

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
 Data File : BP020505.D
 Acq On : 04 Jun 2024 21:10
 Operator : MA/JU
 Sample : P2687-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-223MS

Quant Time: Jun 05 01:25:16 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	7.763	152	282236	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1146080	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	731831	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1544995	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1322205	20.000	ng	-0.02
86) Perylene-d12	24.986	264	1552492	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1329336	84.331	ng	0.00
7) Phenol-d6	6.928	99	1795883	80.785	ng	0.00
23) Nitrobenzene-d5	8.904	82	1077412	51.460	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	705742	92.922	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	2586145	52.679	ng	0.00
79) Terphenyl-d14	19.922	244	4020955	50.626	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	248395	38.999	ng	98
3) Pyridine	3.717	79	660669	36.892	ng	95
4) n-Nitrosodimethylamine	3.634	42	358237	41.185	ng	94
6) Aniline	7.099	93	718622	31.902	ng	98
8) 2-Chlorophenol	7.328	128	859317	48.630	ng	100
9) Benzaldehyde	6.916	77	102279	7.173	ng	98
10) Phenol	6.952	94	1092862	47.994	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	806634	42.954	ng	100
12) 1,3-Dichlorobenzene	7.652	146	906125	43.523	ng	98
13) 1,4-Dichlorobenzene	7.799	146	927163	43.816	ng	99
14) 1,2-Dichlorobenzene	8.105	146	883804	43.278	ng	99
15) Benzyl Alcohol	7.993	79	760896	46.338	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1145838	40.870	ng	100
17) 2-Methylphenol	8.193	107	713831	46.195	ng	98
18) Hexachloroethane	8.828	117	331970	42.964	ng	95
19) n-Nitroso-di-n-propyla...	8.563	70	618405	40.749	ng	98
20) 3+4-Methylphenols	8.516	107	966827	46.001	ng	99
22) Acetophenone	8.575	105	1243560	43.713	ng	99
24) Nitrobenzene	8.952	77	900769	42.392	ng	99
25) Isophorone	9.469	82	1715443	42.170	ng	99
26) 2-Nitrophenol	9.646	139	388970	46.412	ng	100
27) 2,4-Dimethylphenol	9.704	122	611151	49.730	ng	98
28) bis(2-Chloroethoxy)met...	9.951	93	1068994	42.755	ng	100
29) 2,4-Dichlorophenol	10.175	162	821556	49.829	ng	98
30) 1,2,4-Trichlorobenzene	10.387	180	855139	43.689	ng	98
31) Naphthalene	10.581	128	2530234	43.186	ng	100
32) Benzoic acid	9.840	122	545437	46.900	ng	99
33) 4-Chloroaniline	10.681	127	496536	21.908	ng	99
34) Hexachlorobutadiene	10.857	225	525646	42.633	ng	98
35) Caprolactam	11.463	113	170736	28.258	ng	94
36) 4-Chloro-3-methylphenol	11.804	107	883931	45.790	ng	97
37) 2-Methylnaphthalene	12.187	142	1782578	42.460	ng	99
38) 1-Methylnaphthalene	12.410	142	1670117	40.130	ng	100
40) 1,2,4,5-Tetrachloroben...	12.557	216	990369	46.772	ng	99
41) Hexachlorocyclopentadiene	12.534	237	914784	122.928	ng	99
43) 2,4,6-Trichlorophenol	12.798	196	652788	51.002	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
 Data File : BP020505.D
 Acq On : 04 Jun 2024 21:10
 Operator : MA/JU
 Sample : P2687-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

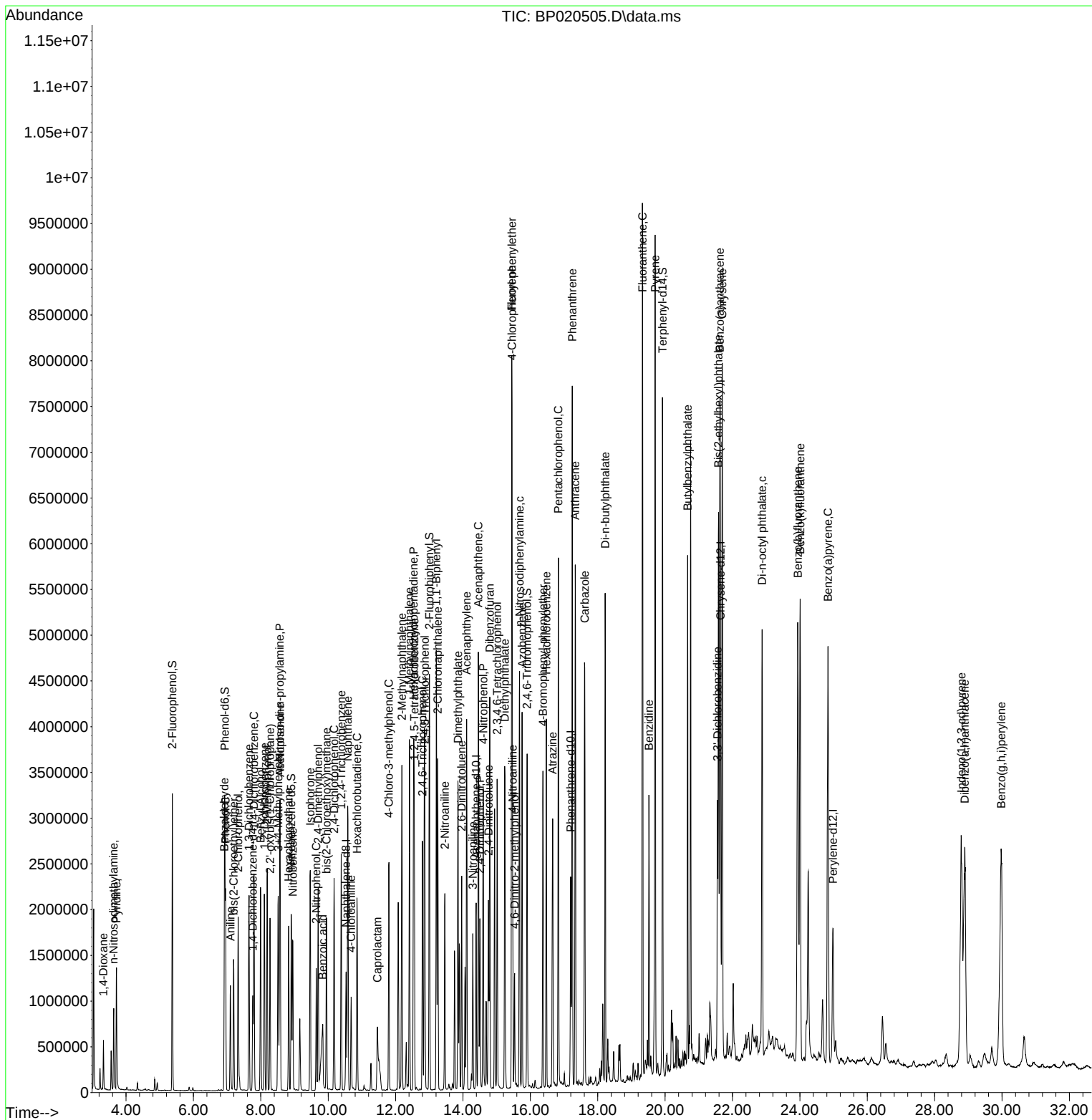
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-223MS

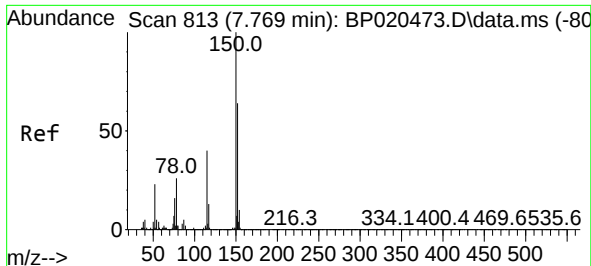
Quant Time: Jun 05 01:25:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	707491	47.913	ng	98
46) 1,1'-Biphenyl	13.210	154	2300759	44.547	ng	98
47) 2-Chloronaphthalene	13.251	162	1805492	43.974	ng	99
48) 2-Nitroaniline	13.463	65	544429	48.935	ng	99
49) Acenaphthylene	14.110	152	2979082	48.898	ng	100
50) Dimethylphthalate	13.857	163	2254171	43.697	ng	99
51) 2,6-Dinitrotoluene	13.963	165	492384	44.655	ng	97
52) Acenaphthene	14.457	154	1732469	45.081	ng	100
53) 3-Nitroaniline	14.292	138	393020	35.535	ng	98
54) 2,4-Dinitrophenol	14.504	184	391463	79.223	ng	97
55) Dibenzofuran	14.798	168	2767486	45.460	ng	98
56) 4-Nitrophenol	14.604	139	897002	104.844	ng	96
57) 2,4-Dinitrotoluene	14.757	165	685753	47.324	ng	96
58) Fluorene	15.451	166	2228656	45.602	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	617194	51.075	ng	99
60) Diethylphthalate	15.239	149	2311946	44.088	ng	98
61) 4-Chlorophenyl-phenyle...	15.457	204	1098385	43.553	ng	99
62) 4-Nitroaniline	15.475	138	522994	45.904	ng	99
63) Azobenzene	15.757	77	2115703	43.208	ng	96
65) 4,6-Dinitro-2-methylph...	15.534	198	289930	43.232	ng	97
66) n-Nitrosodiphenylamine	15.681	169	1903227	44.806	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	717166	45.372	ng	100
68) Hexachlorobenzene	16.475	284	813397	43.725	ng	98
69) Atrazine	16.663	200	726009	48.582	ng	99
70) Pentachlorophenol	16.833	266	1035803	91.679	ng	99
71) Phenanthrene	17.245	178	4558454	60.021	ng	100
72) Anthracene	17.333	178	3628648	48.691	ng	100
73) Carbazole	17.616	167	3385392	46.963	ng	99
74) Di-n-butylphthalate	18.222	149	3964425	45.413	ng	100
75) Fluoranthene	19.327	202	6433005	71.598	ng	100
77) Benzidine	19.522	184	1563238	35.089	ng	99
78) Pyrene	19.704	202	6193770	62.278	ng	100
80) Butylbenzylphthalate	20.669	149	1705940	42.867	ng	92
81) Benzo(a)anthracene	21.627	228	4998210	57.411	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	1003501	38.775	ng	99
83) Chrysene	21.698	228	4825494	58.823	ng	100
84) Bis(2-ethylhexyl)phtha...	21.586	149	2577660	45.541	ng	99
85) Di-n-octyl phthalate	22.880	149	4459807	54.211	ng	98
87) Indeno(1,2,3-cd)pyrene	28.792	276	4910758	52.017	ng	# 92
88) Benzo(b)fluoranthene	23.939	252	5409797	55.934	ng	99
89) Benzo(k)fluoranthene	24.010	252	4658791	49.388	ng	99
90) Benzo(a)pyrene	24.833	252	4762728	59.460	ng	100
91) Dibenzo(a,h)anthracene	28.898	278	4076939	51.775	ng	98
92) Benzo(g,h,i)perylene	29.980	276	4445708	56.484	ng	98

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

Quant Time: Jun 05 01:25:16 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

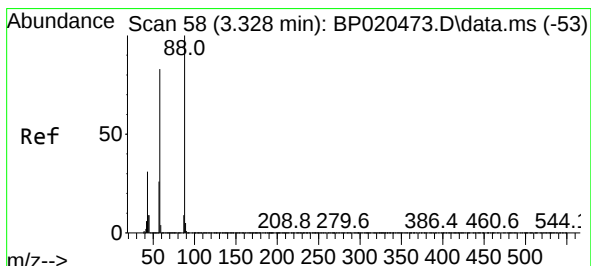
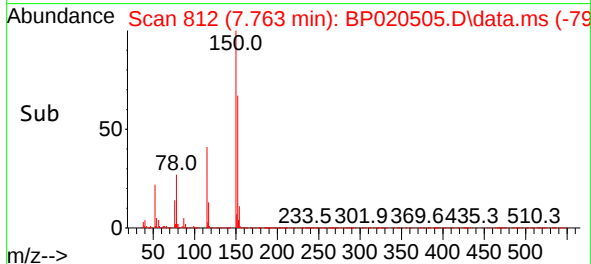
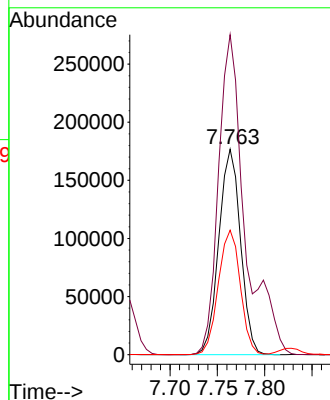
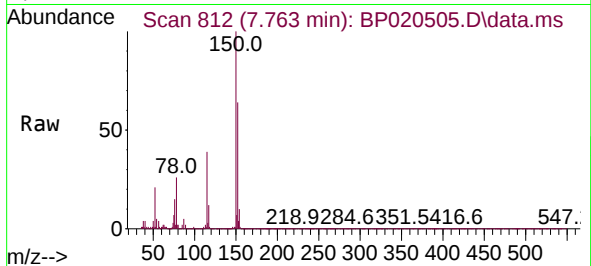




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

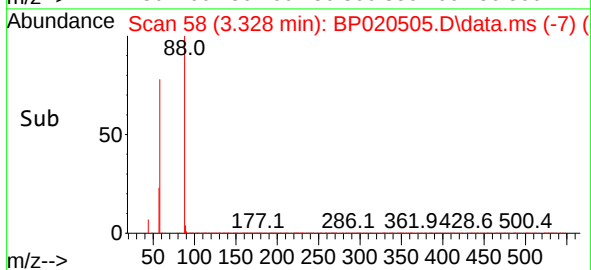
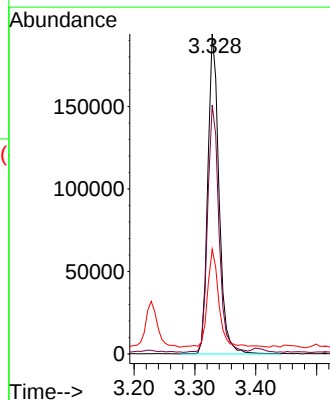
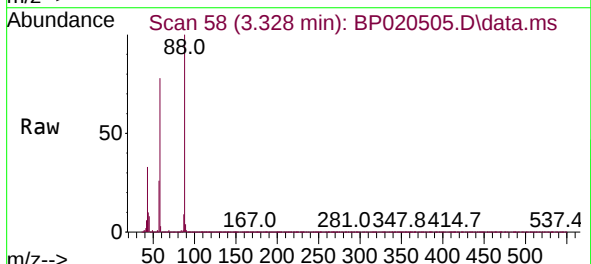
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

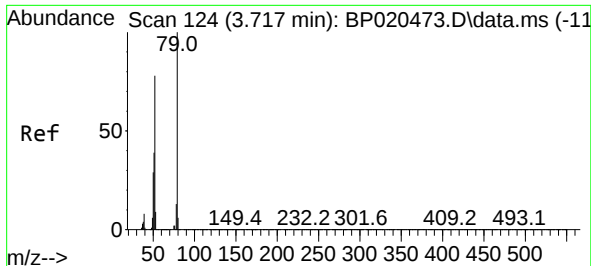
Tgt Ion:152 Resp: 282236
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 60.6 49.5 74.3



#2
1,4-Dioxane
Concen: 38.999 ng
RT: 3.328 min Scan# 58
Delta R.T. -0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion: 88 Resp: 248395
Ion Ratio Lower Upper
88 100
58 78.5 64.6 97.0
43 31.0 24.5 36.7

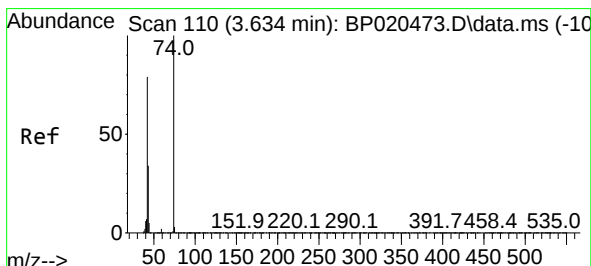
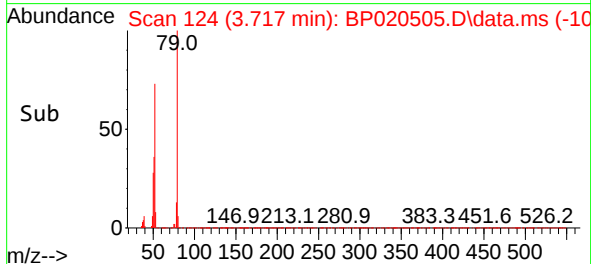
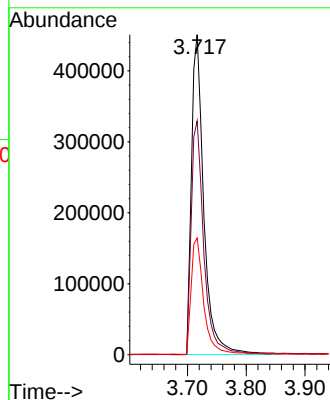
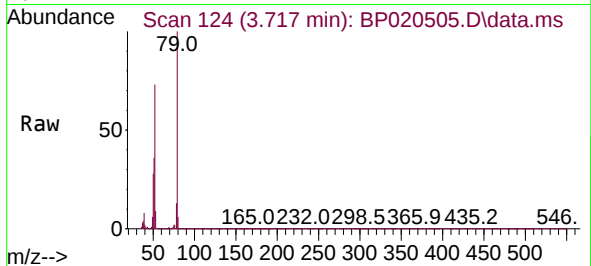




#3
Pyridine
Concen: 36.892 ng
RT: 3.717 min Scan# 110
Delta R.T. -0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

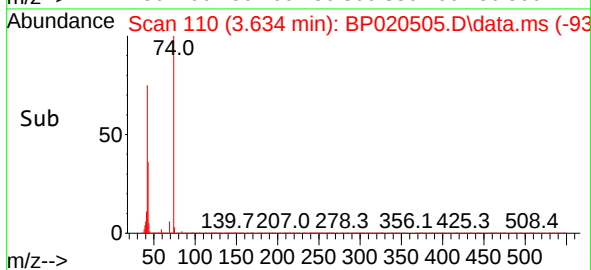
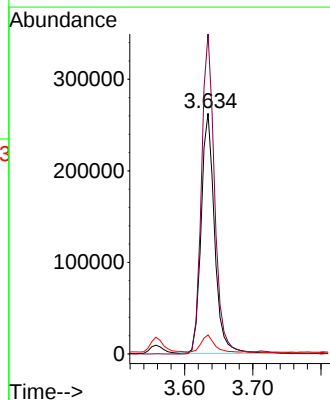
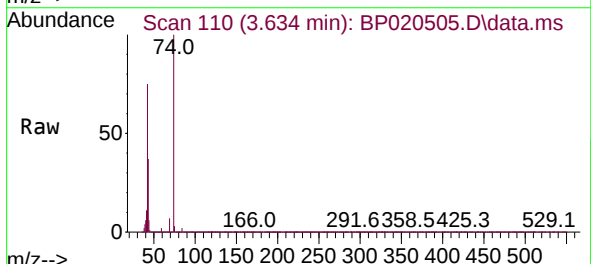
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

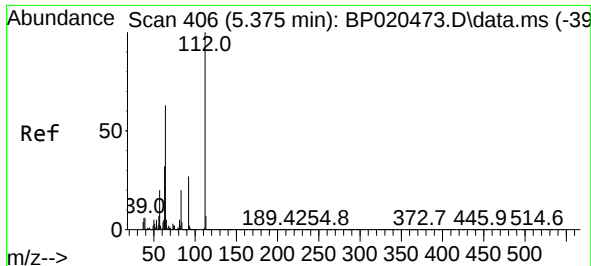
Tgt Ion: 79 Resp: 660669
Ion Ratio Lower Upper
79 100
52 73.0 62.6 94.0
51 36.5 31.0 46.4



#4
n-Nitrosodimethylamine
Concen: 41.185 ng
RT: 3.634 min Scan# 110
Delta R.T. -0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion: 42 Resp: 358237
Ion Ratio Lower Upper
42 100
74 133.0 100.6 151.0
44 7.9 5.8 8.8

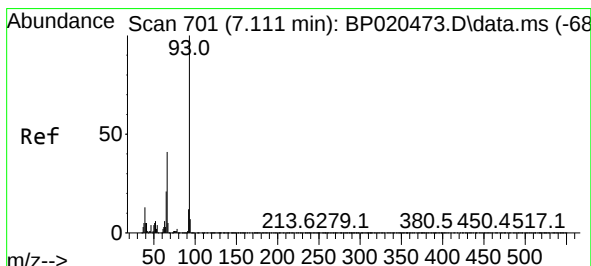
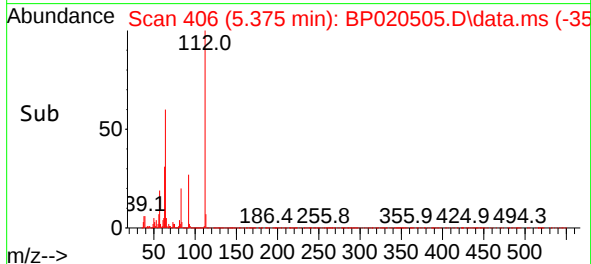
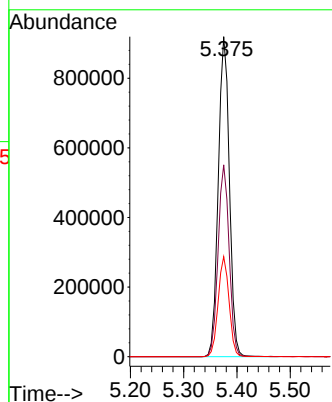
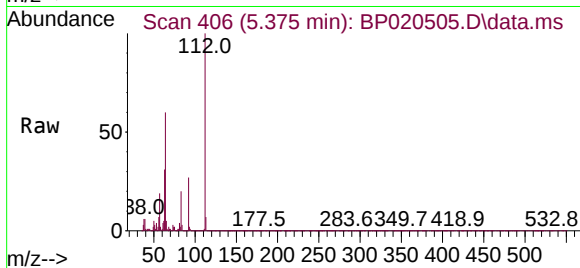




#5
2-Fluorophenol
Concen: 84.331 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

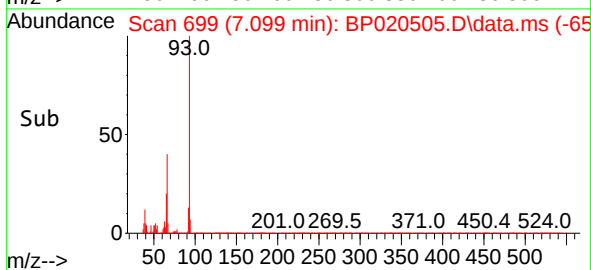
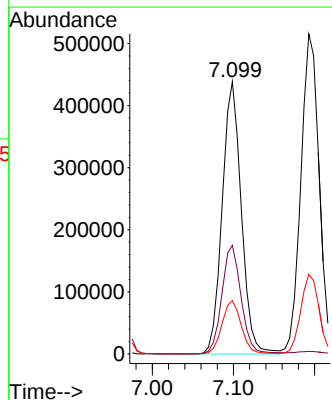
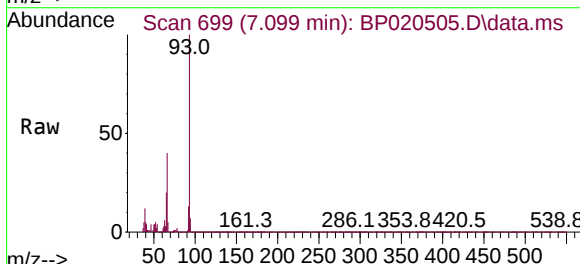
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

Tgt Ion:112 Resp: 1329336
Ion Ratio Lower Upper
112 100
64 60.0 50.1 75.1
63 31.2 25.7 38.5



#6
Aniline
Concen: 31.902 ng
RT: 7.099 min Scan# 699
Delta R.T. -0.012 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion: 93 Resp: 718622
Ion Ratio Lower Upper
93 100
66 39.9 32.8 49.2
65 19.5 16.9 25.3

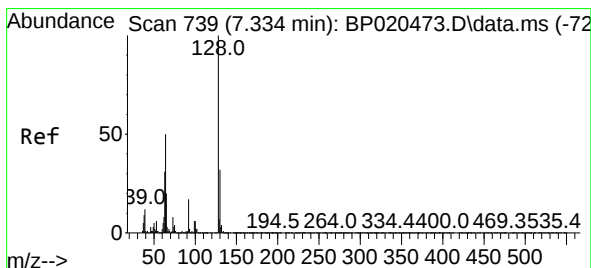
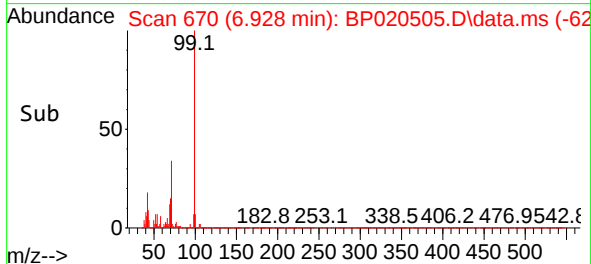
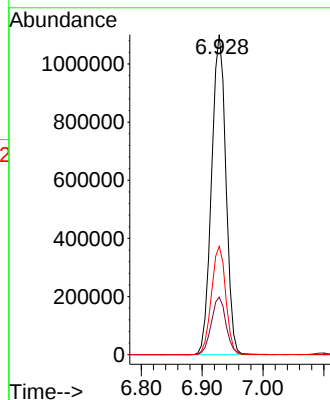
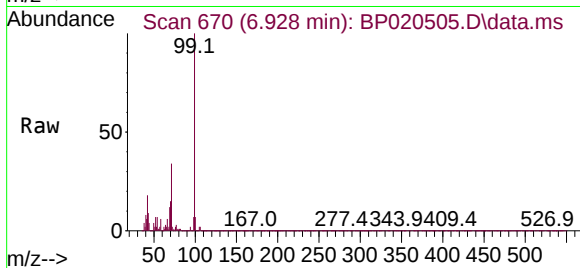




#7
Phenol-d6
Concen: 80.785 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

