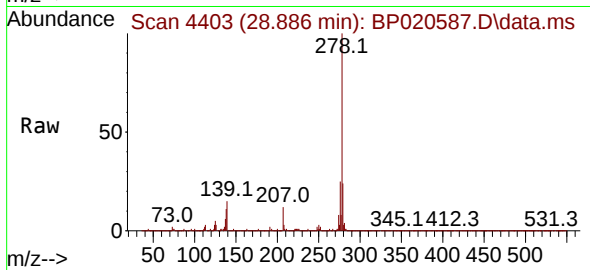
Tgt Ion:278 Resp: 3791774

Ion Ratio Lower Upper

278 100

139 14.5 13.0 19.4

279 23.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 58.757 ng

RT: 29.980 min Scan# 4589

Delta R.T. -0.023 min

Lab File: BP020587.D

Acq: 11 Jun 2024 14:12

Tgt Ion:276 Resp: 3648569

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 20.0 17.7 26.5

