

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021582.D
 Acq On : 20 Aug 2024 21:44
 Operator : RC/JU
 Sample : P3600-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VCPS-B3-081324-10-18MSD

Quant Time: Aug 21 00:27:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	371100	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1503946	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	933303	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1947798	20.000	ng	0.00
76) Chrysene-d12	21.733	240	1784848	20.000	ng	0.04
86) Perylene-d12	25.174	264	2256543	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2924778	117.028	ng	0.00
7) Phenol-d6	6.969	99	3976204	109.063	ng	0.00
23) Nitrobenzene-d5	8.951	82	2363543	81.116	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1336927	128.708	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3917209	64.055	ng	0.00
79) Terphenyl-d14	19.986	244	5069990	55.185	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	400609	33.806	ng	98
3) Pyridine	3.711	79	1106044	33.434	ng	95
4) n-Nitrosodimethylamine	3.616	42	408846	41.118	ng	93
6) Aniline	7.128	93	1294336	35.512	ng	97
8) 2-Chlorophenol	7.375	128	1198590	51.896	ng	93
9) Benzaldehyde	6.946	77	833178	35.693	ng	89
10) Phenol	6.999	94	1772187	46.941	ng	97
11) bis(2-Chloroethyl)ether	7.228	93	1332862	41.723	ng	96
12) 1,3-Dichlorobenzene	7.693	146	1210301	44.117	ng	97
13) 1,4-Dichlorobenzene	7.840	146	1242840	44.865	ng	98
14) 1,2-Dichlorobenzene	8.157	146	1199269	44.924	ng	98
15) Benzyl Alcohol	8.034	79	1225089	46.833	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1277852	43.437	ng	96
17) 2-Methylphenol	8.240	107	1147408	48.075	ng	98
18) Hexachloroethane	8.887	117	512887	46.170	ng	97
19) n-Nitroso-di-n-propyla...	8.604	70	932961	37.046	ng	# 94
20) 3+4-Methylphenols	8.563	107	1593306	49.509	ng	98
22) Acetophenone	8.616	105	1993608	43.149	ng	99
24) Nitrobenzene	8.993	77	1437428	45.421	ng	93
25) Isophorone	9.522	82	2776986	40.342	ng	97
26) 2-Nitrophenol	9.704	139	585280	63.028	ng	94
27) 2,4-Dimethylphenol	9.763	122	1000832	58.914	ng	98
28) bis(2-Chloroethoxy)met...	9.998	93	1765266	42.011	ng	100
29) 2,4-Dichlorophenol	10.240	162	1092489	54.429	ng	100
30) 1,2,4-Trichlorobenzene	10.457	180	1131351	43.965	ng	99
31) Naphthalene	10.645	128	3583812	45.615	ng	100
32) Benzoic acid	9.904	122	857225	66.460	ng	91
33) 4-Chloroaniline	10.745	127	683474	23.159	ng	96
34) Hexachlorobutadiene	10.940	225	722597	44.598	ng	98
35) Caprolactam	11.528	113	425204	50.895	ng	89
36) 4-Chloro-3-methylphenol	11.875	107	1400298	50.293	ng	96
37) 2-Methylnaphthalene	12.257	142	2436845	45.445	ng	100
38) 1-Methylnaphthalene	12.481	142	2295463	43.405	ng	99
40) 1,2,4,5-Tetrachloroben...	12.628	216	1271389	46.493	ng	99
41) Hexachlorocyclopentadiene	12.616	237	1245909	143.754	ng	99
43) 2,4,6-Trichlorophenol	12.869	196	884581	58.233	ng	98