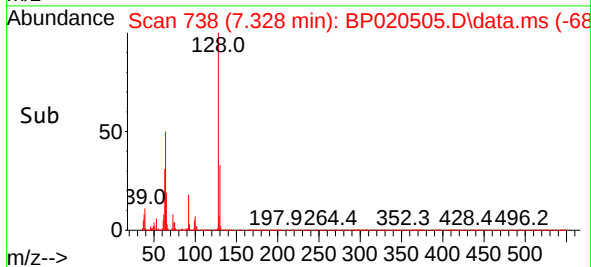
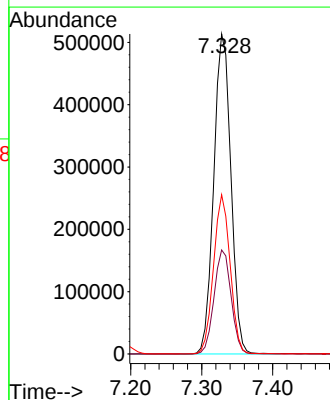
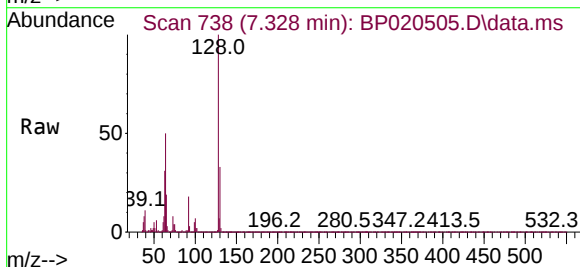
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

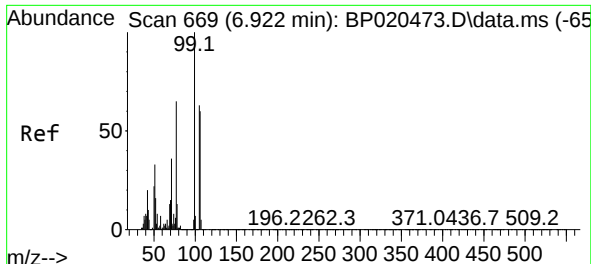
Tgt Ion: 99 Resp: 1795883
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.4
71 33.8 27.3 40.9



#8
2-Chlorophenol
Concen: 48.630 ng
RT: 7.328 min Scan# 738
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:128 Resp: 859317
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 49.8 29.6 69.6

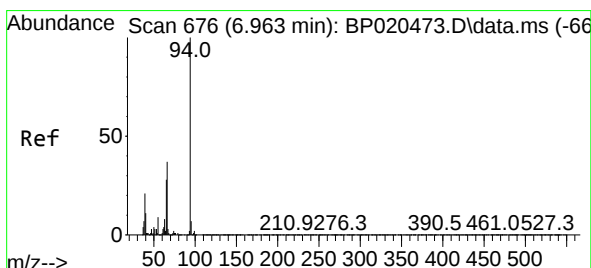
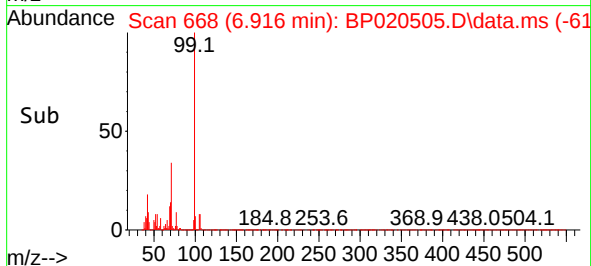
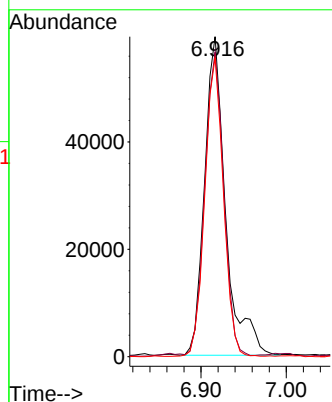
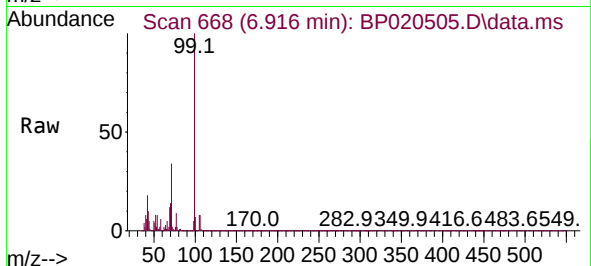




#9
Benzaldehyde
Concen: 7.173 ng
RT: 6.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

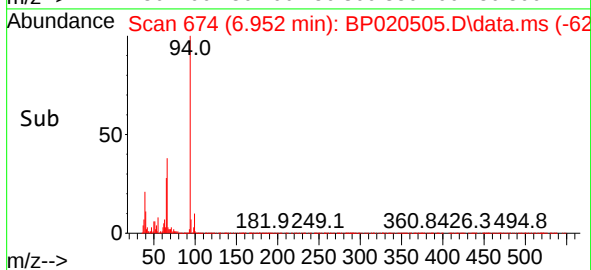
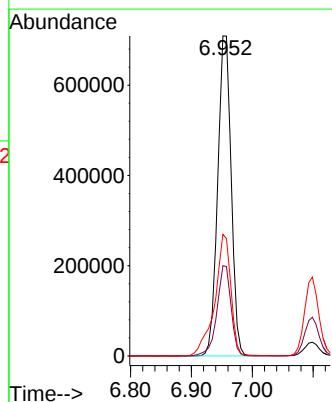
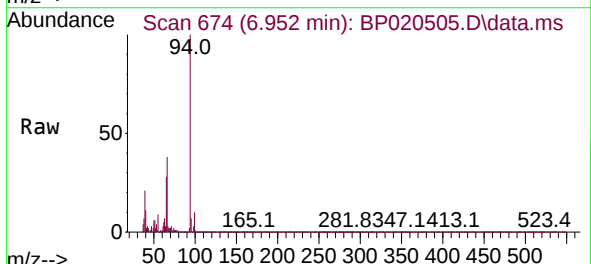
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

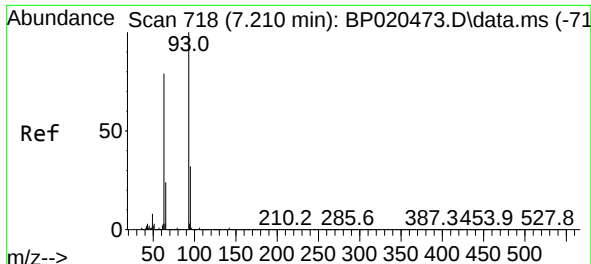
Tgt Ion: 77 Resp: 102279
Ion Ratio Lower Upper
77 100
105 95.1 76.8 116.8
106 93.4 72.0 112.0



#10
Phenol
Concen: 47.994 ng
RT: 6.952 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion: 94 Resp: 1092862
Ion Ratio Lower Upper
94 100
65 28.2 8.2 48.2
66 38.0 17.2 57.2

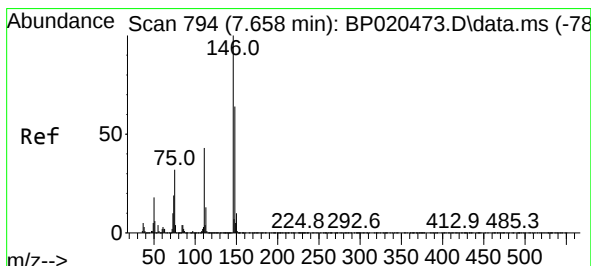
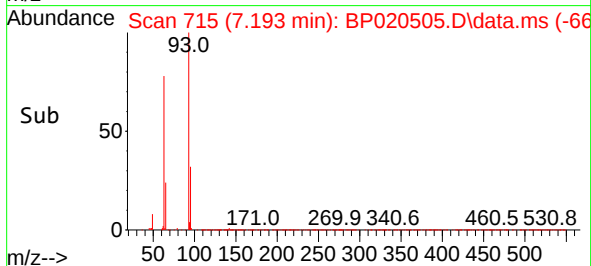
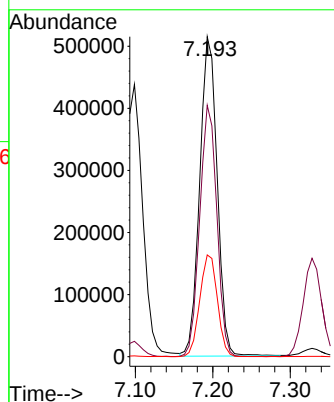
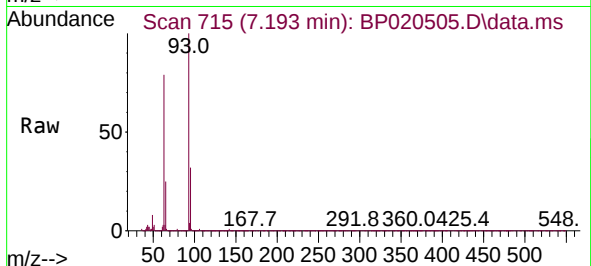




#11
bis(2-Chloroethyl)ether
Concen: 42.954 ng
RT: 7.193 min Scan# 715
Delta R.T. -0.018 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

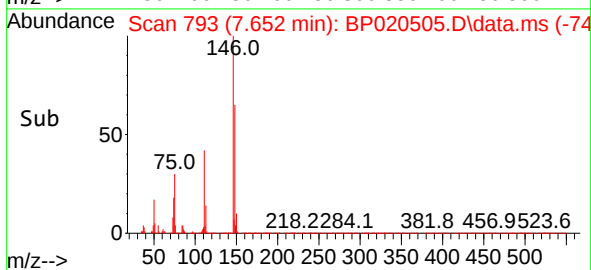
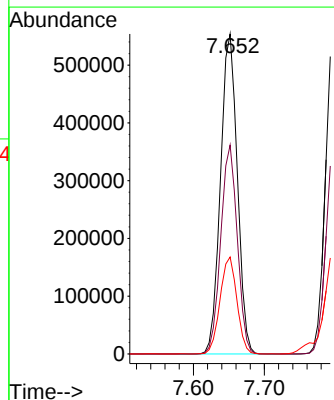
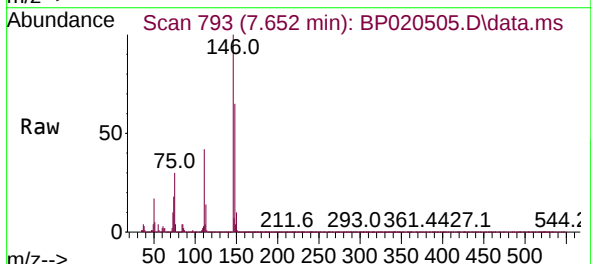
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

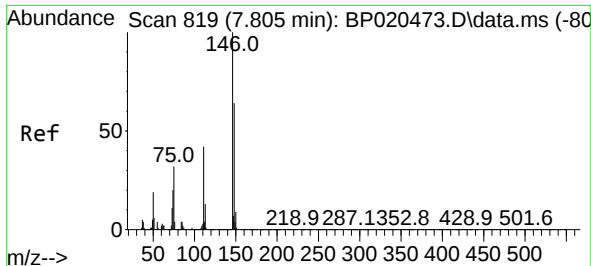
Tgt Ion: 93 Resp: 806634
Ion Ratio Lower Upper
93 100
63 78.6 58.3 98.3
95 31.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.523 ng
RT: 7.652 min Scan# 793
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:146 Resp: 906125
Ion Ratio Lower Upper
146 100
148 65.3 51.2 76.8
75 30.3 25.3 37.9

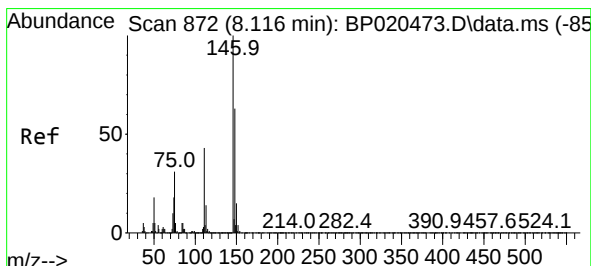
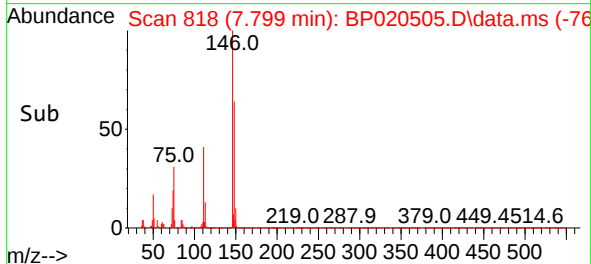
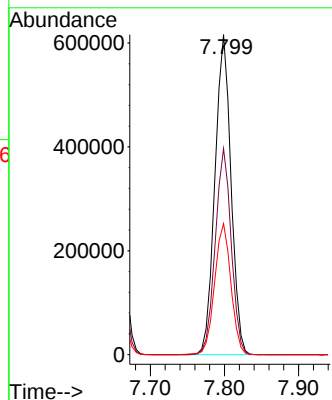
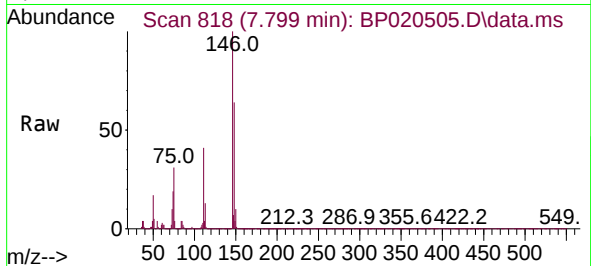




#13
1,4-Dichlorobenzene
Concen: 43.816 ng
RT: 7.799 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

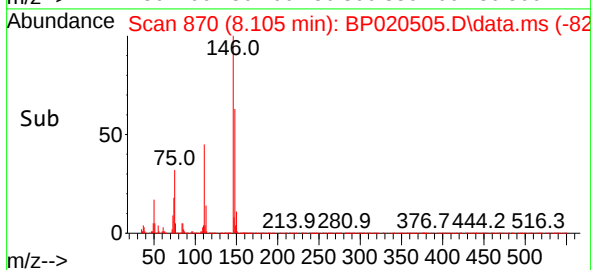
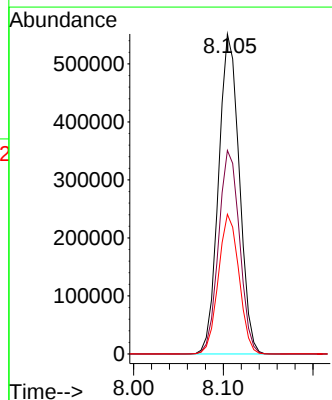
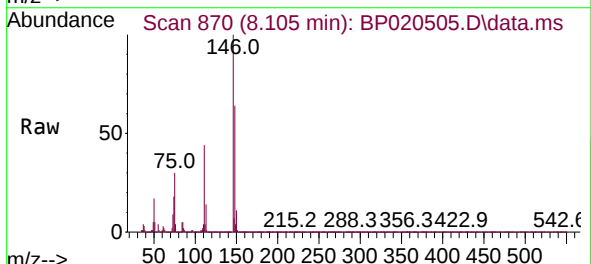
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

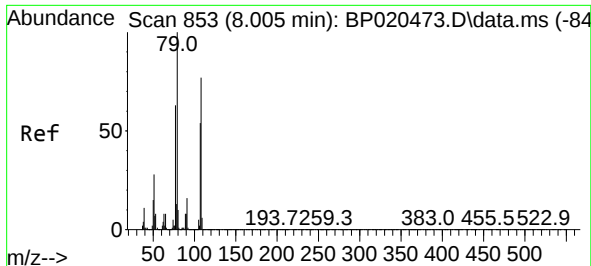
Tgt Ion:146 Resp: 927163
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 41.0 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 43.278 ng
RT: 8.105 min Scan# 870
Delta R.T. -0.012 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:146 Resp: 883804
Ion Ratio Lower Upper
146 100
148 63.6 50.1 75.1
111 43.7 34.4 51.6

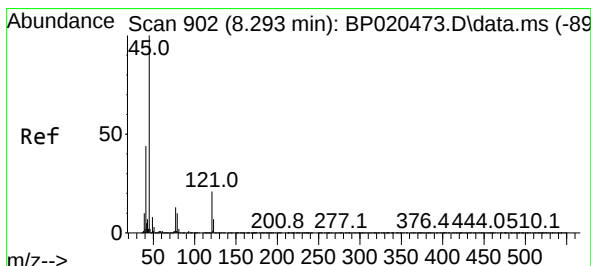
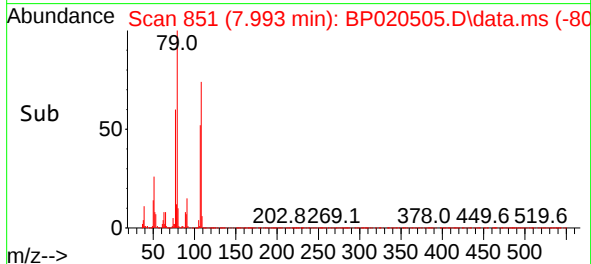
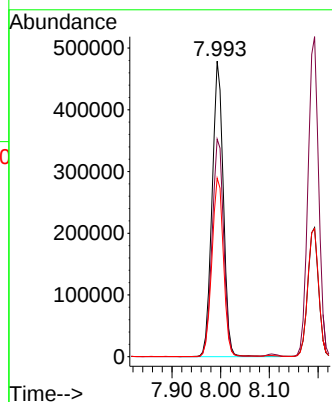
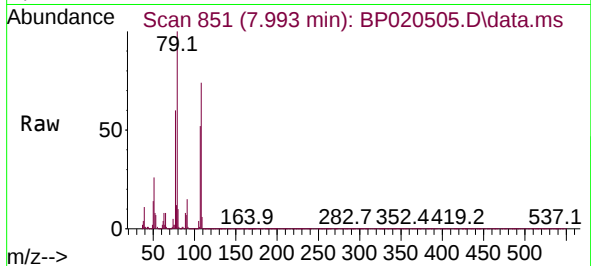




#15
Benzyl Alcohol
Concen: 46.338 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

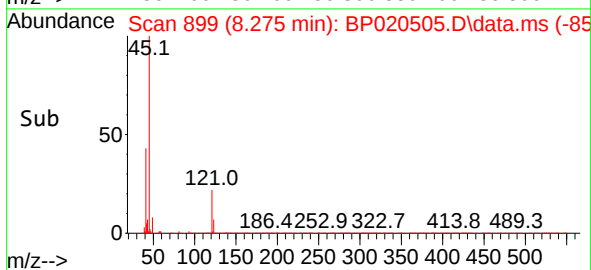
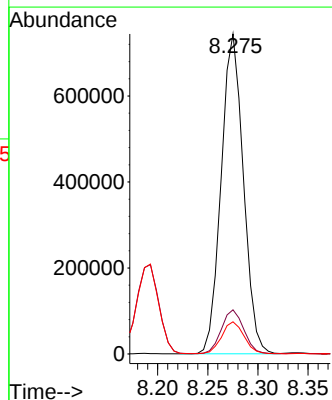
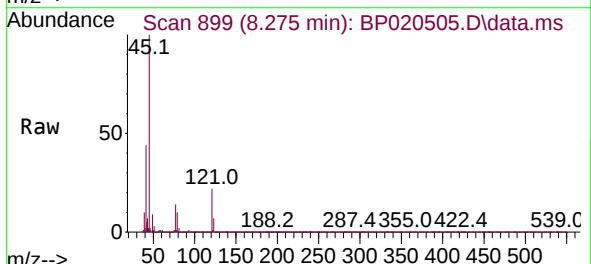
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

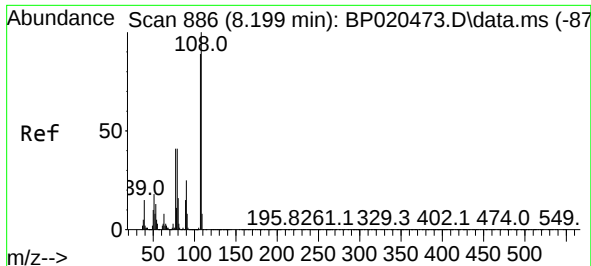
Tgt Ion: 79 Resp: 760896
Ion Ratio Lower Upper
79 100
108 73.6 61.4 92.2
77 60.4 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.870 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.018 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion: 45 Resp: 1145838
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.6
79 10.0 0.0 29.9

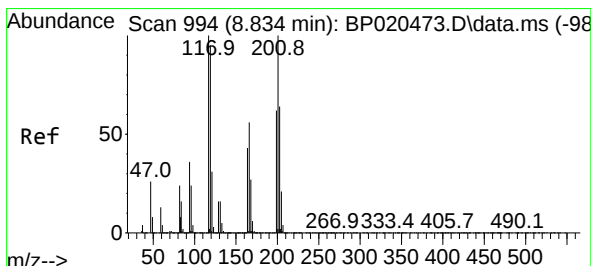
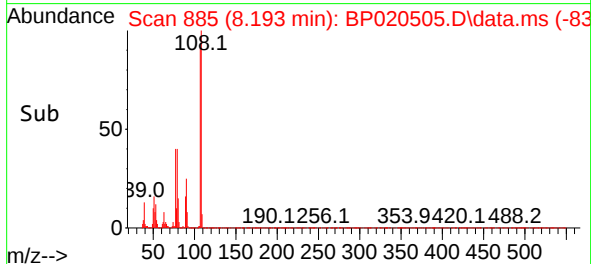
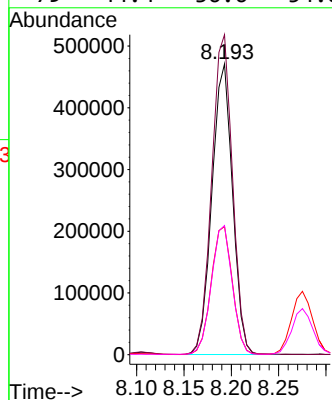
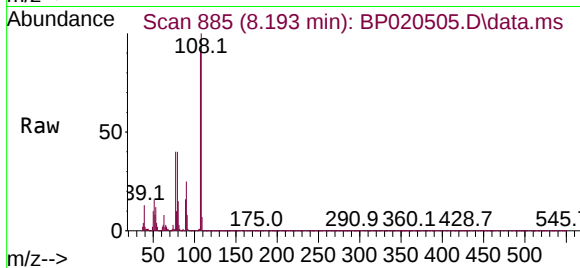




#17
2-Methylphenol
Concen: 46.195 ng
RT: 8.193 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

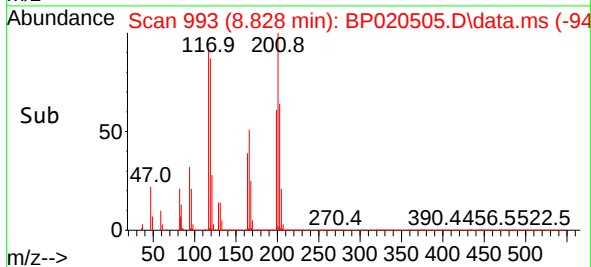
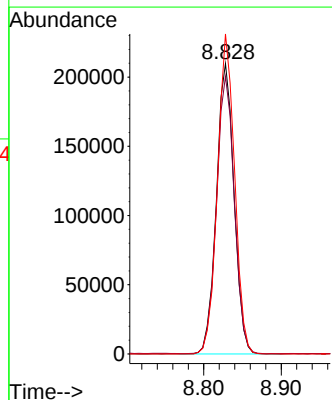
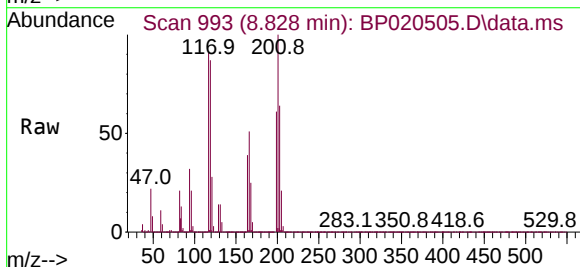
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

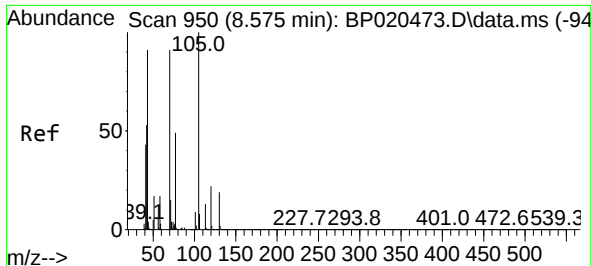
Tgt Ion:	107	Resp:	713831
Ion	Ratio	Lower	Upper
107	100		
108	110.1	89.4	134.2
77	44.1	36.6	55.0
79	44.4	36.6	54.8



#18
Hexachloroethane
Concen: 42.964 ng
RT: 8.828 min Scan# 993
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:	117	Resp:	331970
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.3	114.5
201	110.2	79.9	119.9



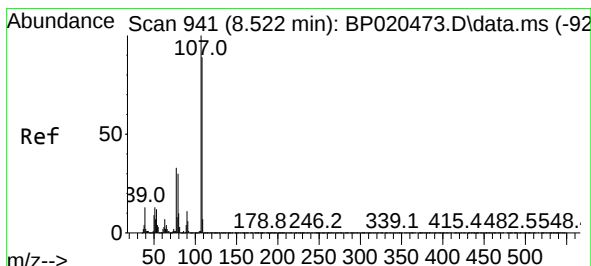
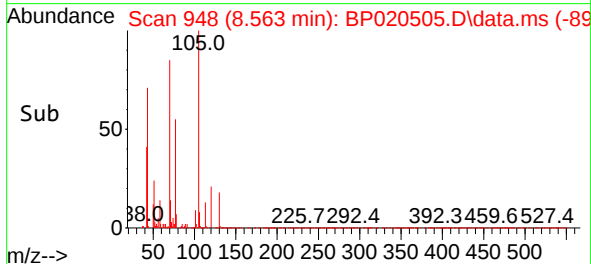
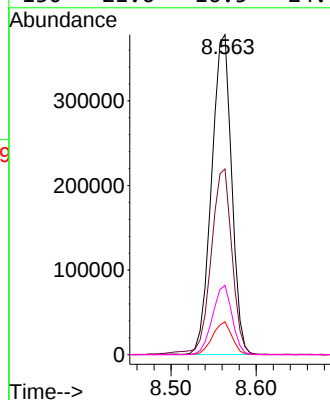
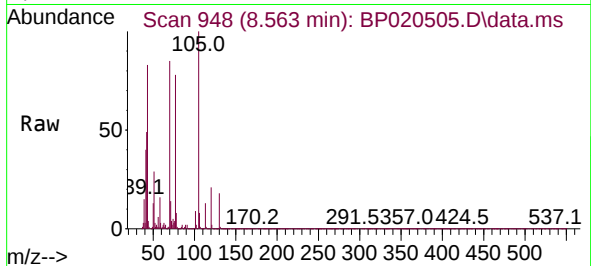


#19
n-Nitroso-di-n-propylamine
Concen: 40.749 ng
RT: 8.563 min Scan# 94
Delta R.T. -0.012 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

Tgt Ion: 70 Resp: 618405

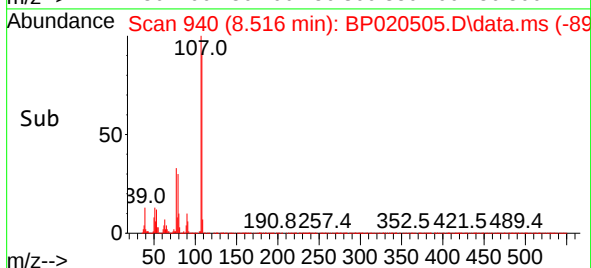
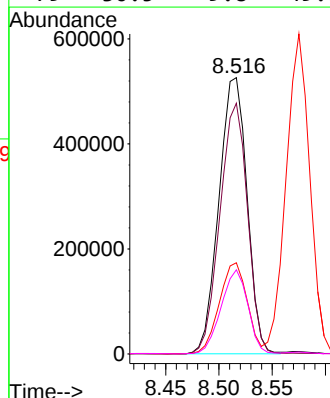
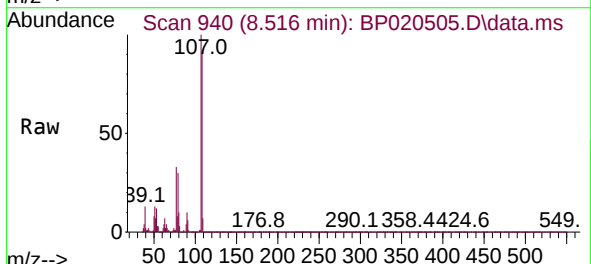
Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.4	71.0
101	10.3	7.8	11.8
130	21.6	16.5	24.7

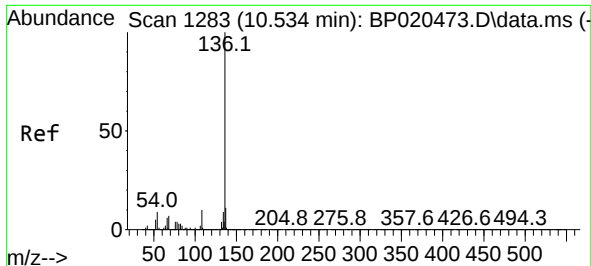


#20
3+4-Methylphenols
Concen: 46.001 ng
RT: 8.516 min Scan# 940
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion: 107 Resp: 966827

Ion	Ratio	Lower	Upper
107	100		
108	90.7	69.2	109.2
77	33.0	13.5	53.5
79	30.5	9.8	49.8

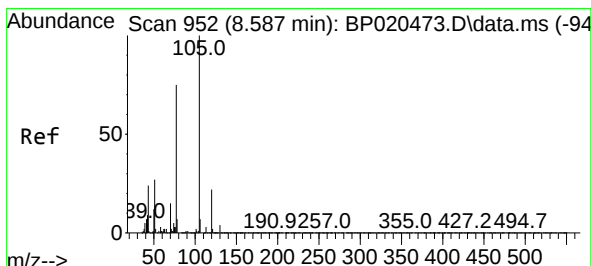
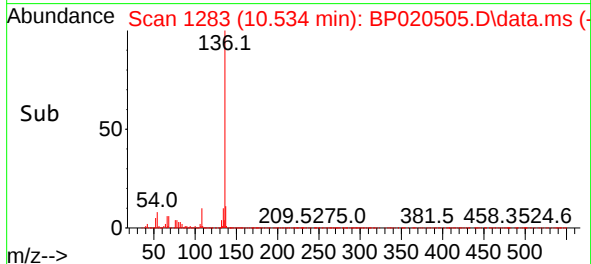
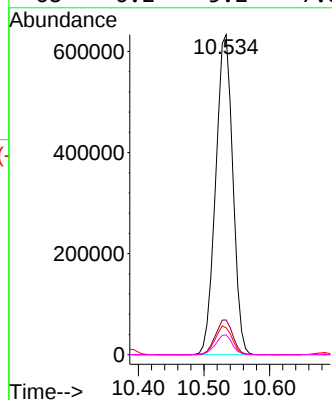
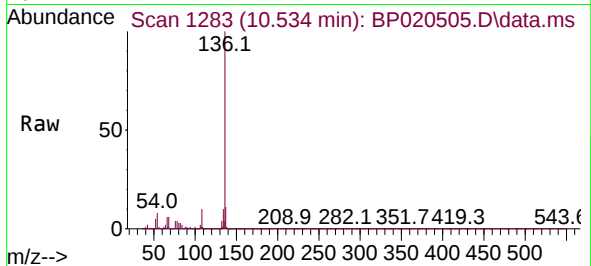




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

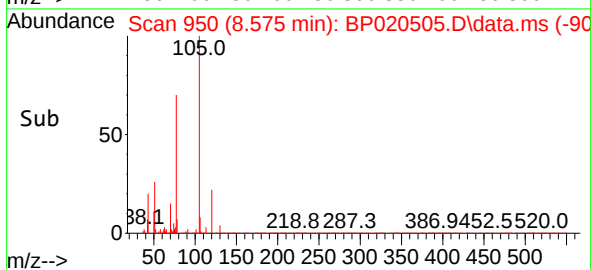
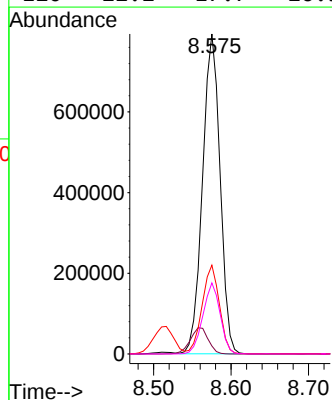
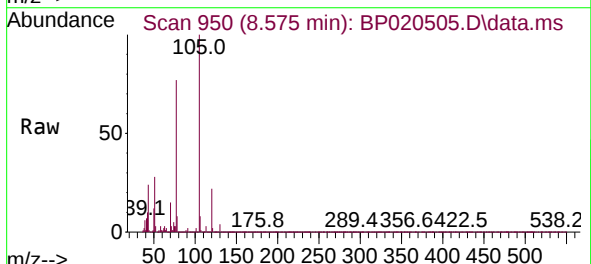
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

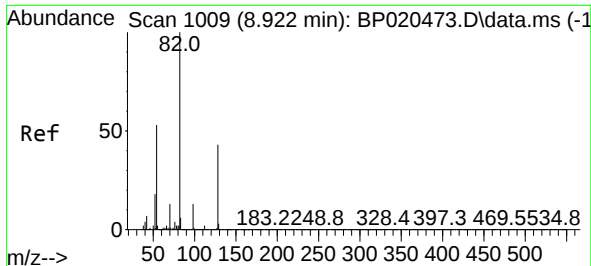
Tgt Ion:136 Resp: 1146080
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.4 7.4 11.0
68 6.2 5.2 7.8



#22
Acetophenone
Concen: 43.713 ng
RT: 8.575 min Scan# 950
Delta R.T. -0.012 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:105 Resp: 1243560
Ion Ratio Lower Upper
105 100
71 2.5 2.3 3.5
51 27.8 22.6 33.8
120 22.2 17.7 26.5

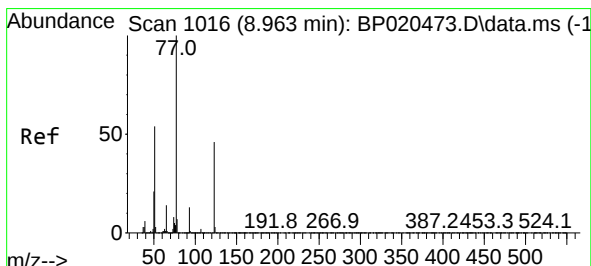
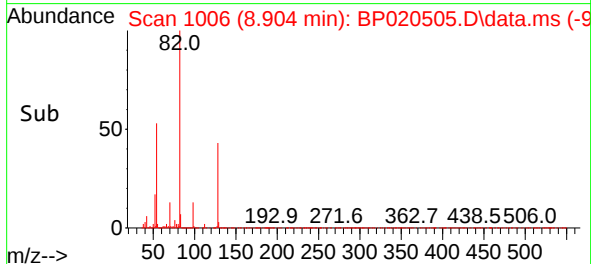
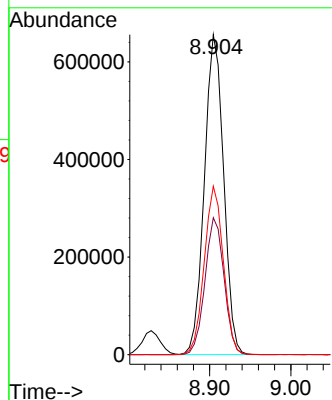
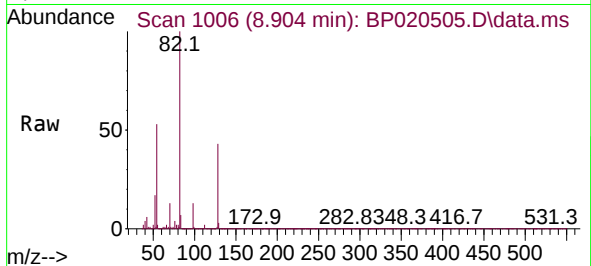




#23
Nitrobenzene-d5
Concen: 51.460 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

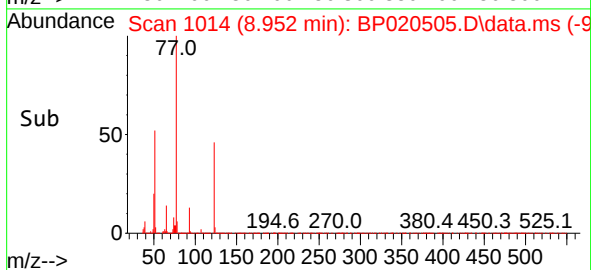
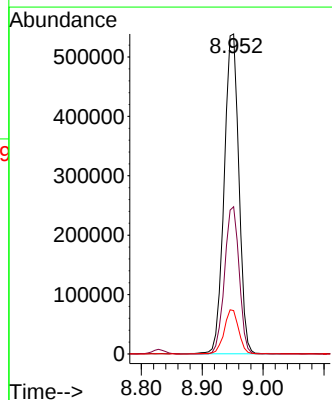
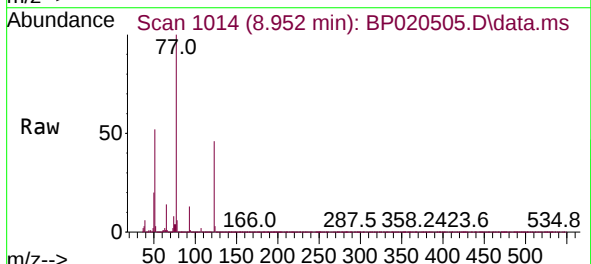
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

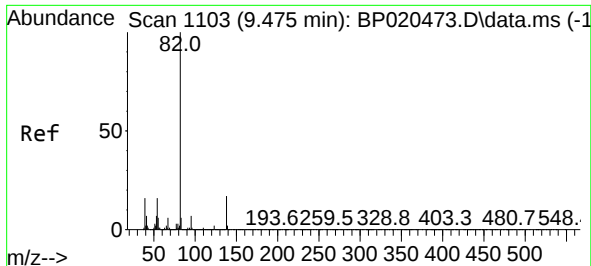
Tgt Ion: 82 Resp: 1077412
Ion Ratio Lower Upper
82 100
128 42.8 34.2 51.4
54 52.6 42.7 64.1



#24
Nitrobenzene
Concen: 42.392 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion: 77 Resp: 900769
Ion Ratio Lower Upper
77 100
123 46.0 36.6 54.8
65 13.5 11.1 16.7

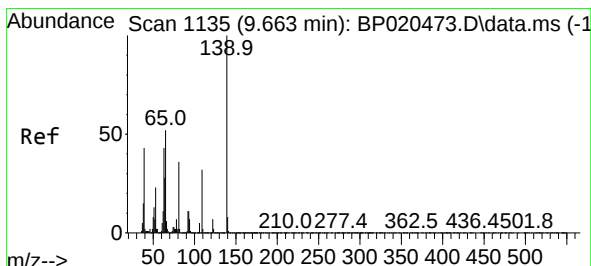
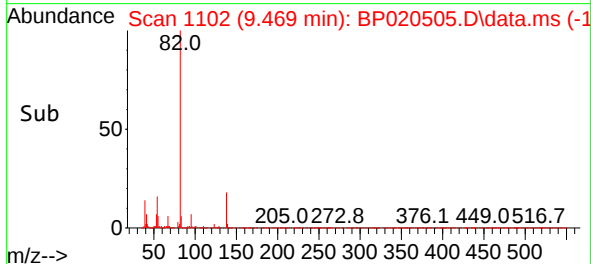
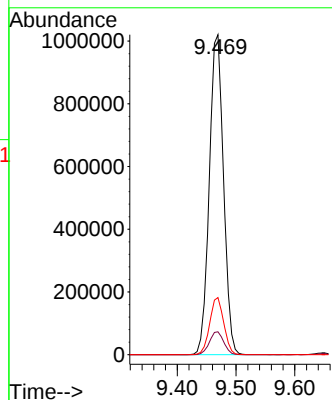
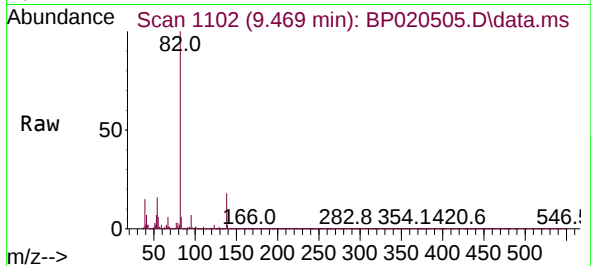




#25
Isophorone
Concen: 42.170 ng
RT: 9.469 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

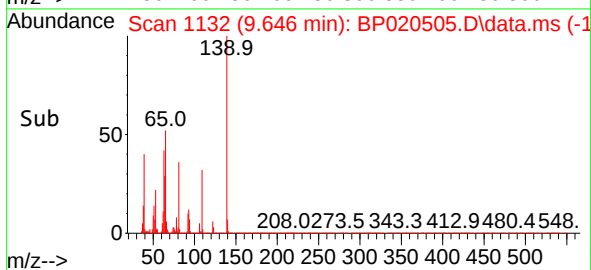
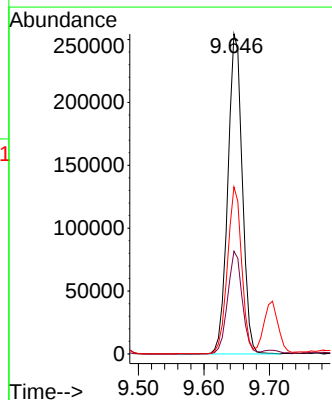
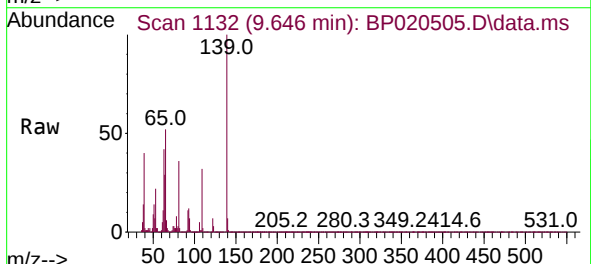
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

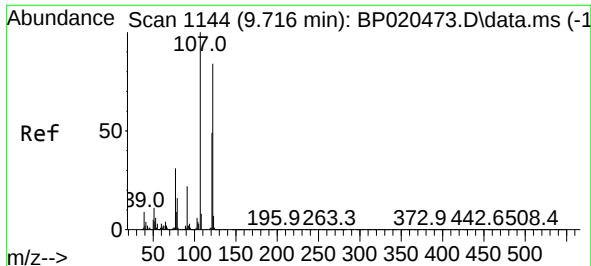
Tgt Ion: 82 Resp: 1715443
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 17.9 13.8 20.6



#26
2-Nitrophenol
Concen: 46.412 ng
RT: 9.646 min Scan# 1132
Delta R.T. -0.017 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion: 139 Resp: 388970
Ion Ratio Lower Upper
139 100
109 32.1 25.8 38.8
65 52.2 41.8 62.8





#27

2,4-Dimethylphenol

Concen: 49.730 ng

RT: 9.704 min Scan# 1144

Delta R.T. -0.012 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-223MS

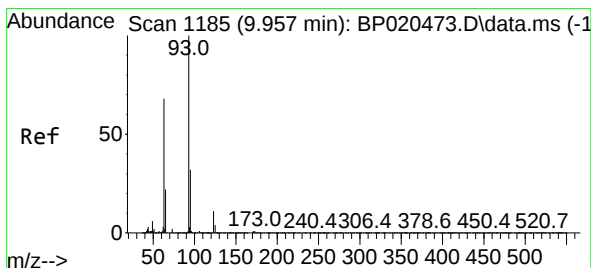
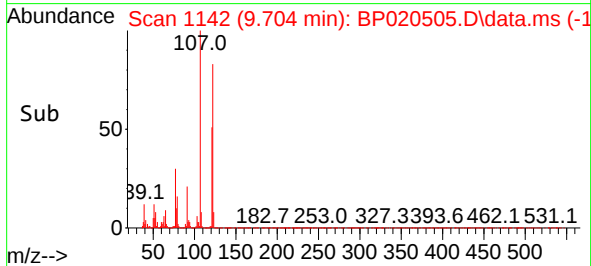
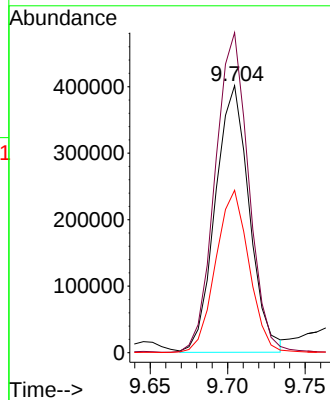
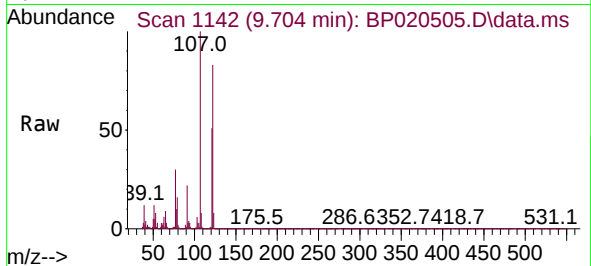
Tgt Ion:122 Resp: 611151

Ion Ratio Lower Upper

122 100

107 119.8 95.0 142.4

121 60.8 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.755 ng

RT: 9.951 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

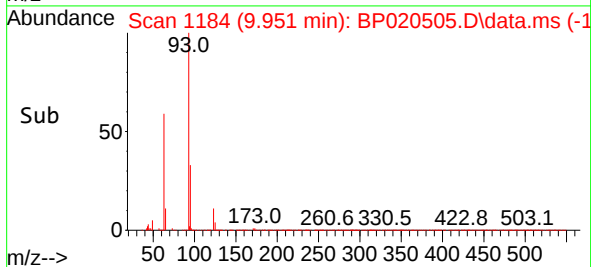
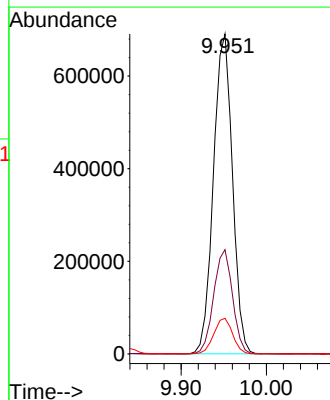
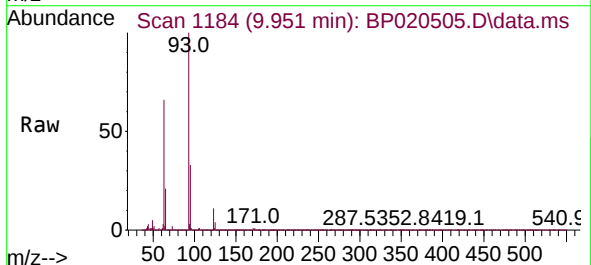
Tgt Ion: 93 Resp: 1068994

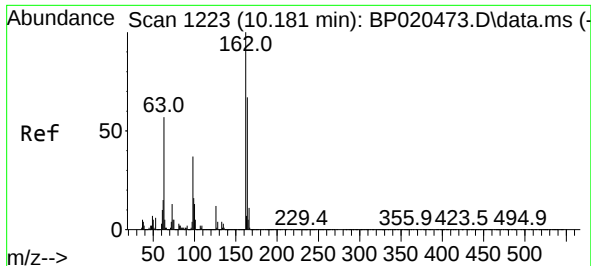
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 49.829 ng

RT: 10.175 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-223MS

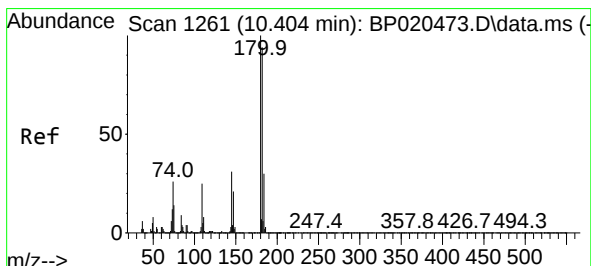
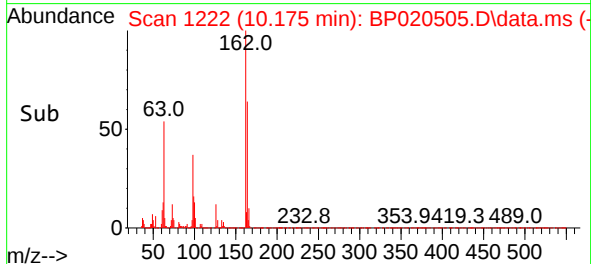
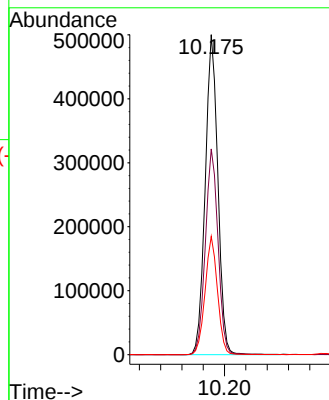
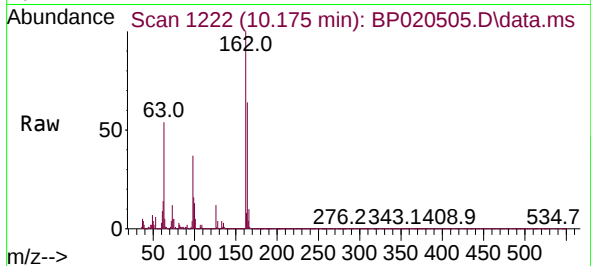
Tgt Ion:162 Resp: 821556

Ion Ratio Lower Upper

162 100

164 64.3 46.5 86.5

98 36.9 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 43.689 ng

RT: 10.387 min Scan# 1258

Delta R.T. -0.018 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

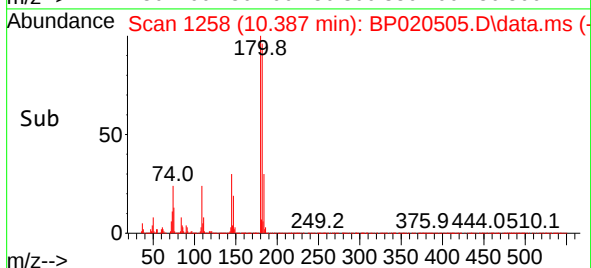
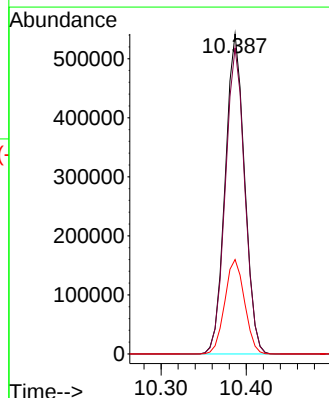
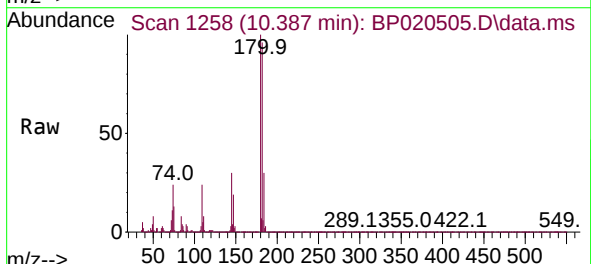
Tgt Ion:180 Resp: 855139

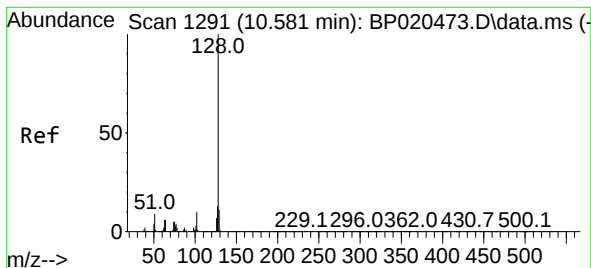
Ion Ratio Lower Upper

180 100

182 95.6 75.2 112.8

145 29.5 24.9 37.3

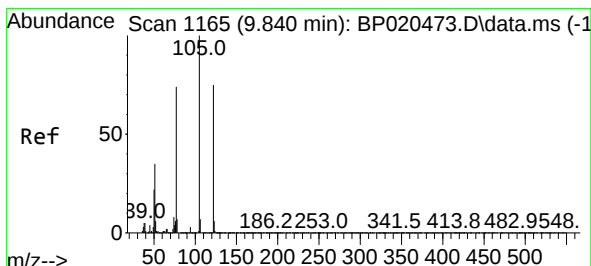
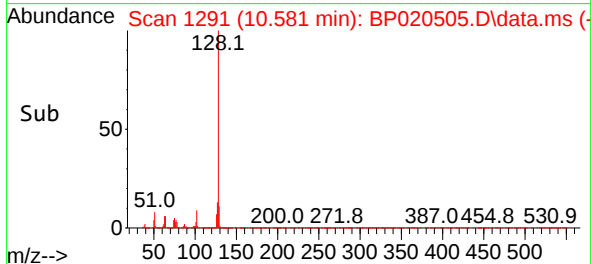
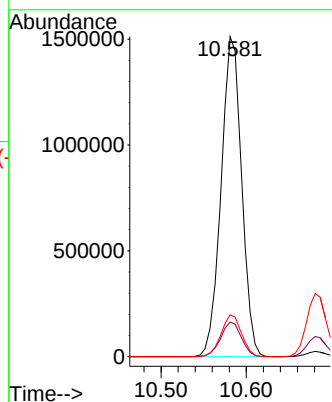
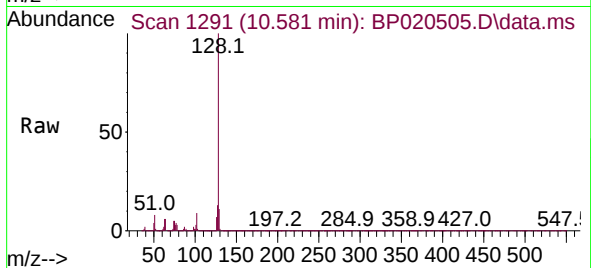




#31
Naphthalene
Concen: 43.186 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