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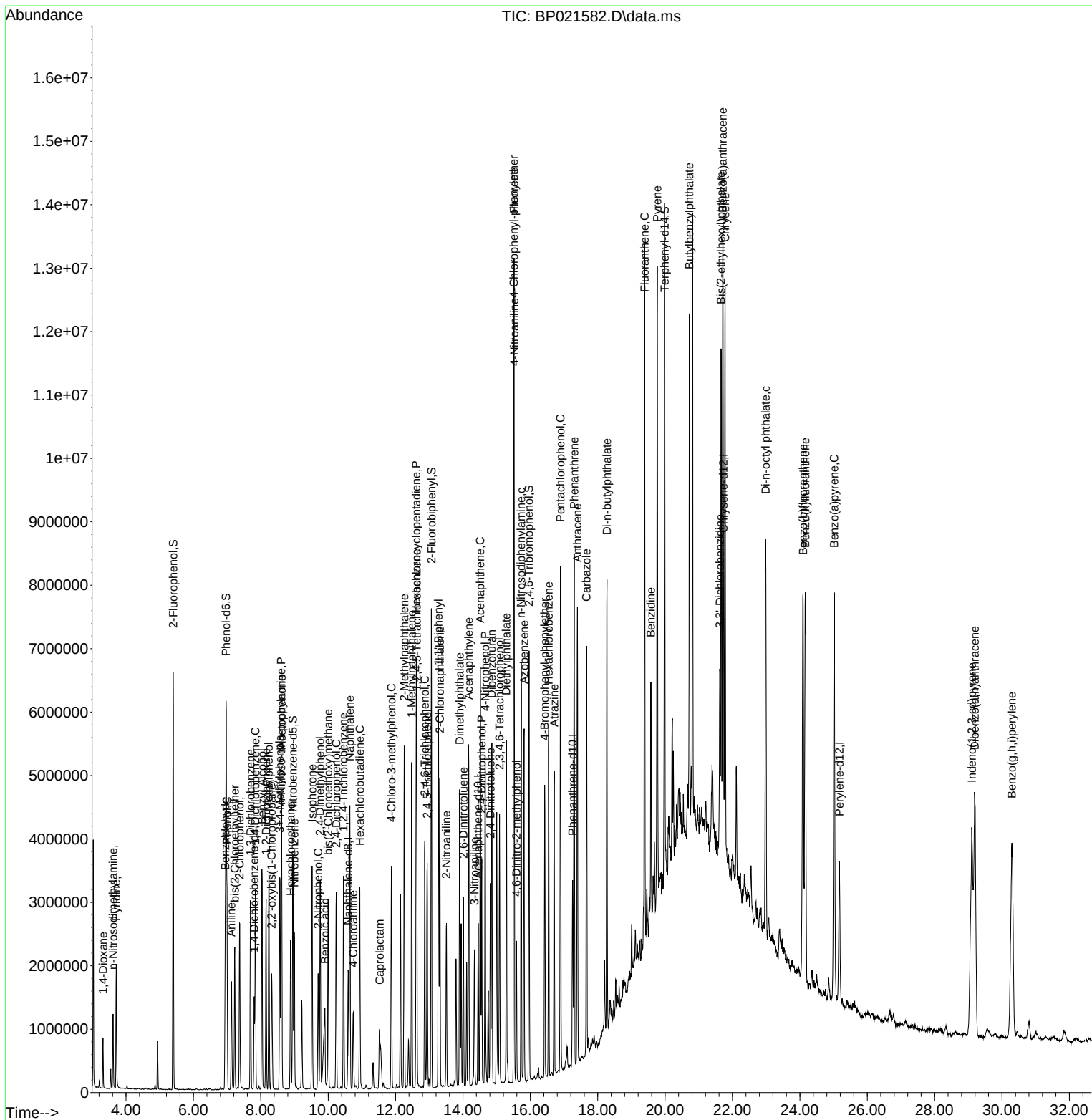
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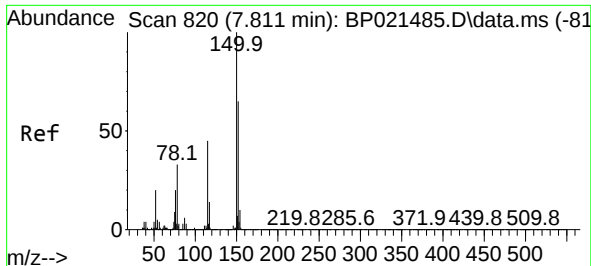
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	961181	56.952	ng	97
46) 1,1'-Biphenyl	13.275	154	3088660	46.775	ng	97
47) 2-Chloronaphthalene	13.316	162	2418381	47.042	ng	99
48) 2-Nitroaniline	13.510	65	797644	54.571	ng	# 84
49) Acenaphthylene	14.169	152	3827274	50.644	ng	99
50) Dimethylphthalate	13.904	163	2984173	47.745	ng	99
51) 2,6-Dinitrotoluene	14.016	165	651899	51.391	ng	87
52) Acenaphthene	14.516	154	2397570	48.352	ng	100
53) 3-Nitroaniline	14.339	138	502663	41.166	ng	# 92
54) 2,4-Dinitrophenol	14.557	184	675116	120.772	ng	90
55) Dibenzofuran	14.857	168	3681031	48.257	ng	100
56) 4-Nitrophenol	14.657	139	1240294	117.133	ng	88
57) 2,4-Dinitrotoluene	14.816	165	921305	56.457	ng	85
58) Fluorene	15.516	166	2894140	46.184	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	851395	59.434	ng	# 99
60) Diethylphthalate	15.286	149	3039566	47.397	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	1450856	44.790	ng	99
62) 4-Nitroaniline	15.522	138	666457	52.040	ng	94
63) Azobenzene	15.816	77	3318867	42.101	ng	95
65) 4,6-Dinitro-2-methylph...	15.586	198	456728	67.543	ng	99