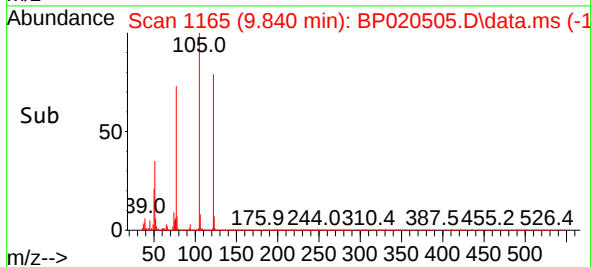
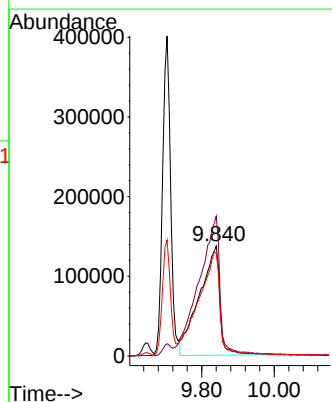
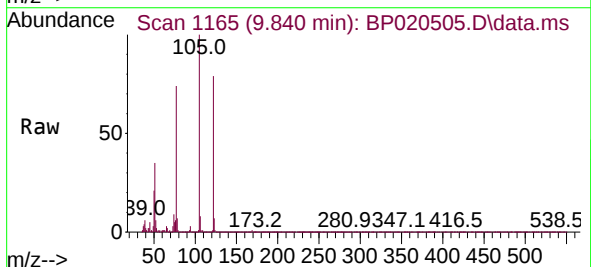
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

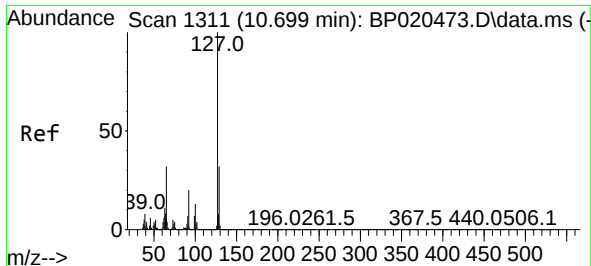
Tgt Ion:128 Resp: 2530234
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 46.900 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:122 Resp: 545437
Ion Ratio Lower Upper
122 100
105 127.2 107.5 147.5
77 93.6 76.1 116.1

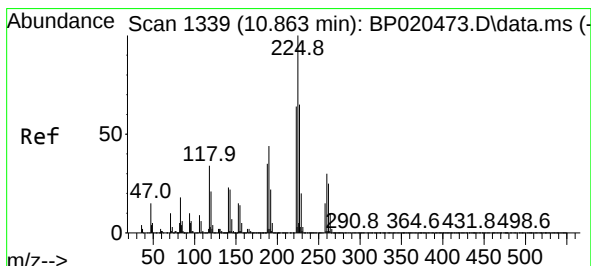
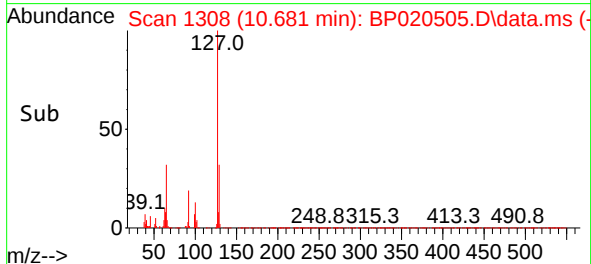
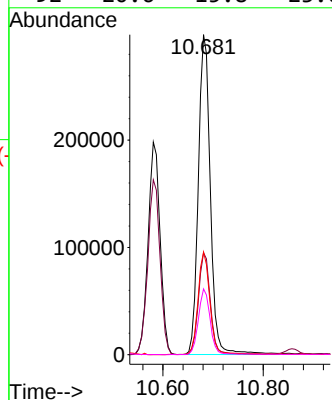
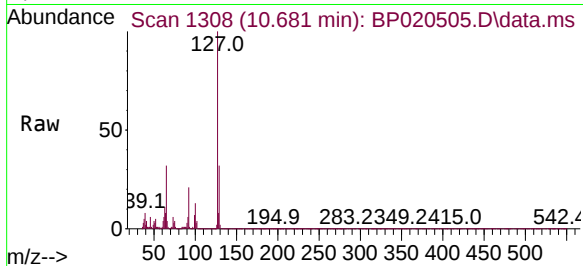




#33
4-Chloroaniline
Concen: 21.908 ng
RT: 10.681 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

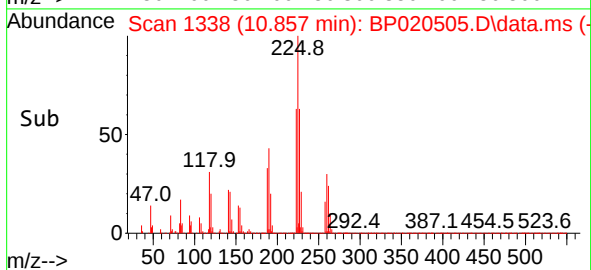
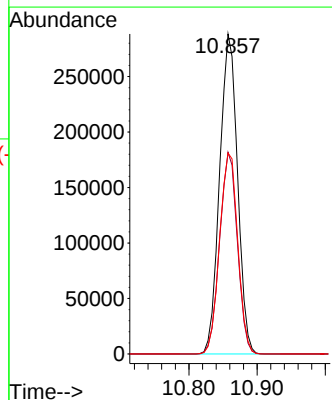
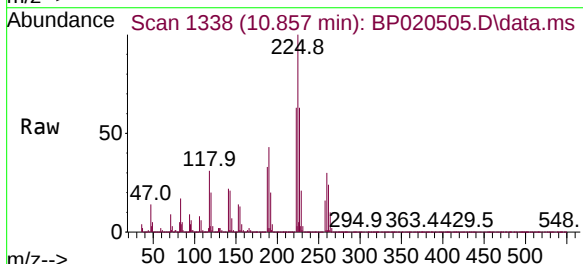
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

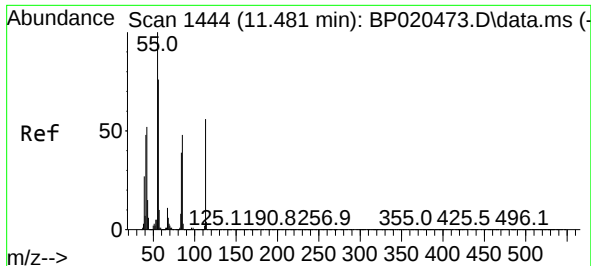
Tgt Ion:	127	Resp:	496536
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.0	39.0
65	32.1	25.4	38.2
92	20.6	15.8	23.6



#34
Hexachlorobutadiene
Concen: 42.633 ng
RT: 10.857 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:	225	Resp:	525646
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.3	76.9
227	62.8	51.6	77.4

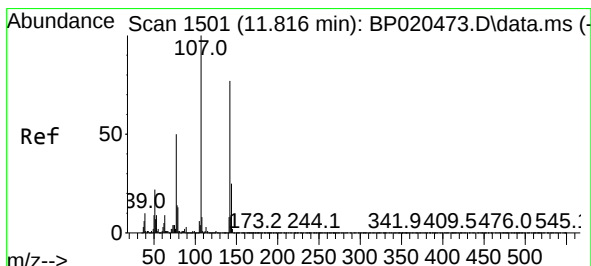
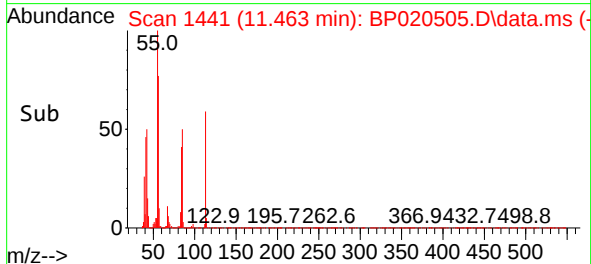
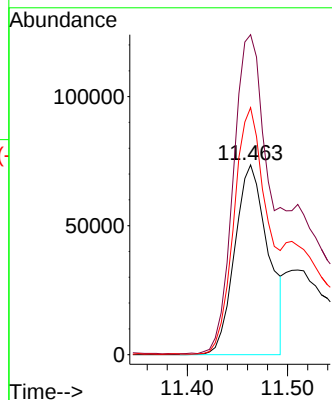
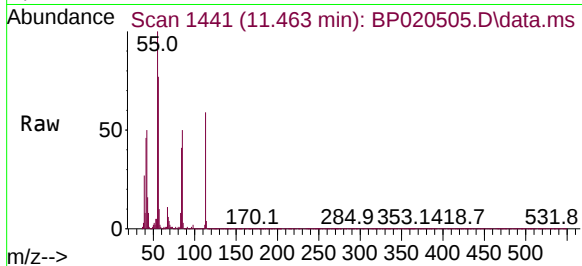




#35
Caprolactam
Concen: 28.258 ng
RT: 11.463 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

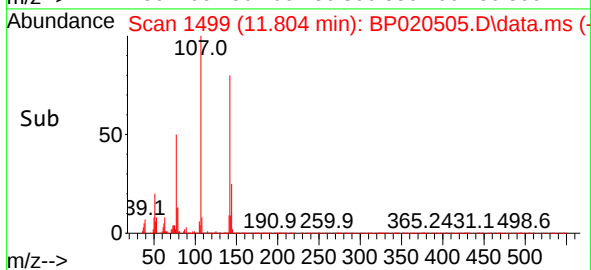
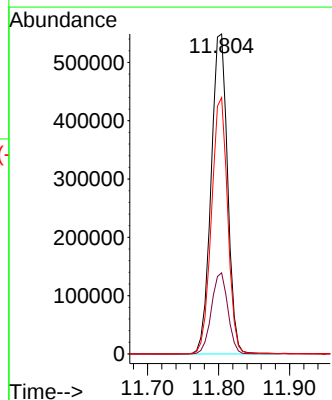
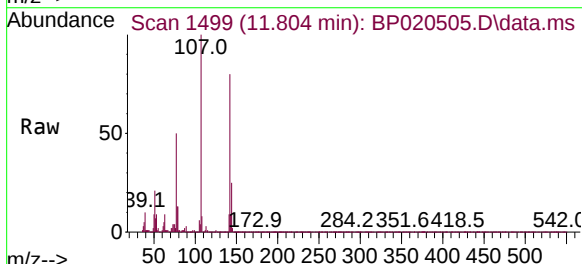
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

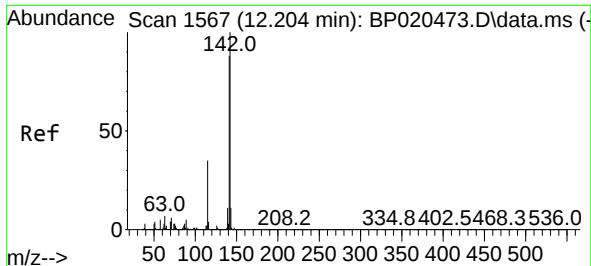
Tgt Ion:113 Resp: 170736
Ion Ratio Lower Upper
113 100
55 168.7 158.7 198.7
56 130.2 115.4 155.4



#36
4-Chloro-3-methylphenol
Concen: 45.790 ng
RT: 11.804 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:107 Resp: 883931
Ion Ratio Lower Upper
107 100
144 25.3 20.0 30.0
142 80.1 61.4 92.2

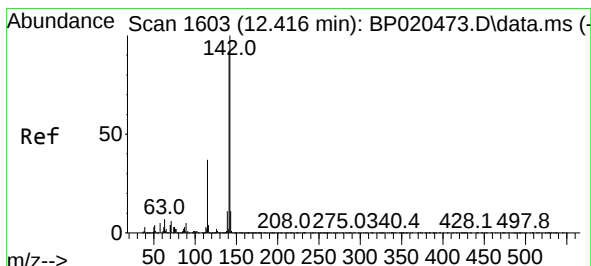
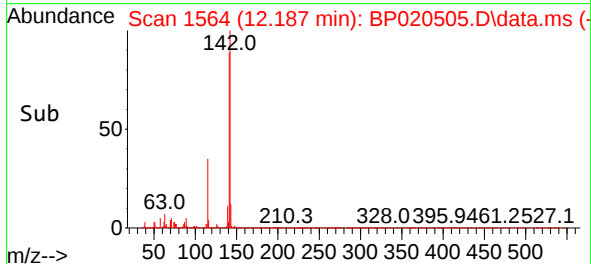
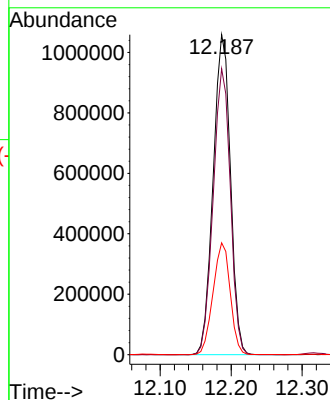
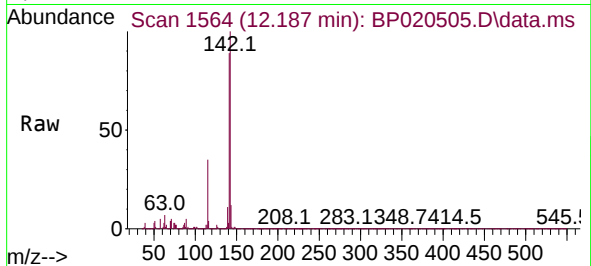




#37
2-Methylnaphthalene
Concen: 42.460 ng
RT: 12.187 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

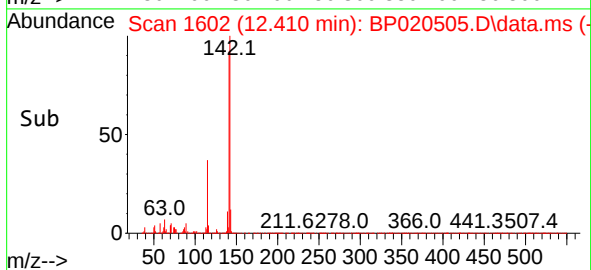
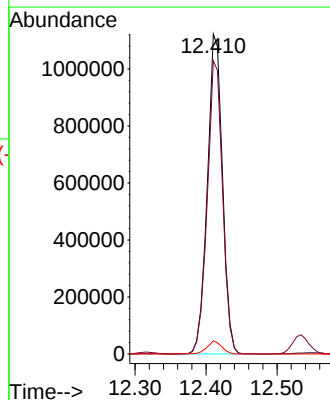
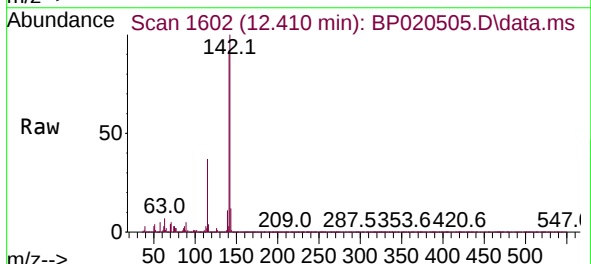
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

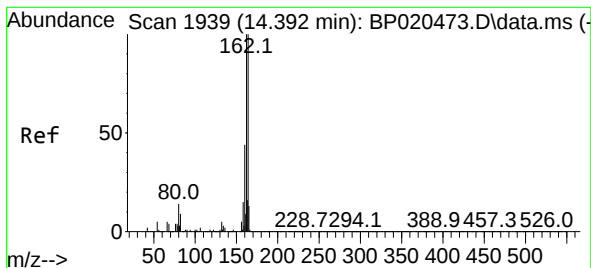
Tgt Ion:142 Resp: 1782578
Ion Ratio Lower Upper
142 100
141 89.3 70.3 105.5
115 34.9 28.0 42.0



#38
1-Methylnaphthalene
Concen: 40.130 ng
RT: 12.410 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:142 Resp: 1670117
Ion Ratio Lower Upper
142 100
141 91.6 73.7 110.5
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-223MS

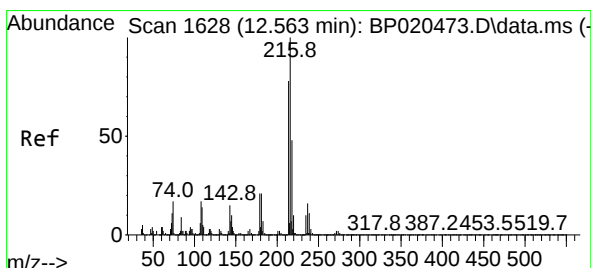
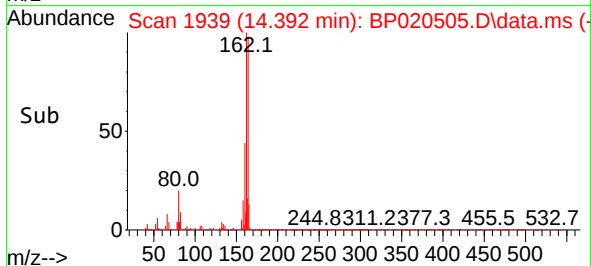
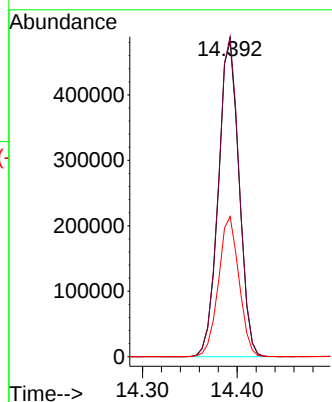
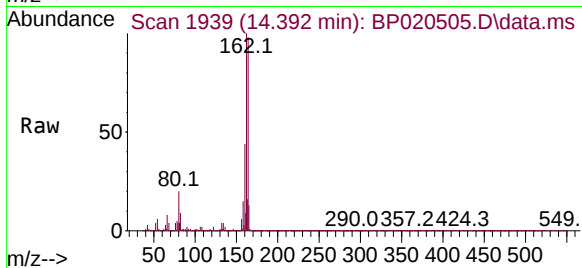
Tgt Ion:164 Resp: 731831

Ion Ratio Lower Upper

164 100

162 101.6 80.3 120.5

160 44.5 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.772 ng

RT: 12.557 min Scan# 1627

Delta R.T. -0.006 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

Tgt Ion:216 Resp: 990369

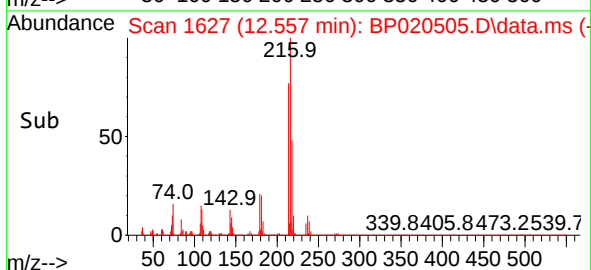
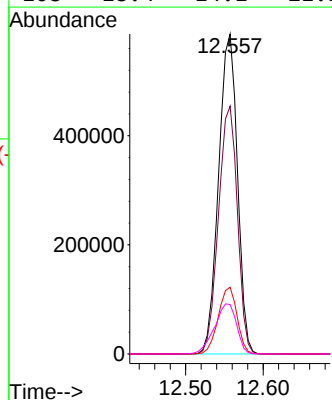
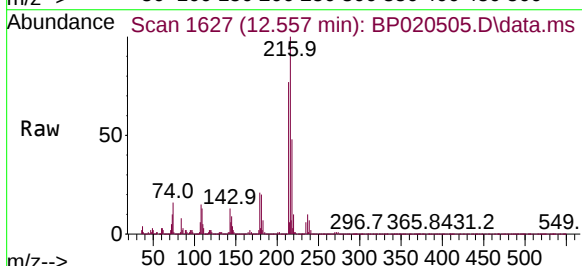
Ion Ratio Lower Upper

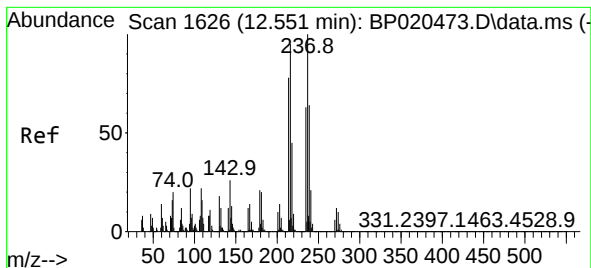
216 100

214 77.8 63.0 94.4

179 20.8 16.9 25.3

108 18.4 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 122.928 ng

RT: 12.534 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-223MS

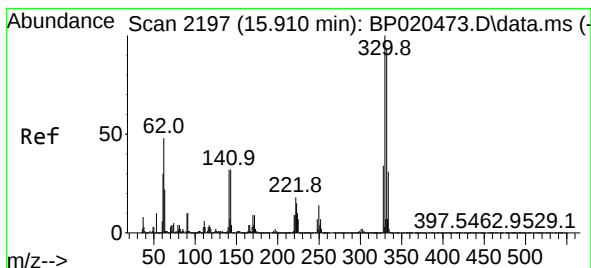
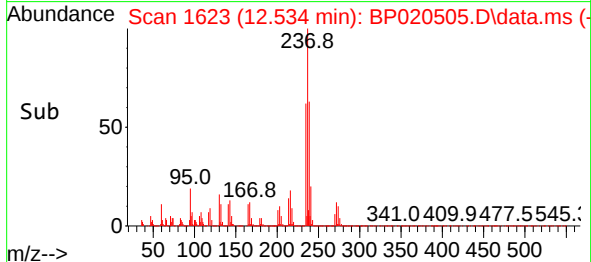
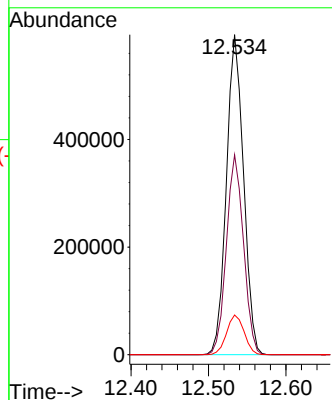
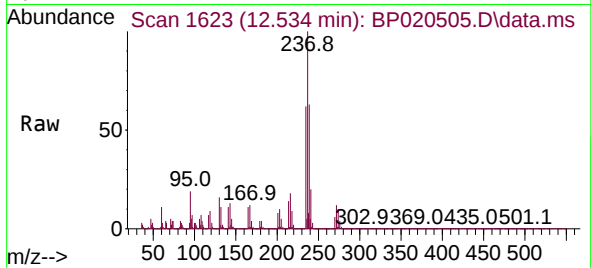
Tgt Ion:237 Resp: 914784

Ion Ratio Lower Upper

237 100

235 62.4 43.1 83.1

272 12.4 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 92.922 ng

RT: 15.904 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

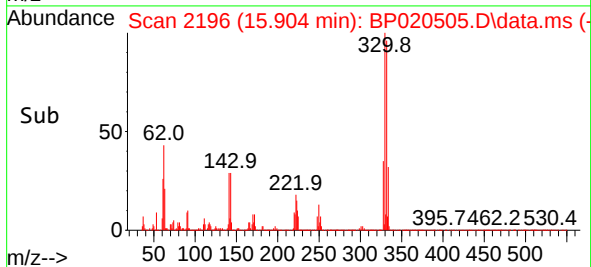
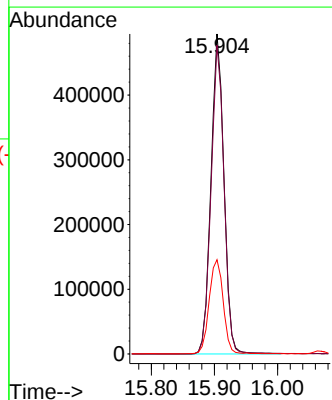
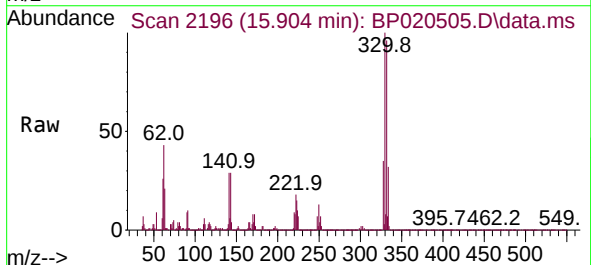
Tgt Ion:330 Resp: 705742

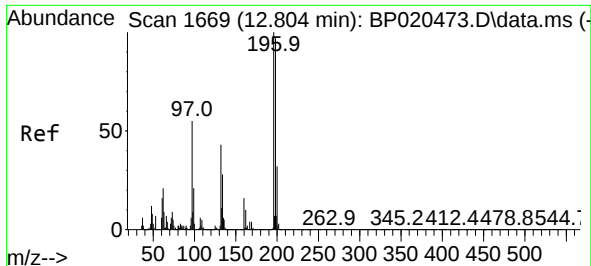
Ion Ratio Lower Upper

330 100

332 96.3 76.6 114.8

141 31.9 27.1 40.7

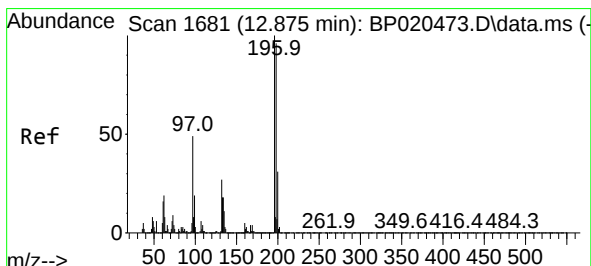
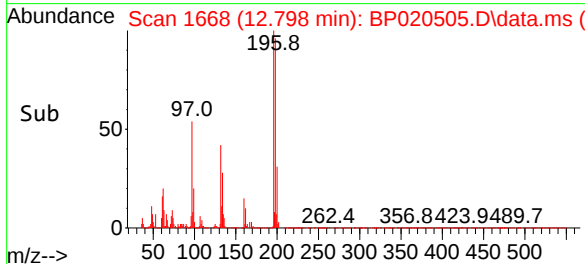
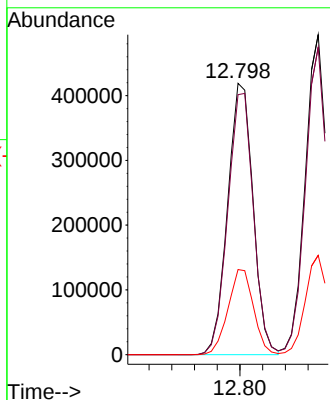
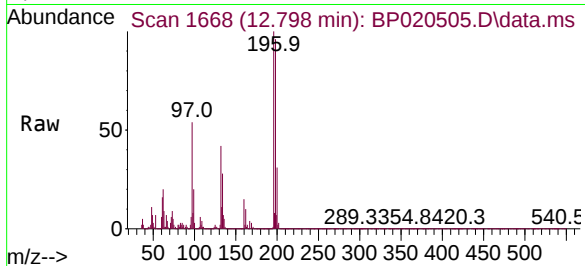




#43
2,4,6-Trichlorophenol
Concen: 51.002 ng
RT: 12.798 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

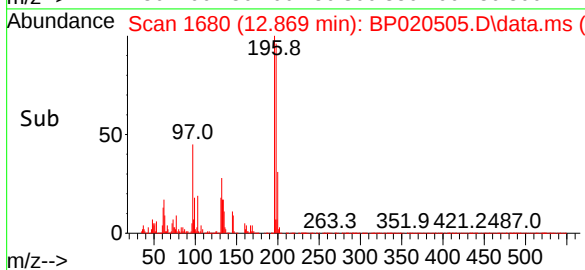
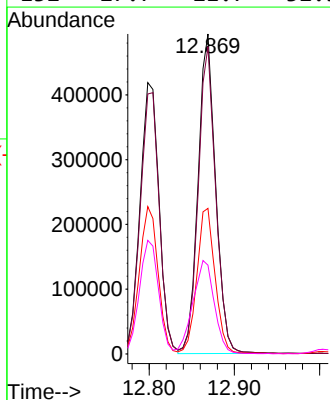
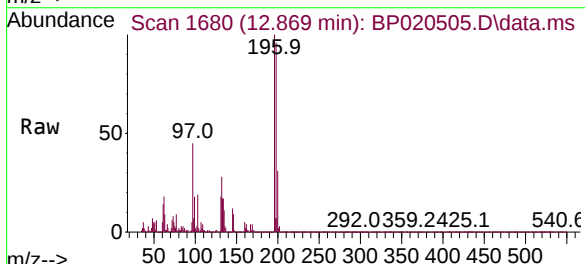
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

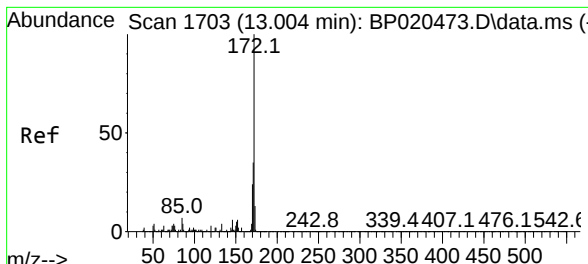
Tgt Ion:196 Resp: 652788
Ion Ratio Lower Upper
196 100
198 95.8 77.9 116.9
200 31.4 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 47.913 ng
RT: 12.869 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:196 Resp: 707491
Ion Ratio Lower Upper
196 100
198 96.1 77.0 115.4
97 45.5 38.9 58.3
132 27.7 21.7 32.5



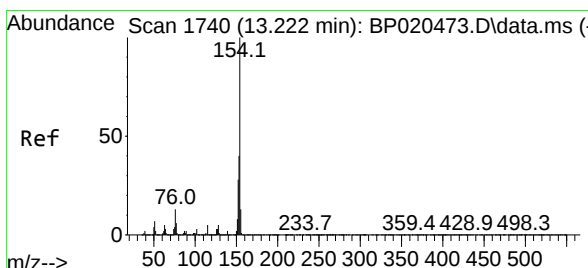
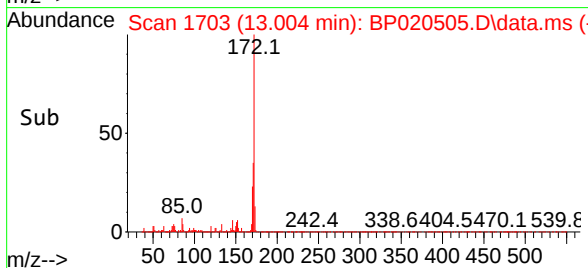
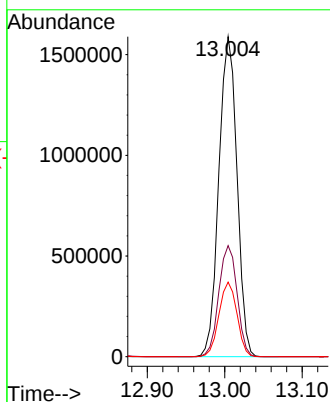
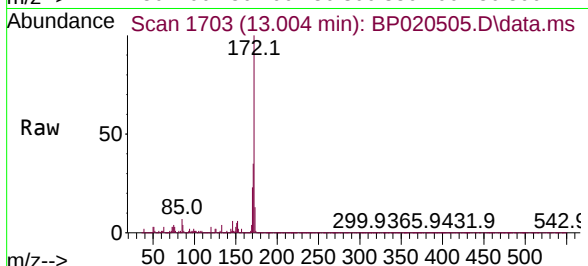


#45
2-Fluorobiphenyl
Concen: 52.679 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

Tgt Ion:172 Resp: 2586145

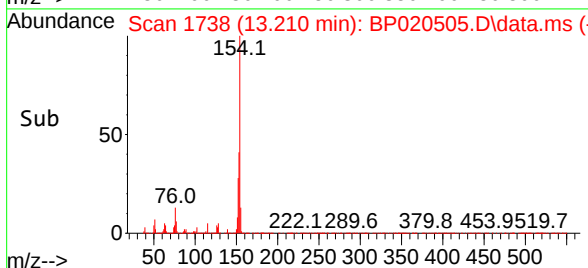
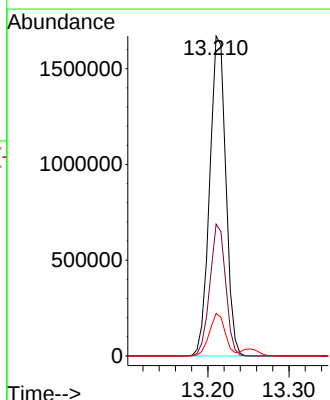
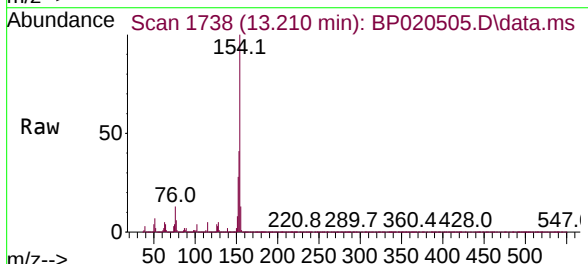
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.4	42.6
170	23.3	18.9	28.3

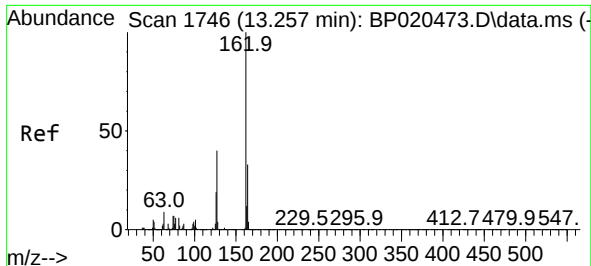


#46
1,1'-Biphenyl
Concen: 44.547 ng
RT: 13.210 min Scan# 1738
Delta R.T. -0.012 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:154 Resp: 2300759

Ion	Ratio	Lower	Upper
154	100		
153	41.2	19.9	59.9
76	13.3	0.0	33.2

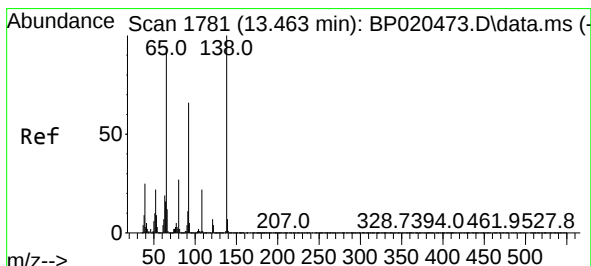
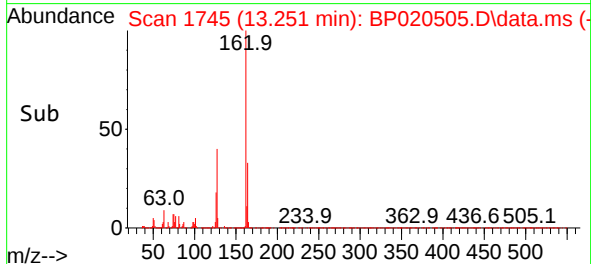
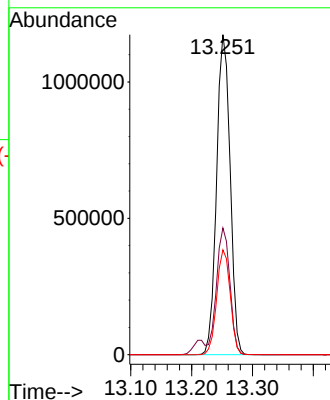
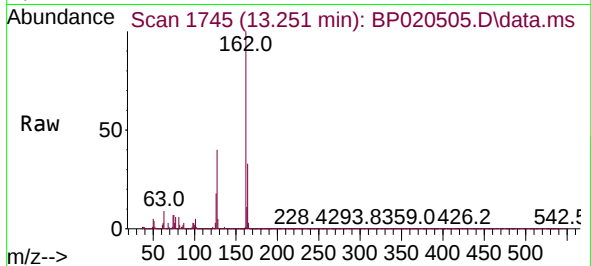




#47
2-Chloronaphthalene
Concen: 43.974 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

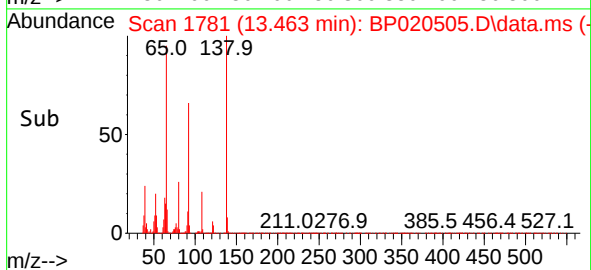
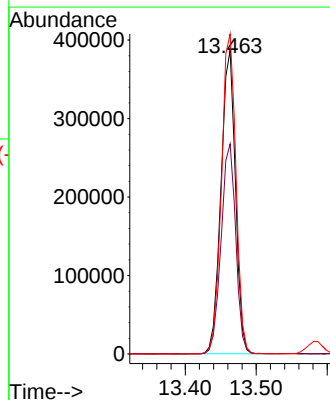
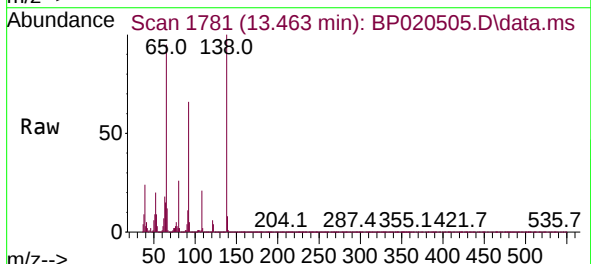
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

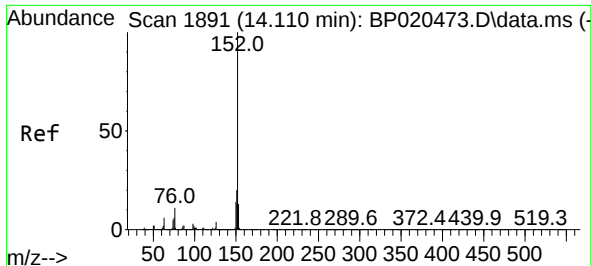
Tgt Ion:162 Resp: 1805492
Ion Ratio Lower Upper
162 100
127 39.6 32.2 48.2
164 32.8 26.1 39.1



#48
2-Nitroaniline
Concen: 48.935 ng
RT: 13.463 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion: 65 Resp: 544429
Ion Ratio Lower Upper
65 100
92 69.2 55.8 83.8
138 105.4 85.2 127.8

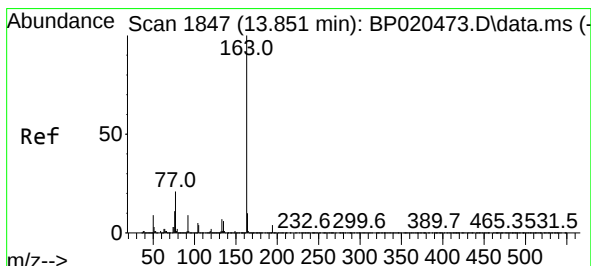
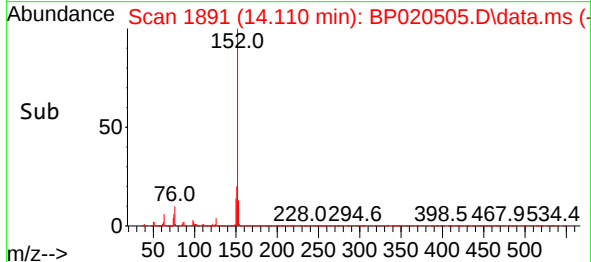
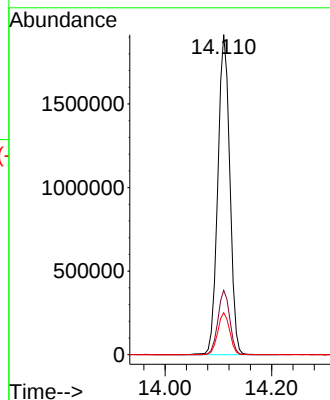
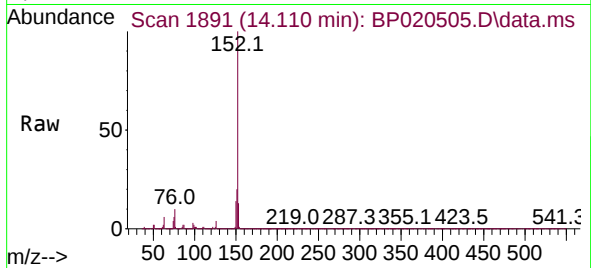




#49
Acenaphthylene
Concen: 48.898 ng
RT: 14.110 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

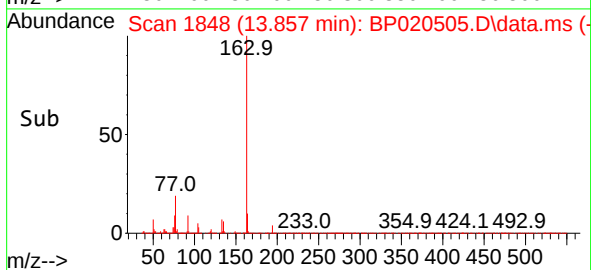
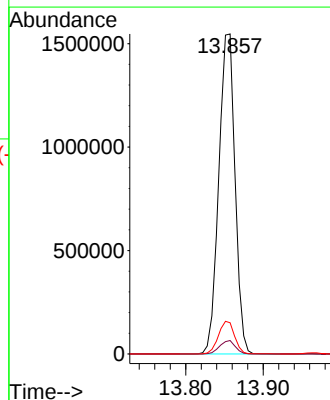
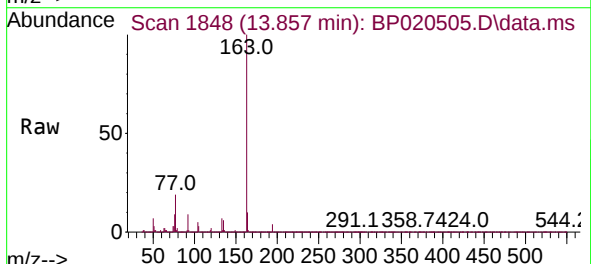
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

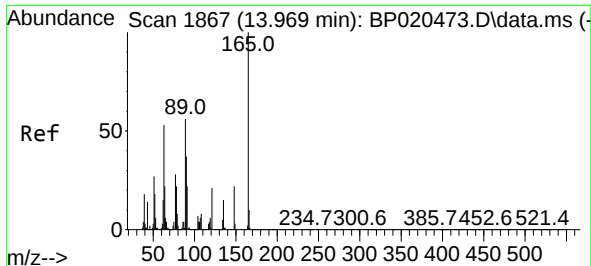
Tgt Ion:152 Resp: 2979082
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 43.697 ng
RT: 13.857 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:163 Resp: 2254171
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.8 8.3 12.5

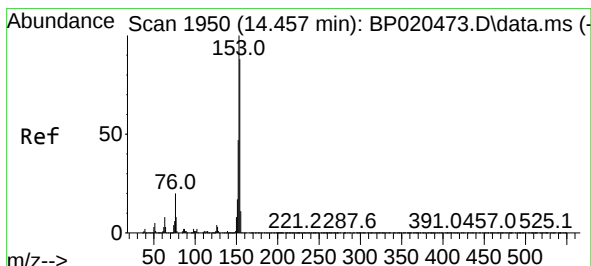
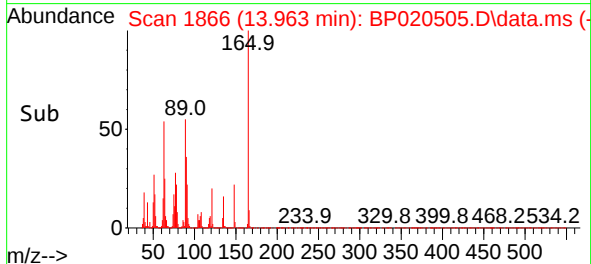
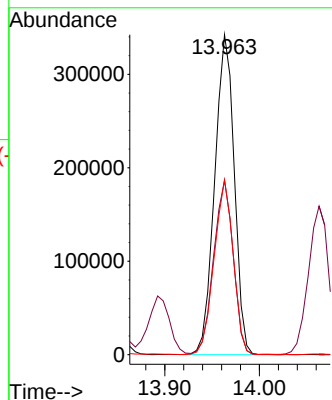
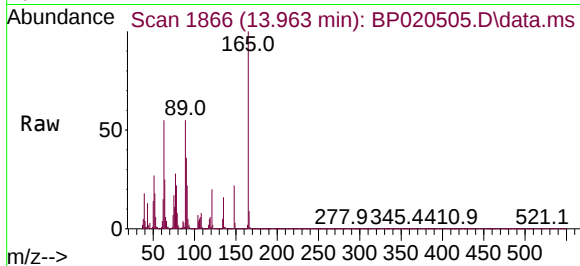




#51
2,6-Dinitrotoluene
Concen: 44.655 ng
RT: 13.963 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

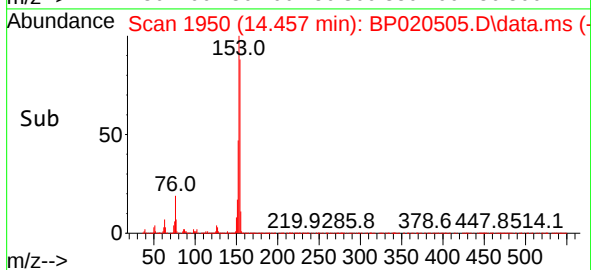
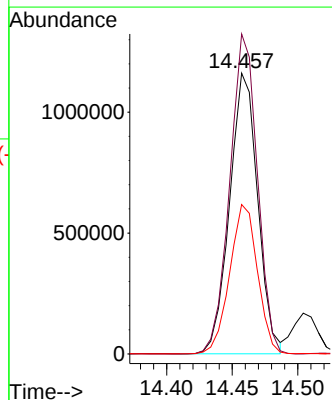
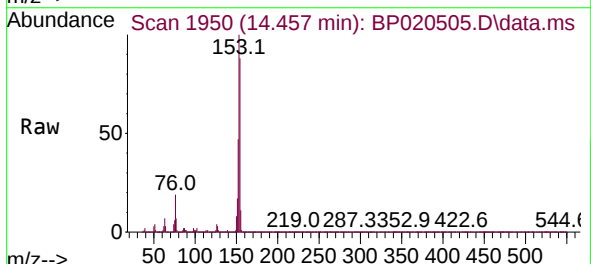
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

Tgt Ion:165 Resp: 492384
Ion Ratio Lower Upper
165 100
63 54.5 45.6 68.4
89 54.6 44.9 67.3



#52
Acenaphthene
Concen: 45.081 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:154 Resp: 1732469
Ion Ratio Lower Upper
154 100
153 113.9 90.6 136.0
152 53.2 42.6 63.8

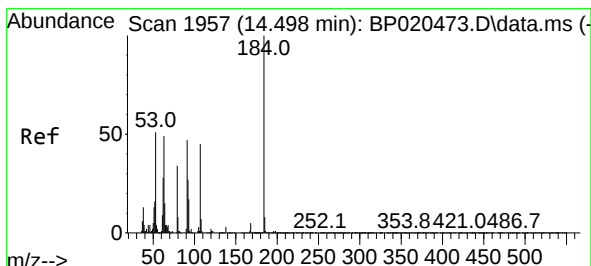
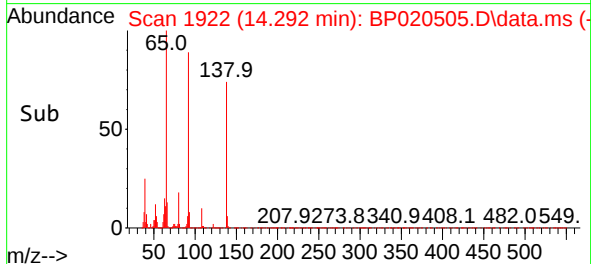
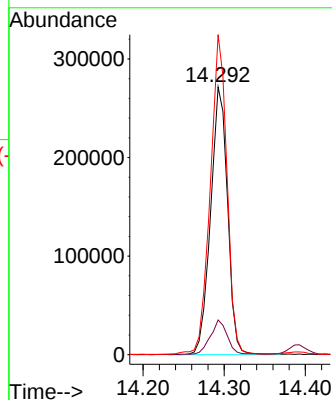
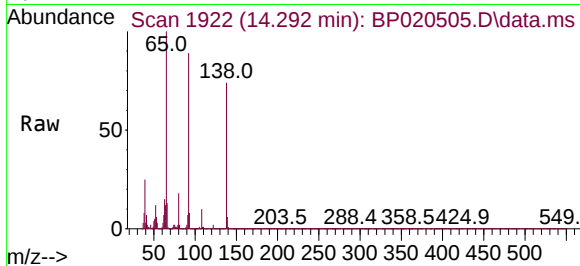




#53
3-Nitroaniline
Concen: 35.535 ng
RT: 14.292 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

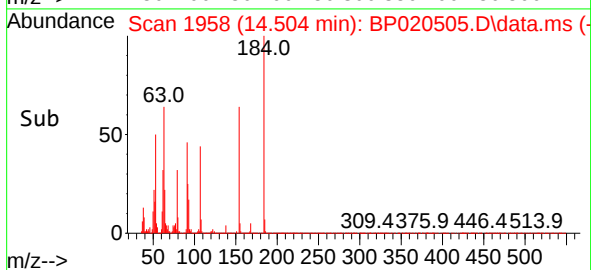
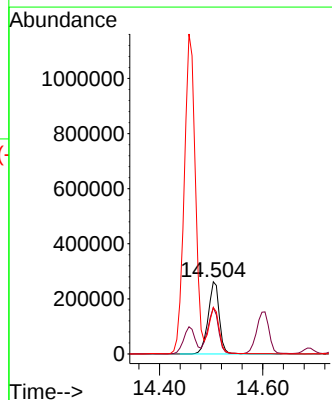
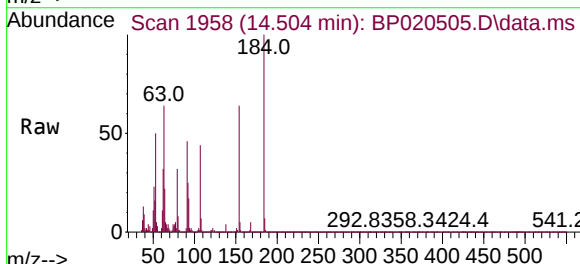
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

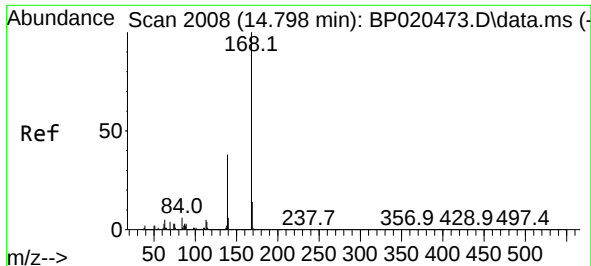
Tgt Ion:138 Resp: 393020
Ion Ratio Lower Upper
138 100
108 13.0 9.8 14.6
92 119.5 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 79.223 ng
RT: 14.504 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:184 Resp: 391463
Ion Ratio Lower Upper
184 100
63 64.3 54.2 81.4
154 64.4 51.0 76.6

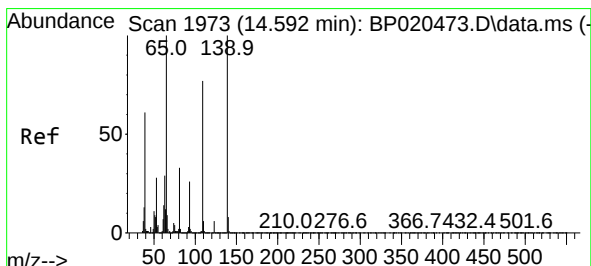
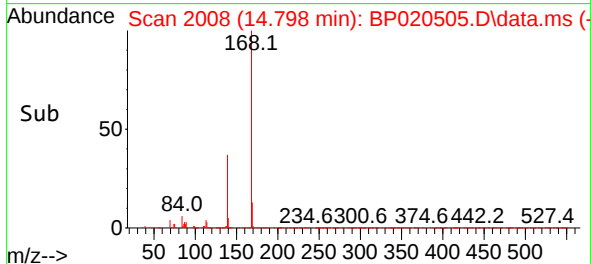
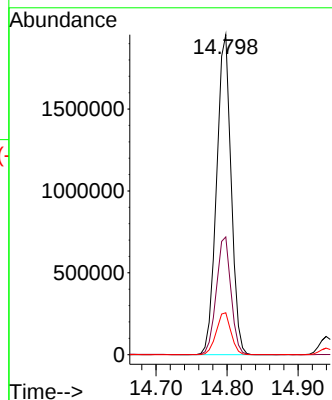
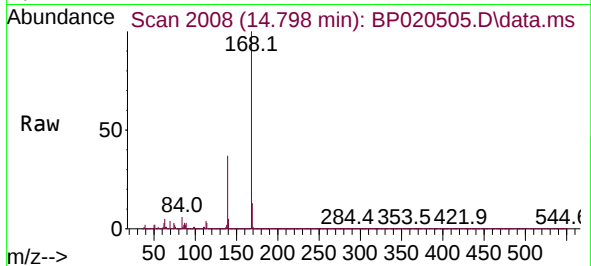




#55
Dibenzofuran
Concen: 45.460 ng
RT: 14.798 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

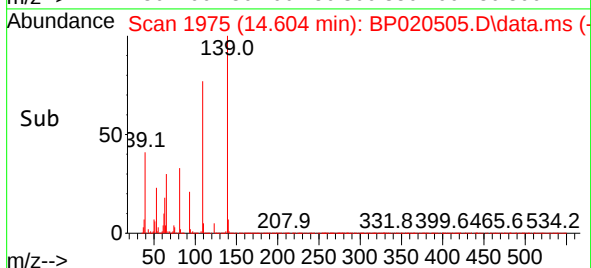
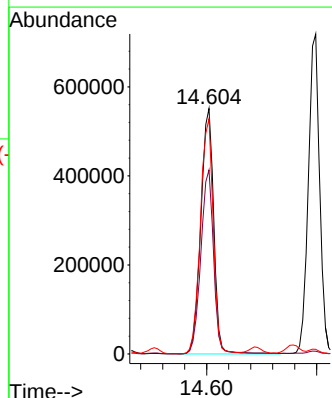
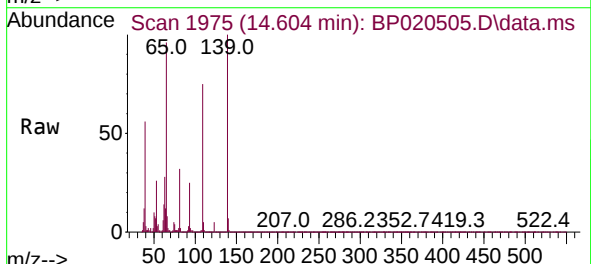
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