66) n-Nitrosodiphenylamine	15.728	169	2565244	49.144	ng	100
67) 4-Bromophenyl-phenylether	16.428	248	968995	47.005	ng	98
68) Hexachlorobenzene	16.545	284	1122191	46.064	ng	99
69) Atrazine	16.710	200	961739	53.665	ng	99
70) Pentachlorophenol	16.892	266	1502310	112.984	ng	99
71) Phenanthrene	17.304	178	5146623	54.942	ng	99
72) Anthracene	17.398	178	4761853	51.834	ng	100
73) Carbazole	17.669	167	4430077	50.037	ng	99
74) Di-n-butylphthalate	18.275	149	5320273	48.930	ng	100
75) Fluoranthene	19.392	202	6042127	52.569	ng	99
77) Benzidine	19.580	184	2139580	53.212	ng	99
78) Pyrene	19.769	202	6157730	52.783	ng	99
80) Butylbenzylphthalate	20.721	149	2408535	53.917	ng	94
81) Benzo(a)anthracene	21.710	228	5996120	53.515	ng	98
82) 3,3'-Dichlorobenzidine	21.627	252	1144621	31.862	ng	99
83) Chrysene	21.780	228	5712730	54.002	ng	100
84) Bis(2-ethylhexyl)phtha...	21.663	149	3658348	55.243	ng	100
85) Di-n-octyl phthalate	22.986	149	6642041	56.180	ng	97
87) Indeno(1,2,3-cd)pyrene	29.103	276	7016106	47.966	ng	94
88) Benzo(b)fluoranthene	24.098	252	6613372	51.030	ng	100
89) Benzo(k)fluoranthene	24.162	252	6162027	48.741	ng	99
90) Benzo(a)pyrene	25.021	252	6162757	54.797	ng	99
91) Dibenzo(a,h)anthracene	29.192	278	6365123	52.372	ng	99
92) Benzo(g,h,i)perylene	30.292	276	6120815	50.247	ng	98