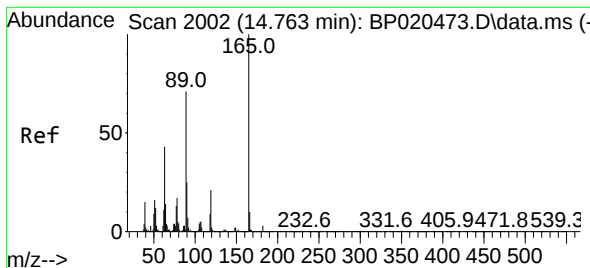
Tgt Ion:168 Resp: 2767486
Ion Ratio Lower Upper
168 100
139 36.8 30.4 45.6
169 13.1 11.0 16.4



#56
4-Nitrophenol
Concen: 104.844 ng
RT: 14.604 min Scan# 1975
Delta R.T. 0.012 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:139 Resp: 897002
Ion Ratio Lower Upper
139 100
109 75.0 57.4 97.4
65 95.8 80.4 120.4

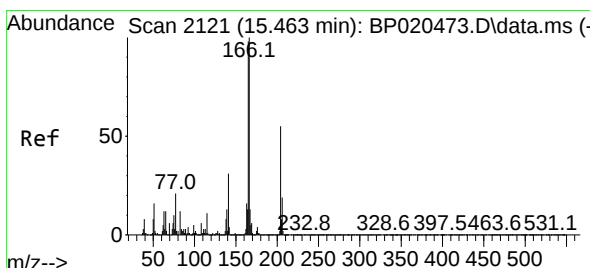
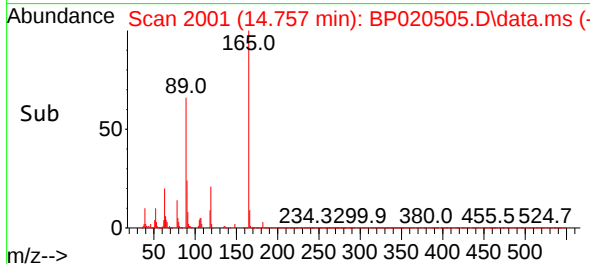
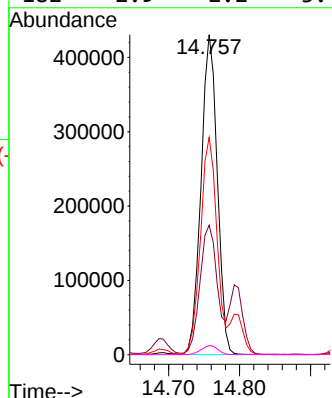
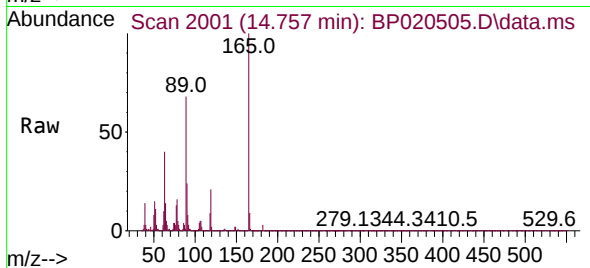




#57
2,4-Dinitrotoluene
Concen: 47.324 ng
RT: 14.757 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

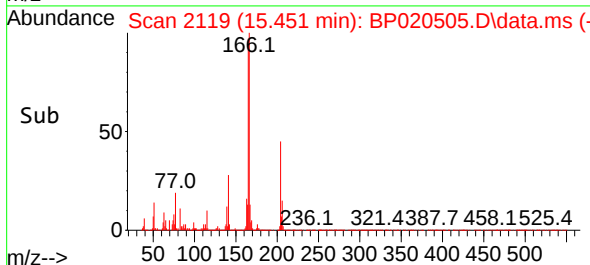
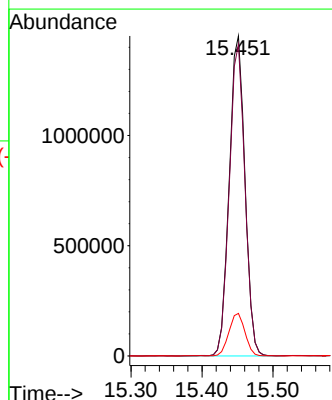
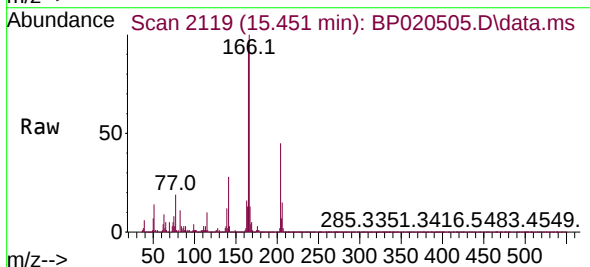
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

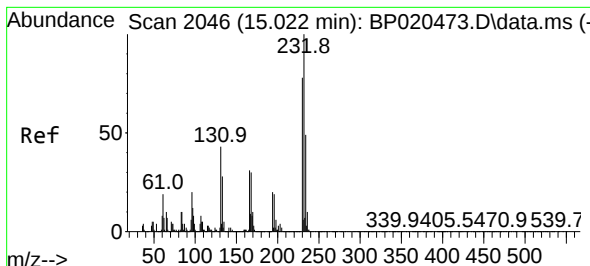
Tgt Ion:165 Resp: 685753
Ion Ratio Lower Upper
165 100
63 40.5 34.9 52.3
89 67.9 56.6 85.0
182 2.9 2.2 3.4



#58
Fluorene
Concen: 45.602 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:166 Resp: 2228656
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.4
167 13.3 10.7 16.1

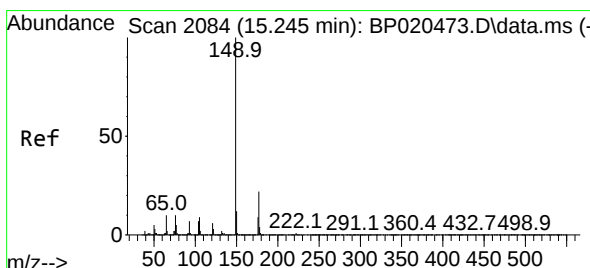
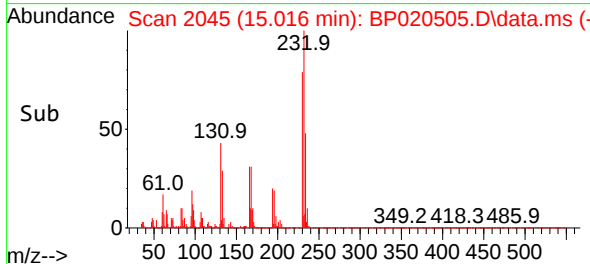
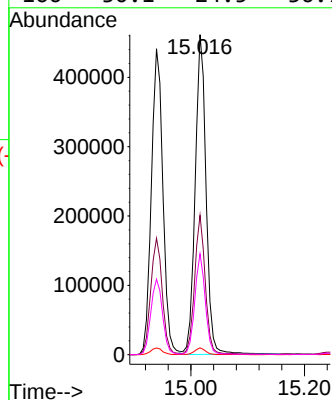
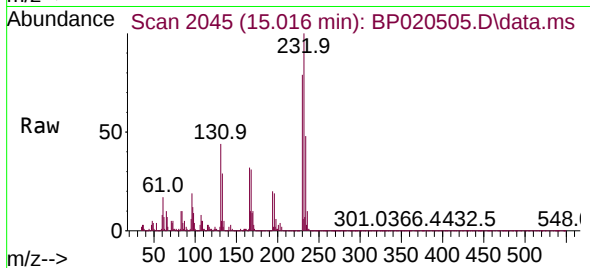




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.075 ng
RT: 15.016 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

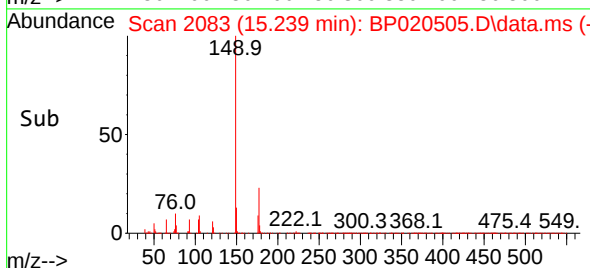
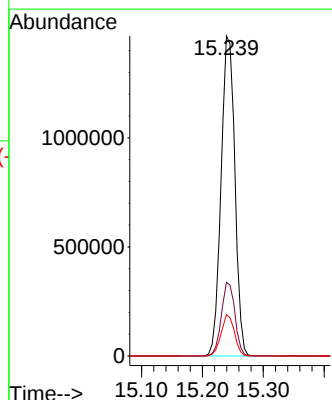
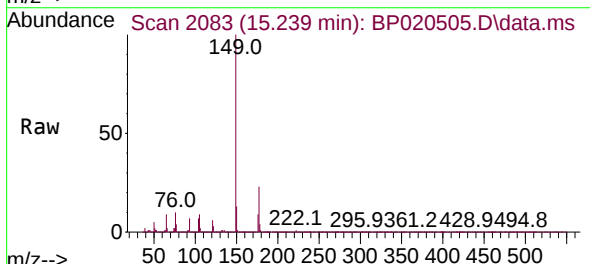
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

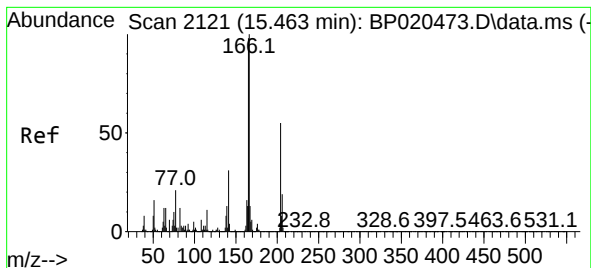
Tgt Ion:	232	Resp:	617194
Ion	Ratio	Lower	Upper
232	100		
131	42.5	34.8	52.2
130	2.1	1.9	2.9
166	30.1	24.5	36.7



#60
Diethylphthalate
Concen: 44.088 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:	149	Resp:	2311946
Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.8	26.8
150	12.9	9.8	14.8

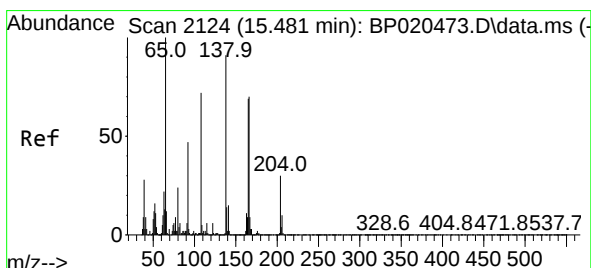
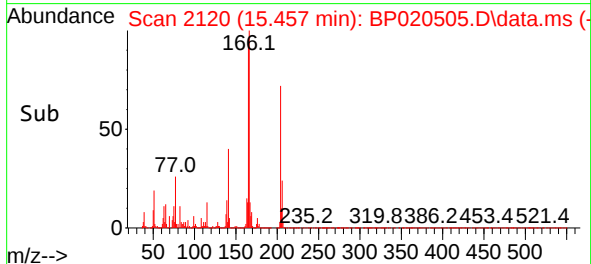
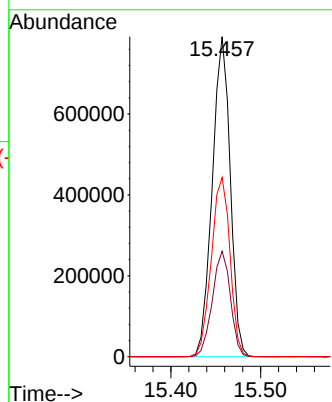
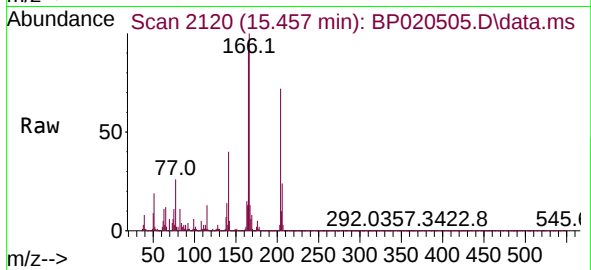




#61
4-Chlorophenyl-phenylether
Concen: 43.553 ng
RT: 15.457 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

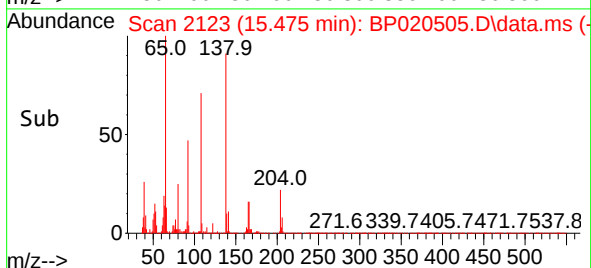
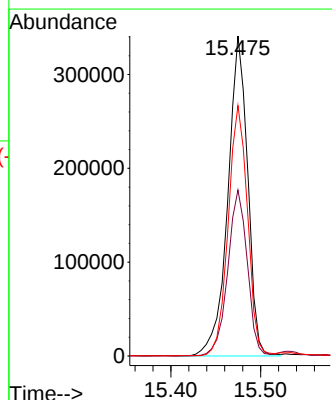
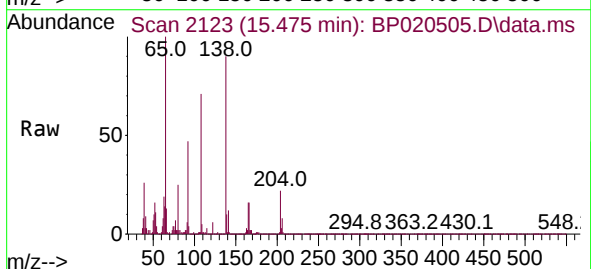
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

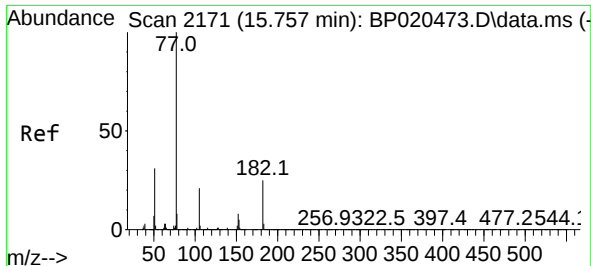
Tgt Ion:204 Resp: 1098385
Ion Ratio Lower Upper
204 100
206 32.9 27.0 40.4
141 56.0 45.0 67.6



#62
4-Nitroaniline
Concen: 45.904 ng
RT: 15.475 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:138 Resp: 522994
Ion Ratio Lower Upper
138 100
92 51.8 31.7 71.7
108 78.3 59.9 99.9



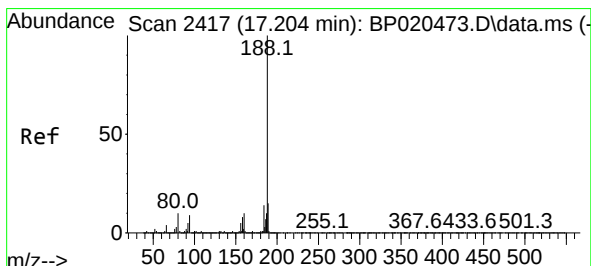
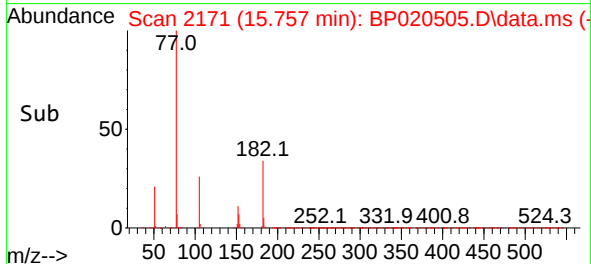
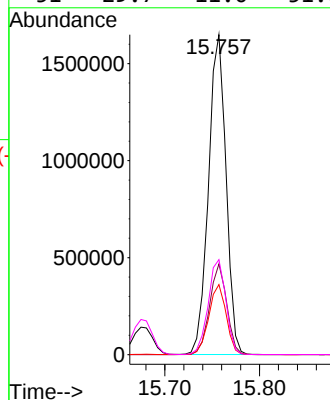
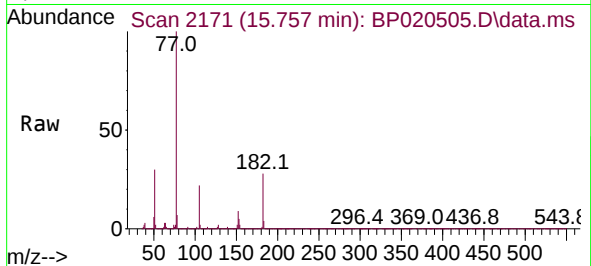


#63
Azobenzene
Concen: 43.208 ng
RT: 15.757 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

Tgt Ion: 77 Resp: 2115703

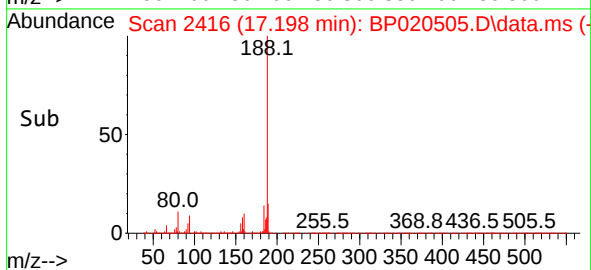
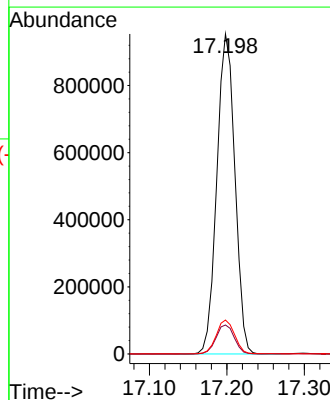
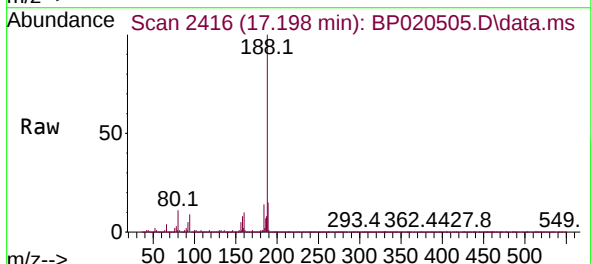
Ion	Ratio	Lower	Upper
77	100		
182	28.3	4.6	44.6
105	21.9	1.2	41.2
51	29.7	11.0	51.0

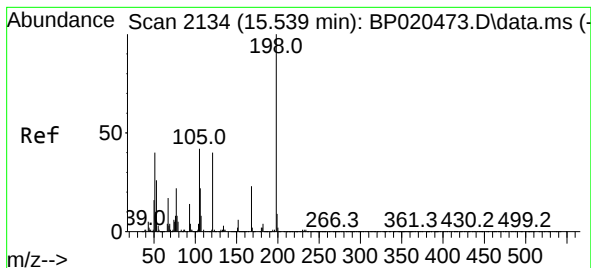


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion: 188 Resp: 1544995

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.6	8.1	12.1

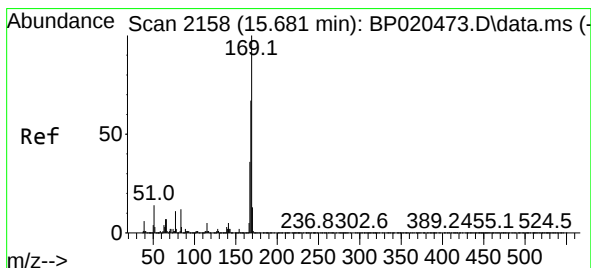
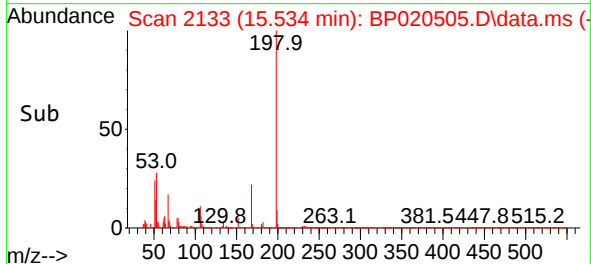
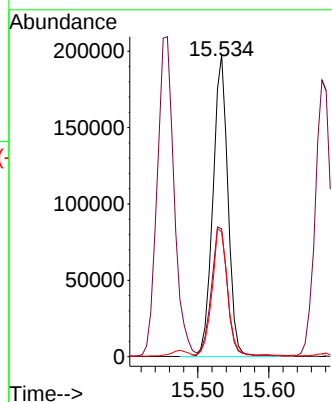
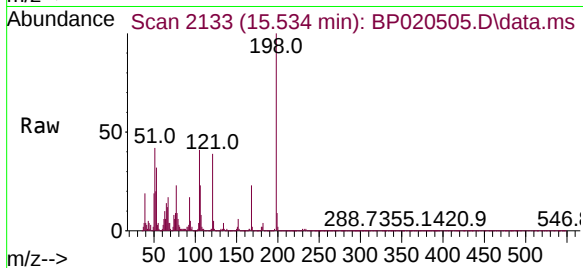




#65
4,6-Dinitro-2-methylphenol
Concen: 43.232 ng
RT: 15.534 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

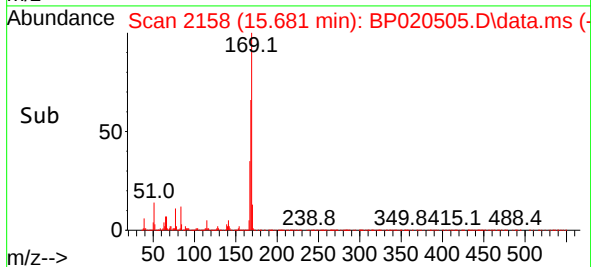
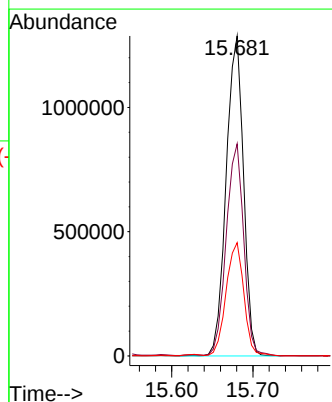
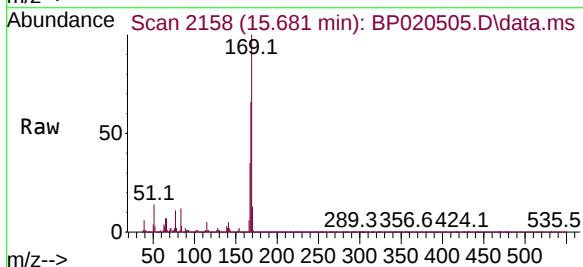
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

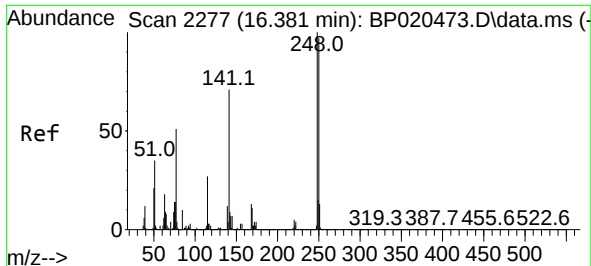
Tgt Ion:198 Resp: 289930
Ion Ratio Lower Upper
198 100
51 42.4 24.8 64.8
105 41.3 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 44.806 ng
RT: 15.681 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:169 Resp: 1903227
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 35.4 28.7 43.1

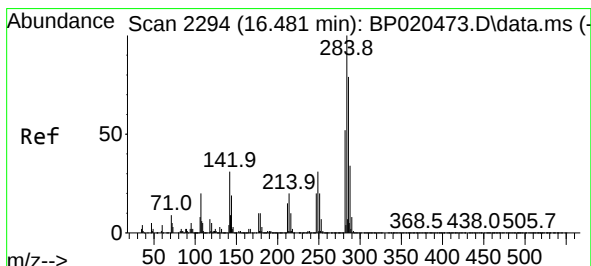
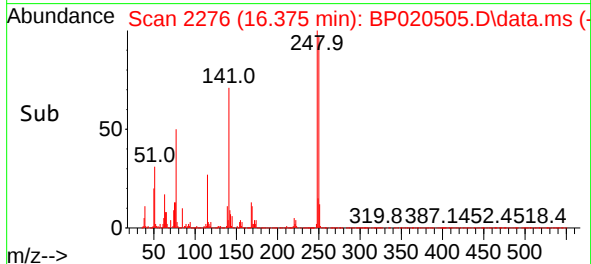
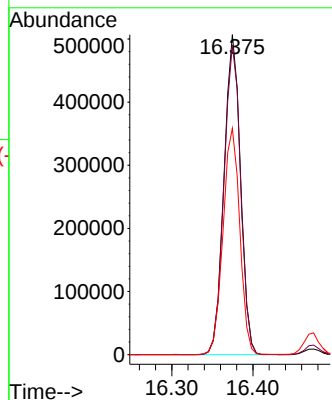
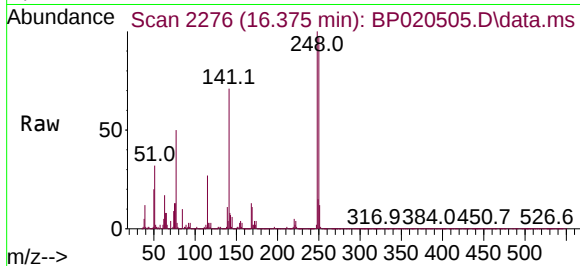




#67
4-Bromophenyl-phenylether
Concen: 45.372 ng
RT: 16.375 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

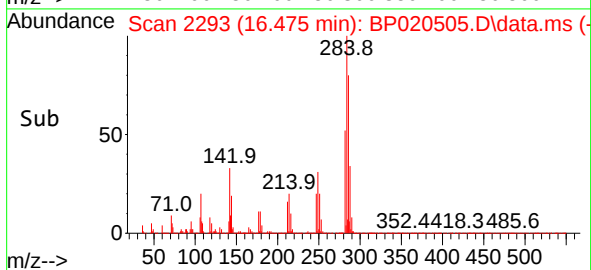
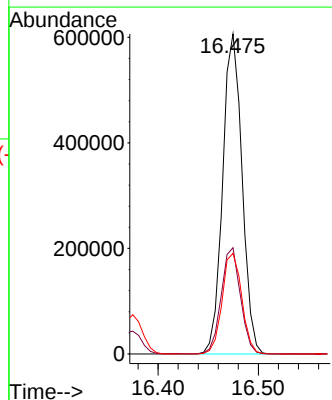
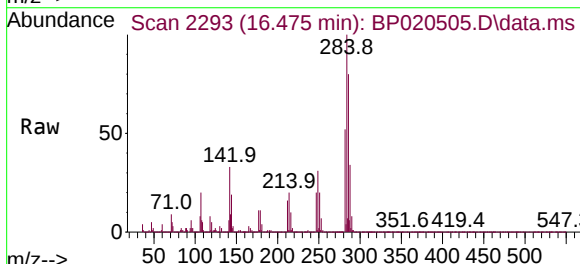
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

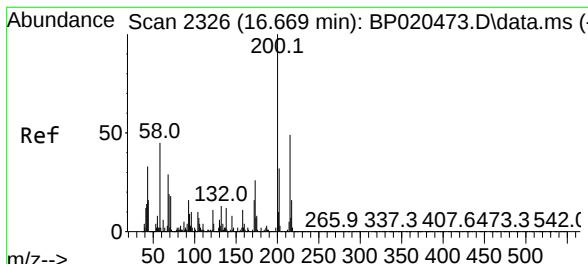
Tgt Ion:248 Resp: 717166
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.0
141 70.8 56.5 84.7



#68
Hexachlorobenzene
Concen: 43.725 ng
RT: 16.475 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:284 Resp: 813397
Ion Ratio Lower Upper
284 100
142 33.2 24.5 36.7
249 31.5 25.3 37.9

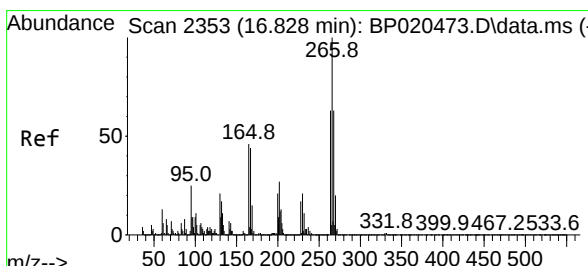
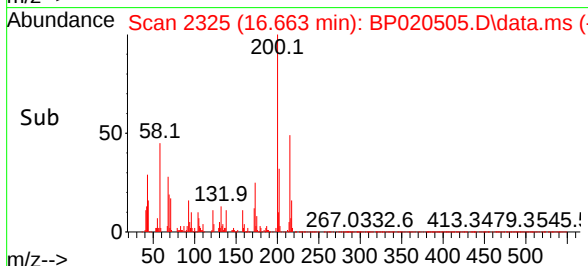
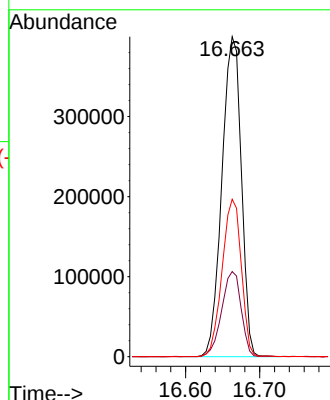
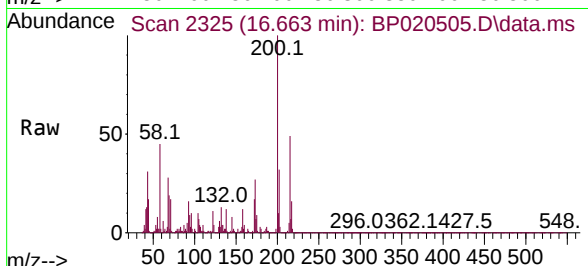




#69
 Atrazine
 Concen: 48.582 ng
 RT: 16.663 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP020505.D
 Acq: 04 Jun 2024 21:10

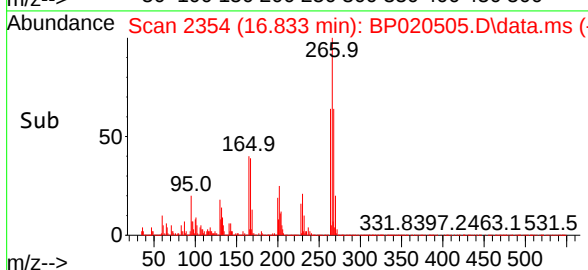
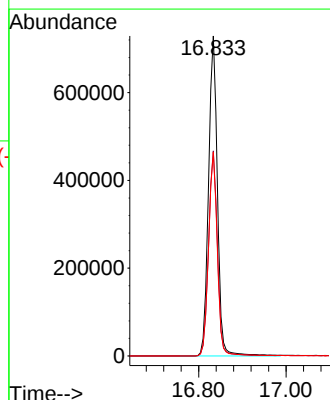
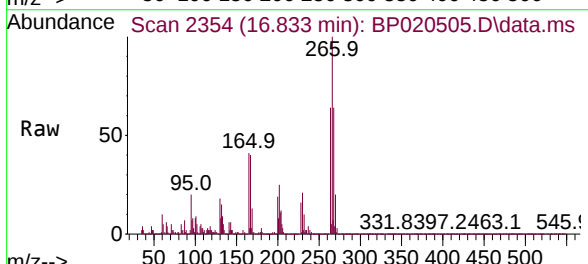
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-223MS

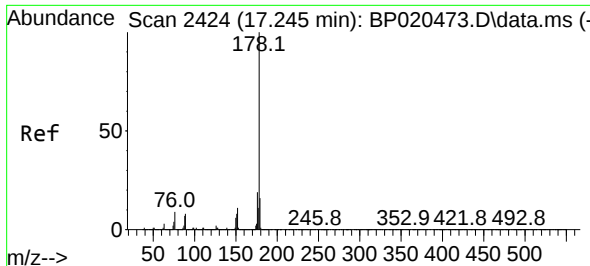
Tgt Ion:	200	Resp:	726009
Ion Ratio	Lower	Upper	
200	100		
173	26.6	6.1	46.1
215	49.2	28.7	68.7



#70
 Pentachlorophenol
 Concen: 91.679 ng
 RT: 16.833 min Scan# 2354
 Delta R.T. 0.005 min
 Lab File: BP020505.D
 Acq: 04 Jun 2024 21:10

Tgt Ion:	266	Resp:	1035803
Ion Ratio	Lower	Upper	
266	100		
268	64.1	50.1	75.1
264	63.7	50.6	76.0

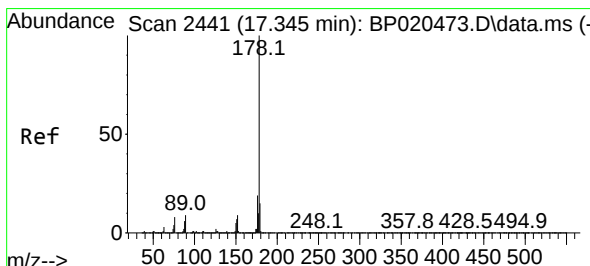
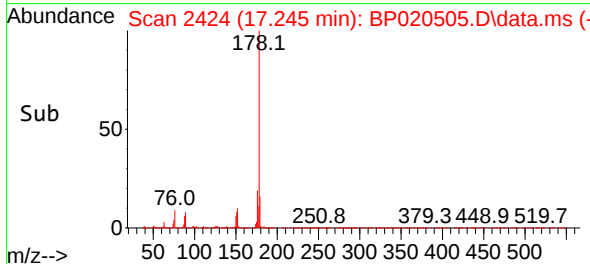
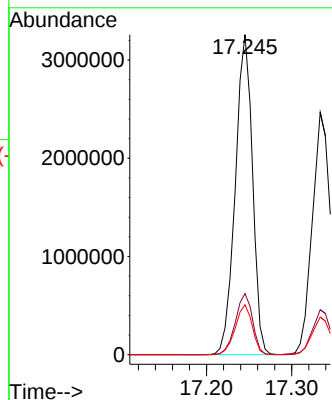
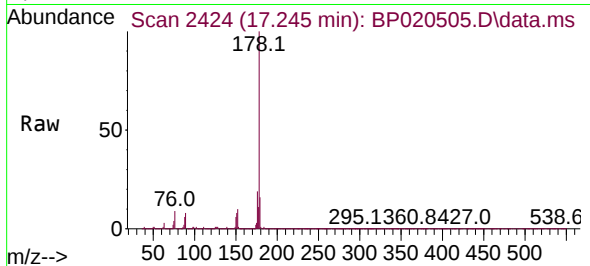




#71
Phenanthrene
Concen: 60.021 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

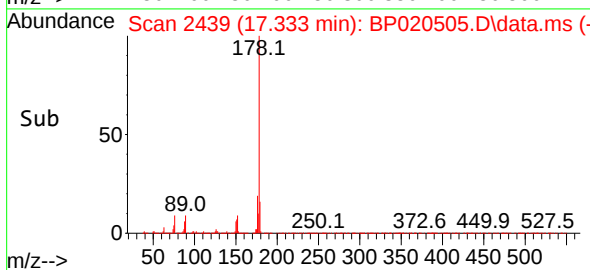
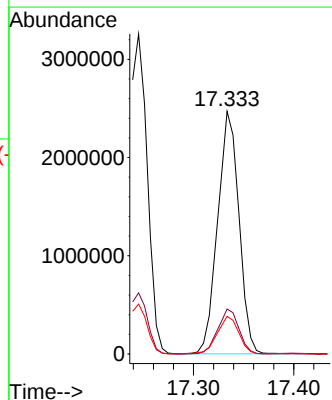
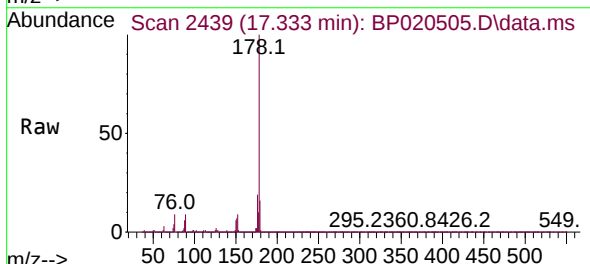
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

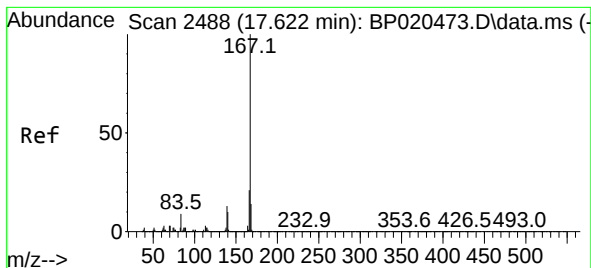
Tgt Ion:178 Resp: 4558454
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.6 12.5 18.7



#72
Anthracene
Concen: 48.691 ng
RT: 17.333 min Scan# 2439
Delta R.T. -0.012 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:178 Resp: 3628648
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.5 12.2 18.4





#73

Carbazole

Concen: 46.963 ng

RT: 17.616 min Scan# 2488

Delta R.T. -0.006 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-223MS

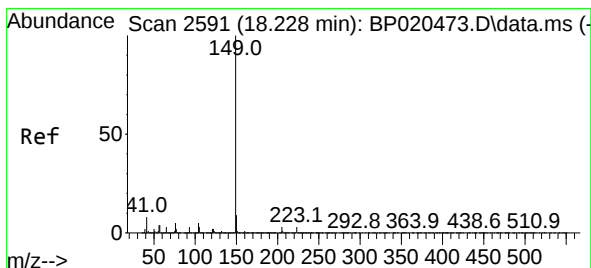
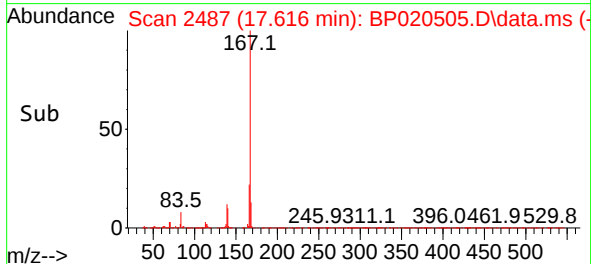
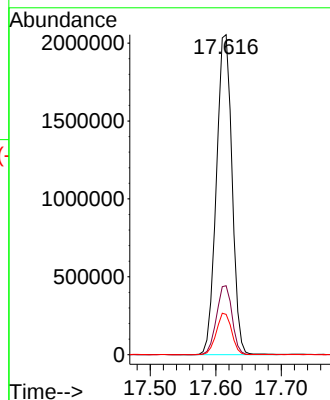
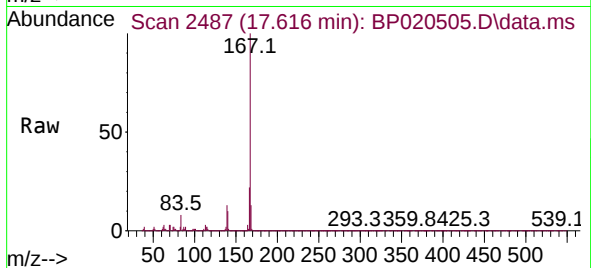
Tgt Ion:167 Resp: 3385392

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 12.6 10.5 15.7



#74

Di-n-butylphthalate

Concen: 45.413 ng

RT: 18.222 min Scan# 2590

Delta R.T. -0.006 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

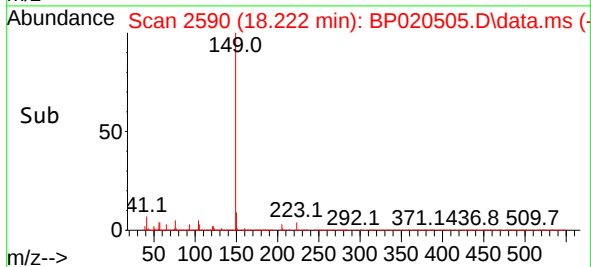
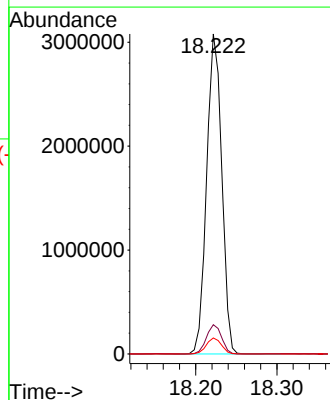
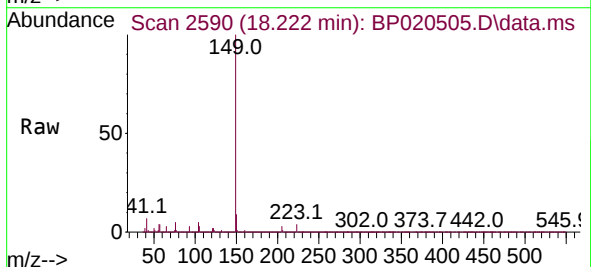
Tgt Ion:149 Resp: 3964425

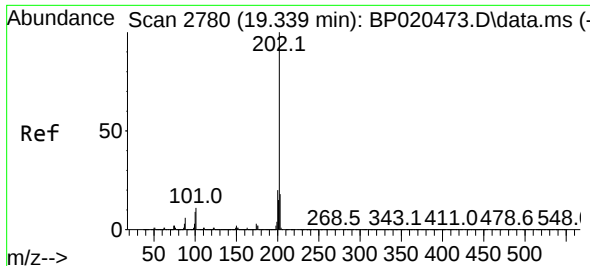
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.0 4.2 6.2

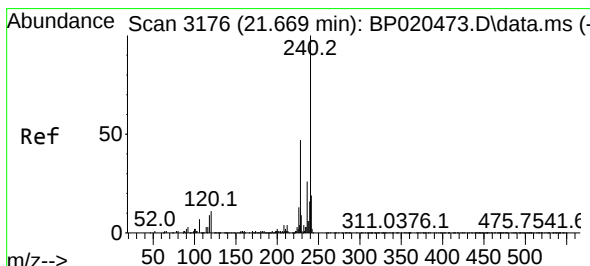
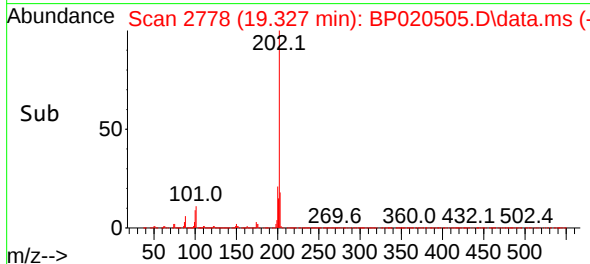
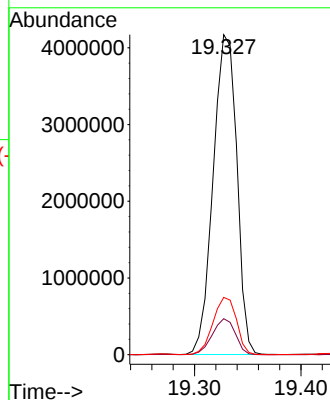
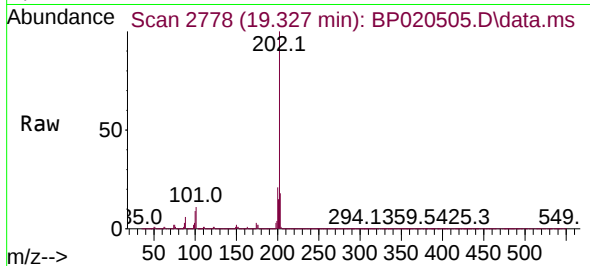




#75
Fluoranthene
Concen: 71.598 ng
RT: 19.327 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

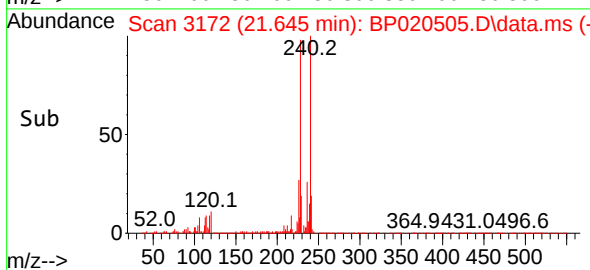
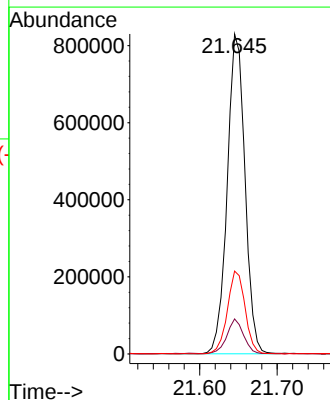
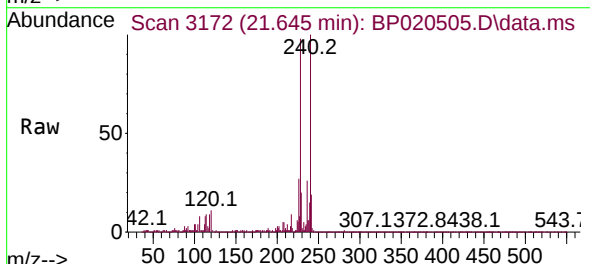
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

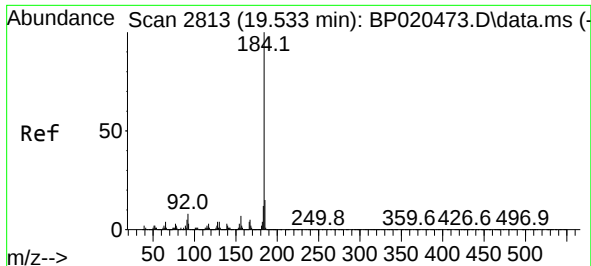
Tgt Ion:202 Resp: 6433005
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3172
Delta R.T. -0.024 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:240 Resp: 1322205
Ion Ratio Lower Upper
240 100
120 10.9 8.5 12.7
236 25.9 20.5 30.7

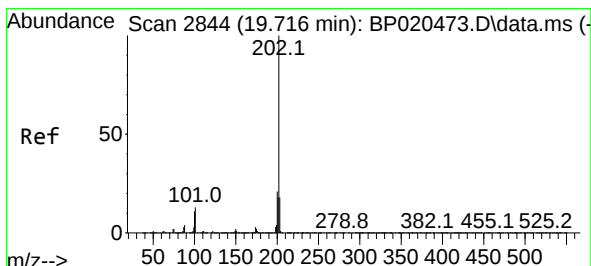
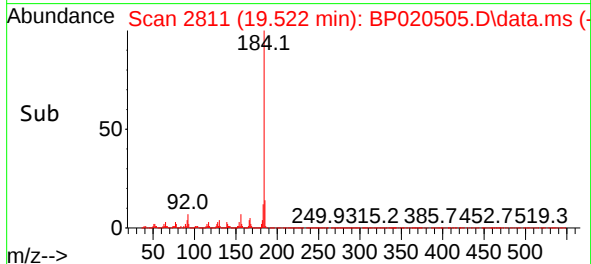
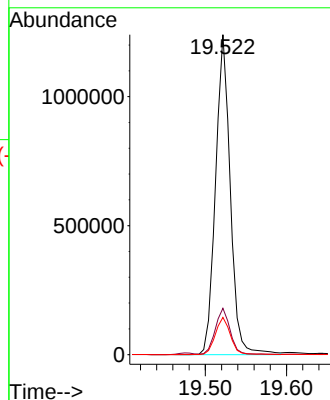
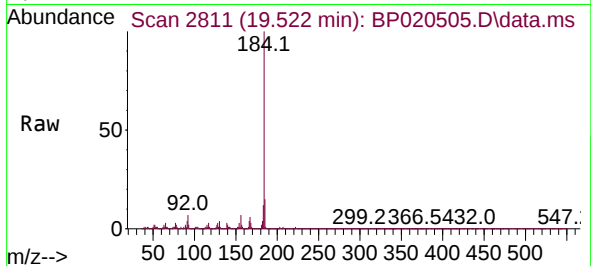




#77
Benzidine
Concen: 35.089 ng
RT: 19.522 min Scan# 2811
Delta R.T. -0.011 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

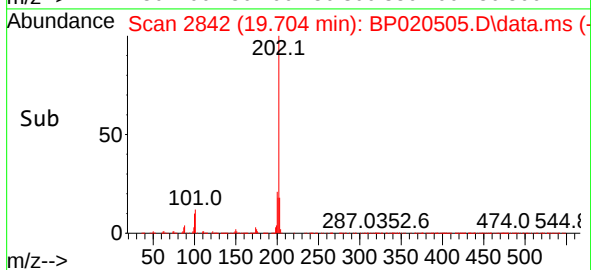
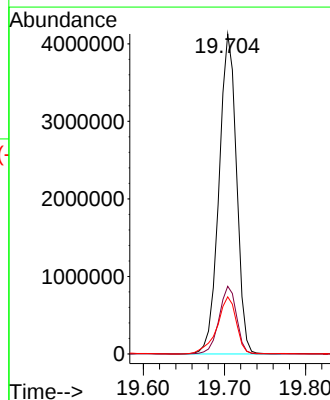
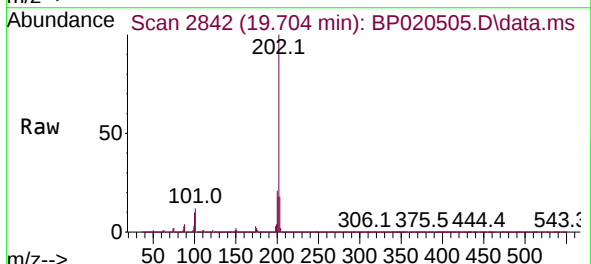
Instrument :
BNA_P
ClientSampleId :
VNJ-223MS

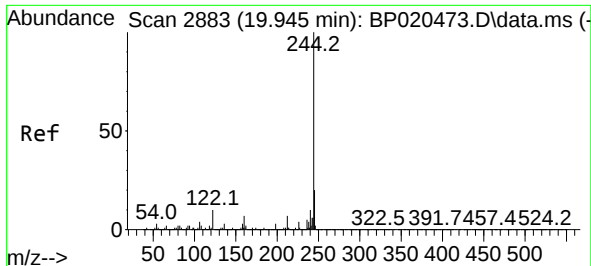
Tgt Ion:184 Resp: 1563238
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 11.6 9.4 14.0



#78
Pyrene
Concen: 62.278 ng
RT: 19.704 min Scan# 2842
Delta R.T. -0.012 min
Lab File: BP020505.D
Acq: 04 Jun 2024 21:10

Tgt Ion:202 Resp: 6193770
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.8 14.1 21.1

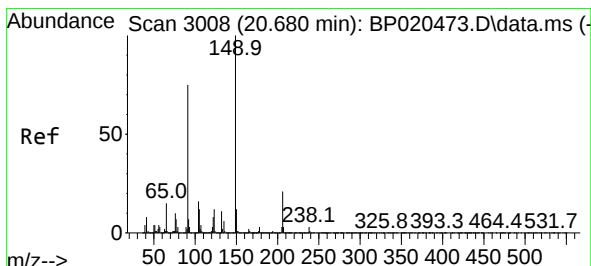
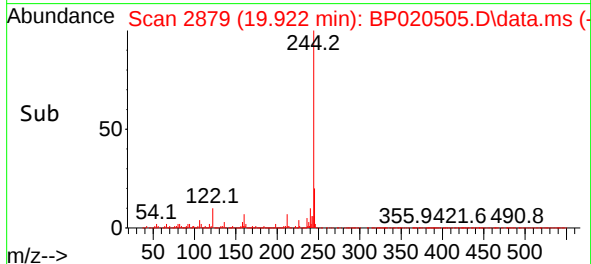
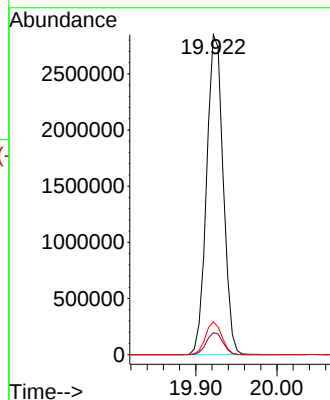
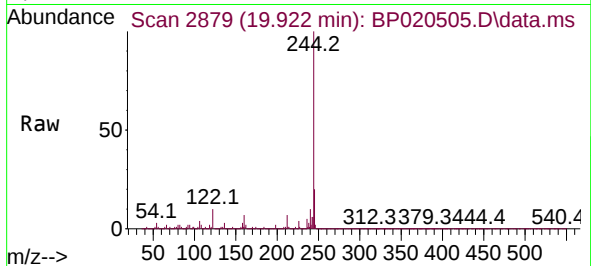




#79
 Terphenyl-d14
 Concen: 50.626 ng
 RT: 19.922 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BP020505.D
 Acq: 04 Jun 2024 21:10

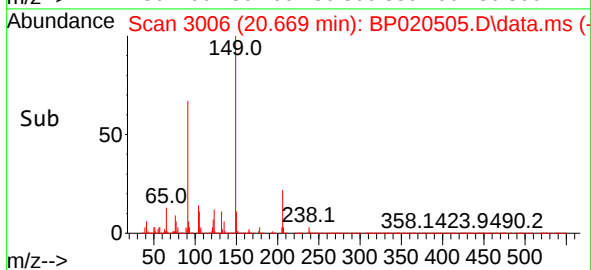
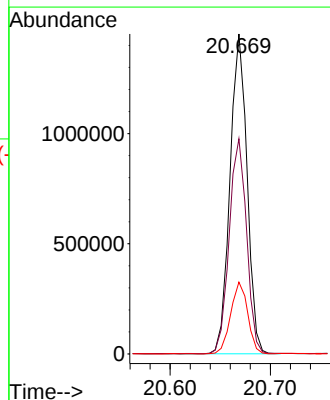
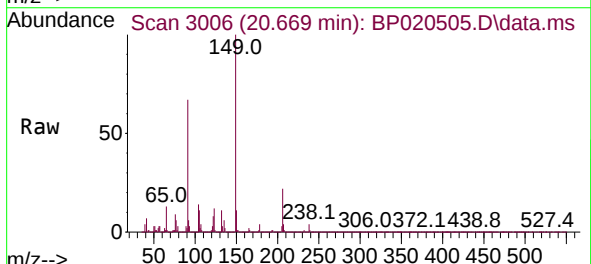
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-223MS

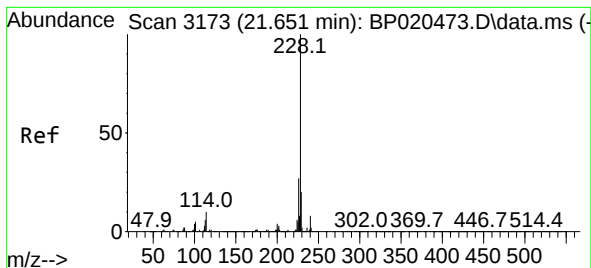
Tgt Ion:244 Resp: 4020955
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 42.867 ng
 RT: 20.669 min Scan# 3006
 Delta R.T. -0.011 min
 Lab File: BP020505.D
 Acq: 04 Jun 2024 21:10

Tgt Ion:149 Resp: 1705940
 Ion Ratio Lower Upper
 149 100
 91 67.3 60.0 90.0
 206 22.4 16.6 25.0





#81

Benzo(a)anthracene

Concen: 57.411 ng

RT: 21.627 min Scan# 3173

Delta R.T. -0.024 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-223MS

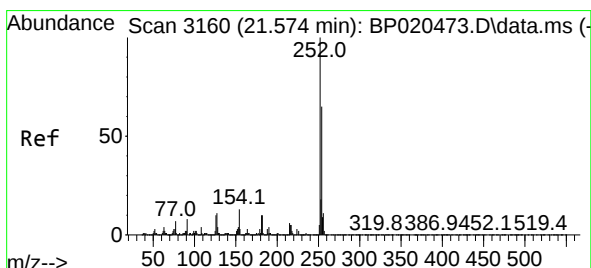
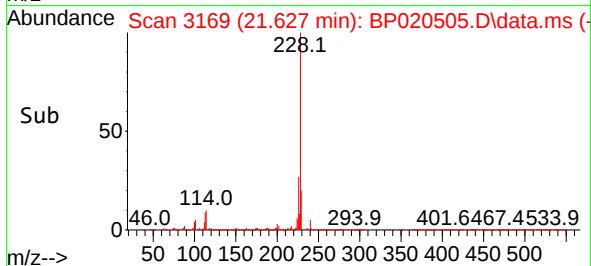
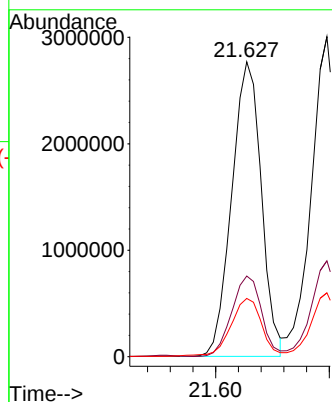
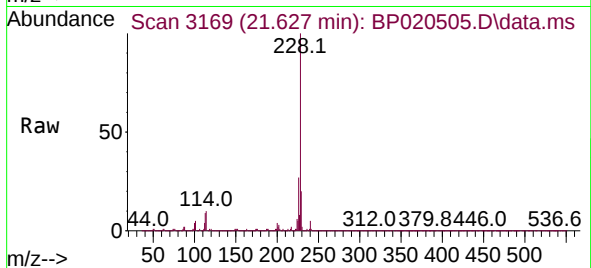
Tgt Ion:228 Resp: 4998210

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 38.775 ng

RT: 21.557 min Scan# 3157

Delta R.T. -0.017 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

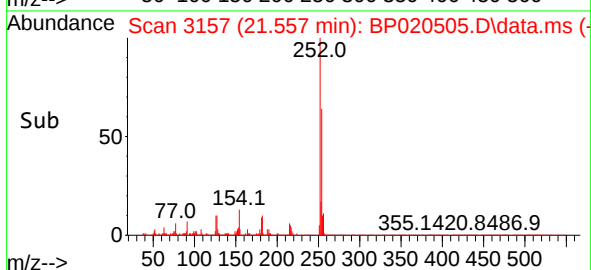
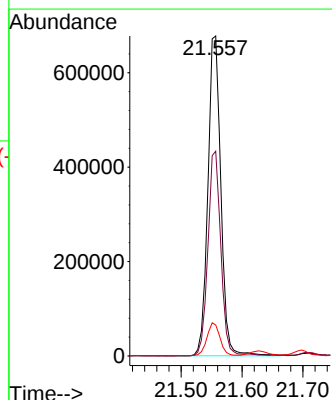
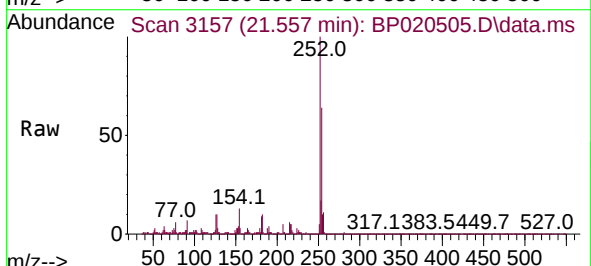
Tgt Ion:252 Resp: 1003501

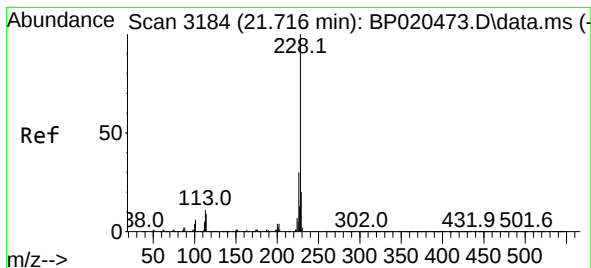
Ion Ratio Lower Upper

252 100

254 64.0 51.7 77.5

126 9.7 8.3 12.5





#83

Chrysene

Concen: 58.823 ng

RT: 21.698 min Scan# 3181

Delta R.T. -0.018 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-223MS

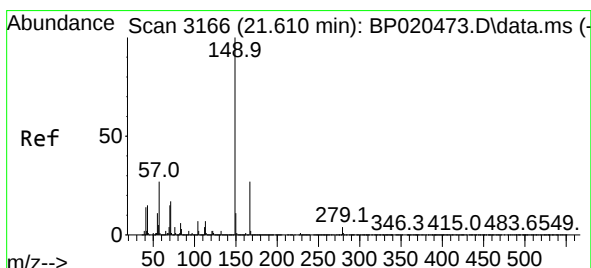
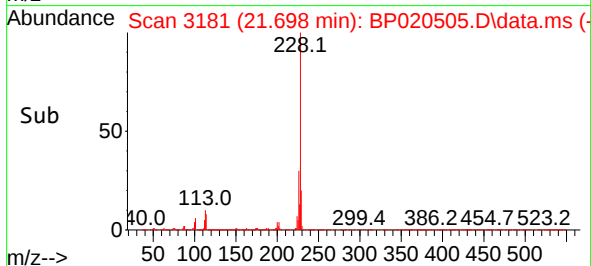
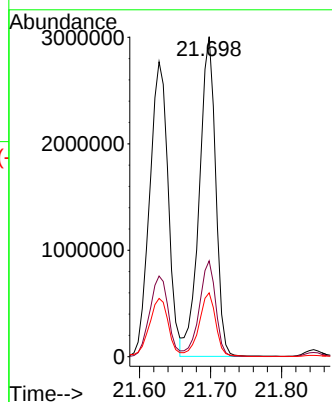
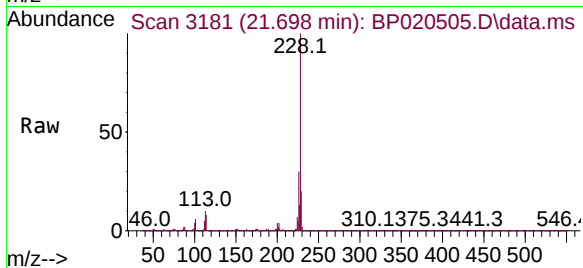
Tgt Ion:228 Resp: 4825494

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.541 ng

RT: 21.586 min Scan# 3162

Delta R.T. -0.024 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

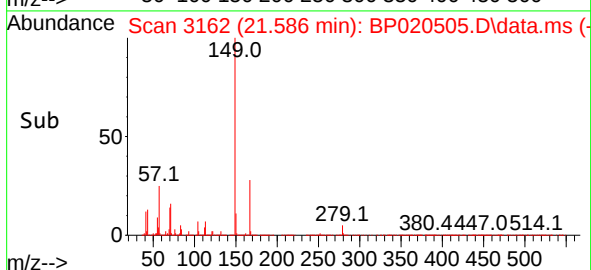
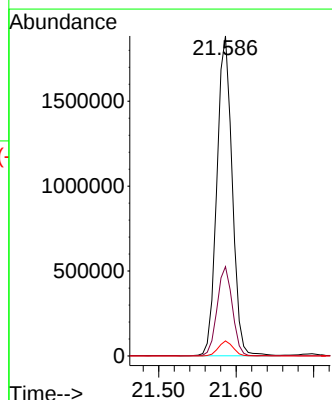
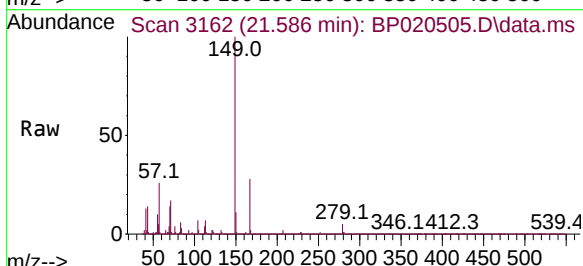
Tgt Ion:149 Resp: 2577660

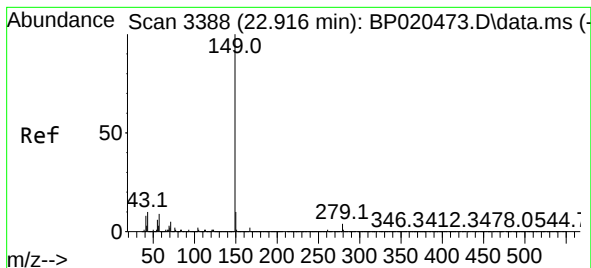
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

279 4.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 54.211 ng

RT: 22.880 min Scan# 31

Delta R.T. -0.036 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-223MS

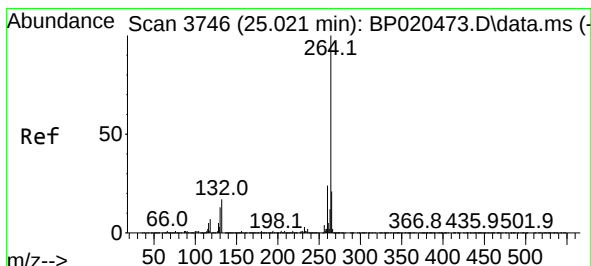
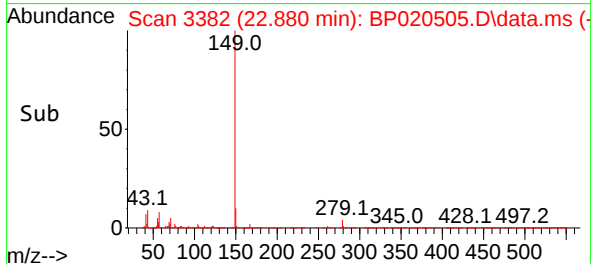
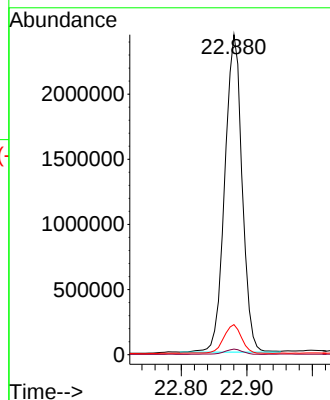
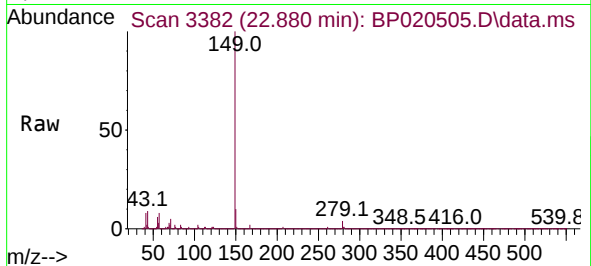
Tgt Ion:149 Resp: 4459807

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 9.5 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 3740

Delta R.T. -0.035 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

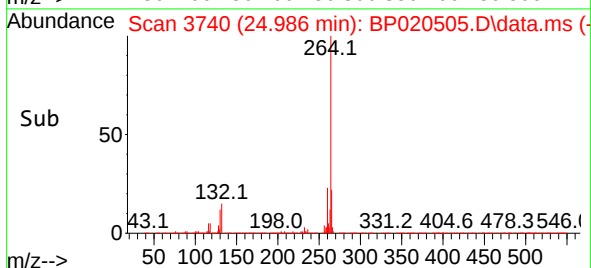
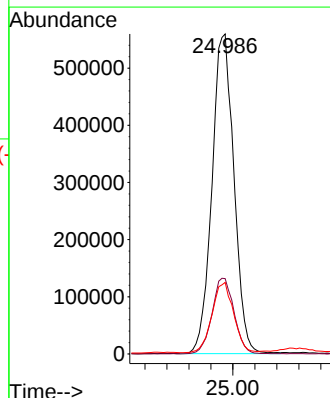
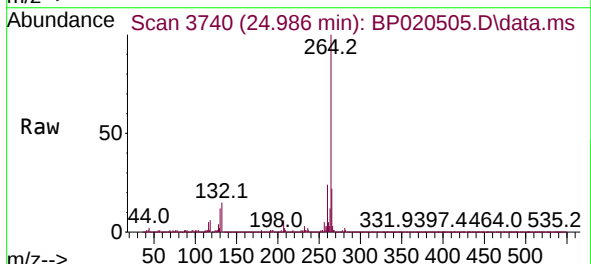
Tgt Ion:264 Resp: 1552492

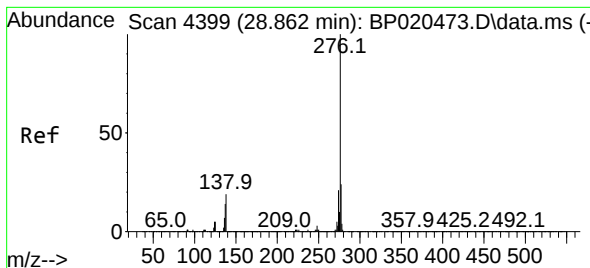
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.017 ng

RT: 28.792 min Scan# 41

Delta R.T. -0.071 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-223MS

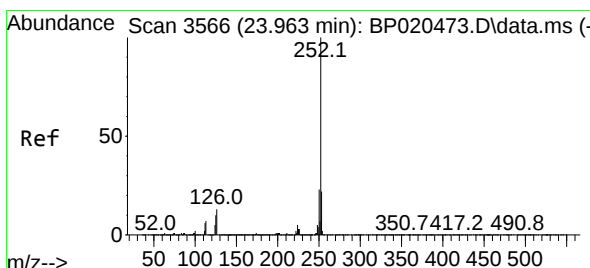
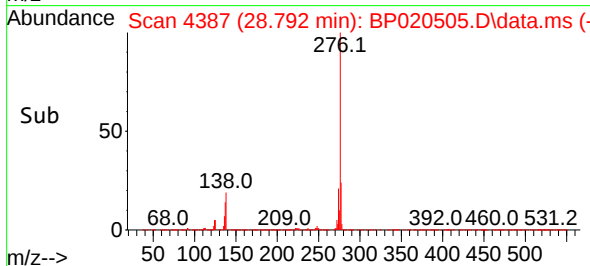
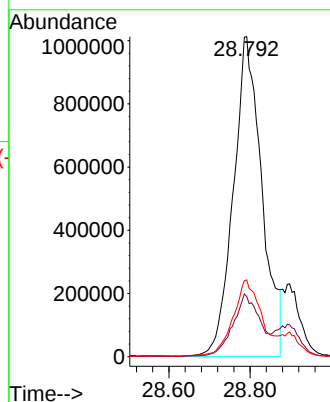
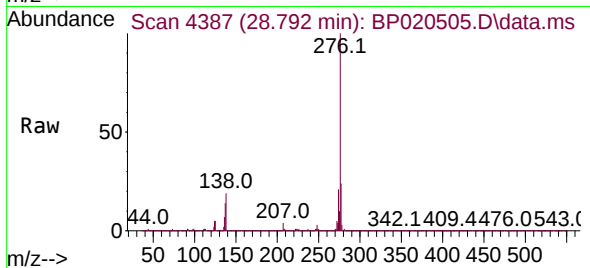
Tgt Ion:276 Resp: 4910758

Ion Ratio Lower Upper

276 100

138 18.5 12.8 19.2

277 24.0 15.6 23.4#



#88

Benzo(b)fluoranthene

Concen: 55.934 ng

RT: 23.939 min Scan# 3562

Delta R.T. -0.024 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

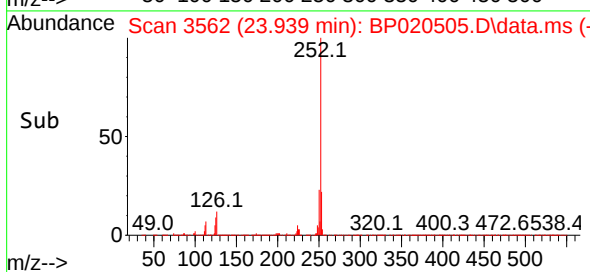
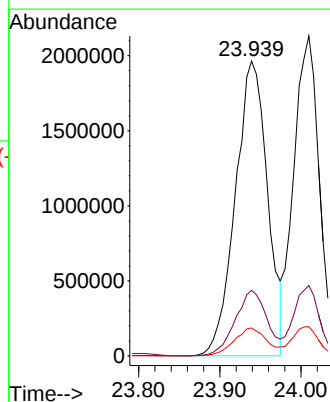
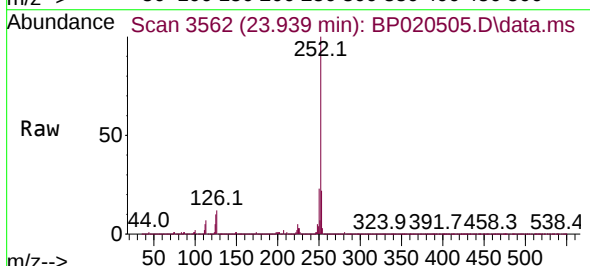
Tgt Ion:252 Resp: 5409797

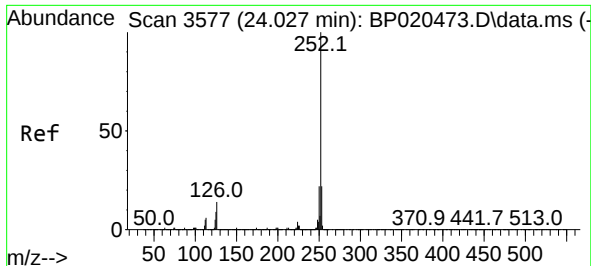
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 49.388 ng

RT: 24.010 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-223MS

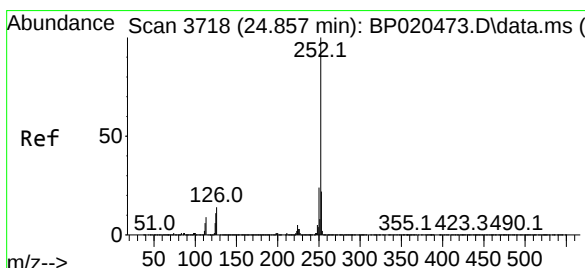
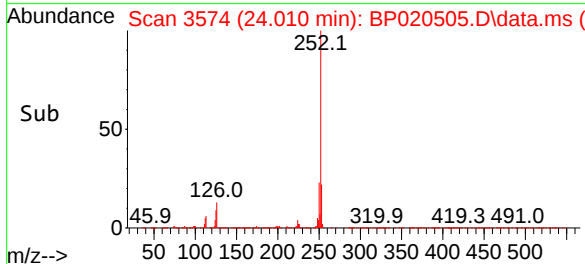
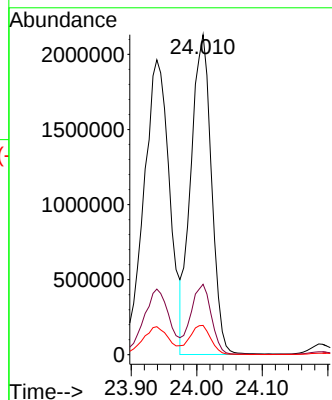
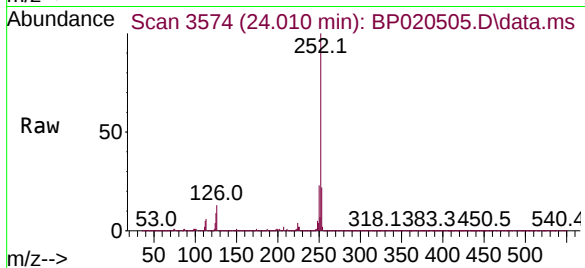
Tgt Ion:252 Resp: 4658791

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.1 7.8 11.6



#90

Benzo(a)pyrene

Concen: 59.460 ng

RT: 24.833 min Scan# 3714

Delta R.T. -0.024 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

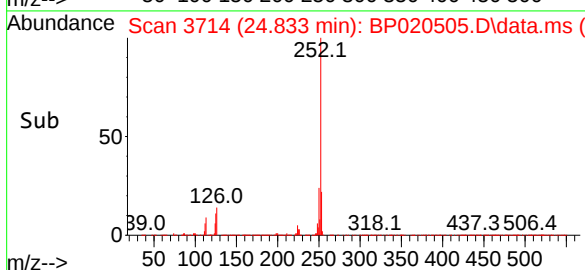
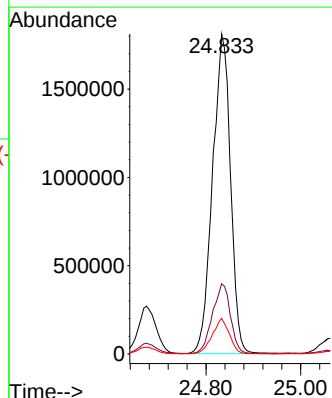
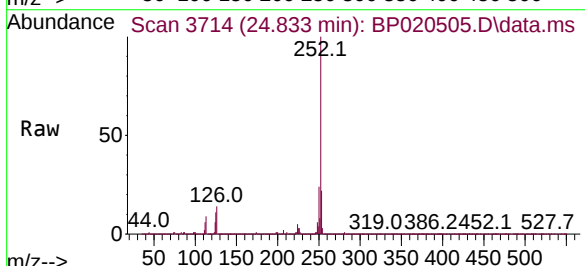
Tgt Ion:252 Resp: 4762728

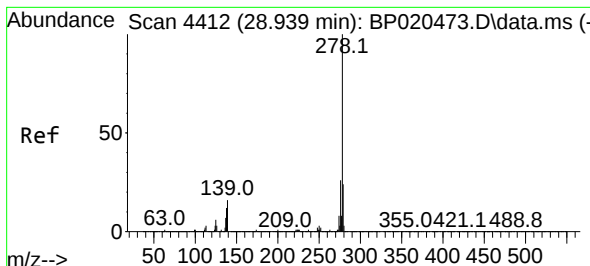
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 11.2 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 51.775 ng

RT: 28.898 min Scan# 4412

Delta R.T. -0.041 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-223MS

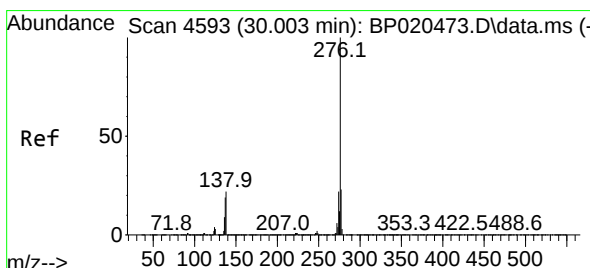
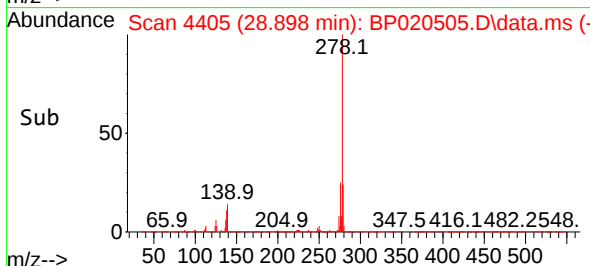
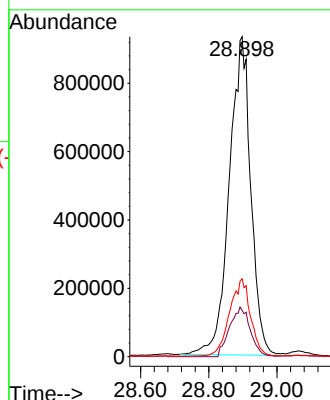
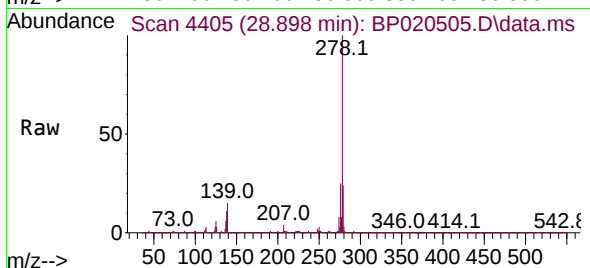
Tgt Ion:278 Resp: 4076939

Ion Ratio Lower Upper

278 100

139 14.5 13.0 19.4

279 24.4 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 56.484 ng

RT: 29.980 min Scan# 4589

Delta R.T. -0.024 min

Lab File: BP020505.D

Acq: 04 Jun 2024 21:10

Tgt Ion:276 Resp: 4445708

Ion Ratio Lower Upper

276 100

277 22.9 18.7 28.1

138 20.6 17.7 26.5