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

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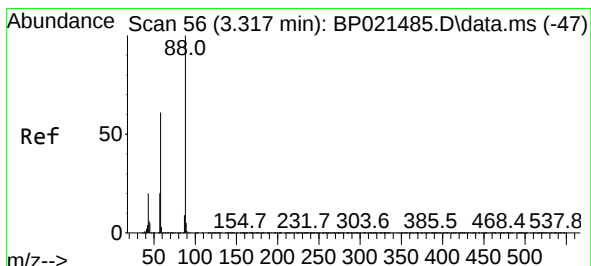
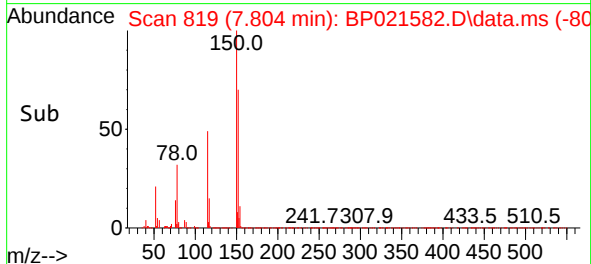
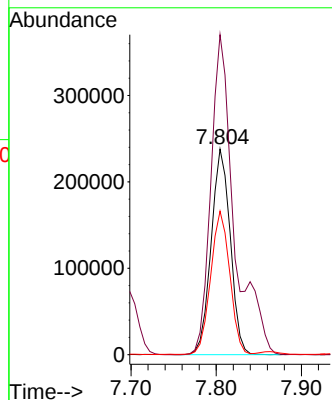
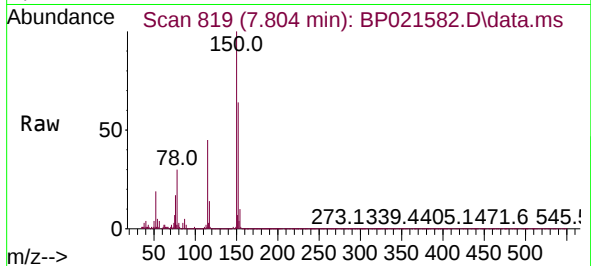




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.007 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

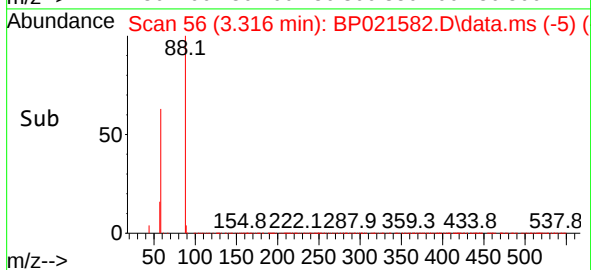
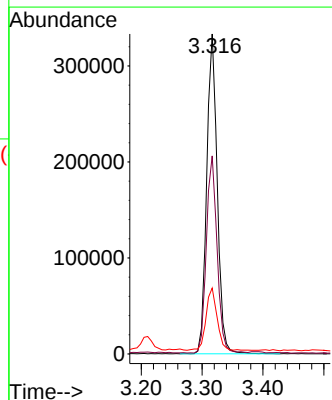
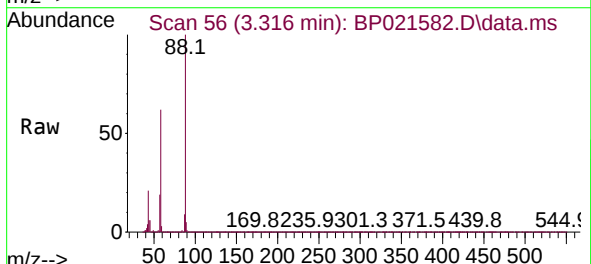
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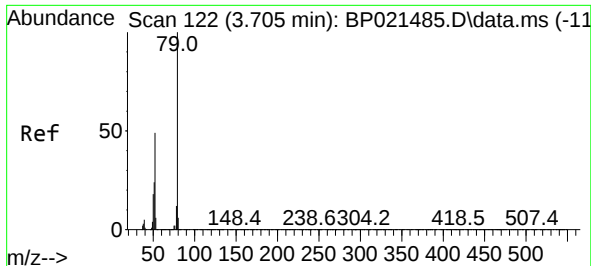
Tgt Ion:152 Resp: 371100
Ion Ratio Lower Upper
152 100
150 155.6 122.4 183.6
115 69.8 54.7 82.1



#2
1,4-Dioxane
Concen: 33.806 ng
RT: 3.316 min Scan# 56
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion: 88 Resp: 400609
Ion Ratio Lower Upper
88 100
58 62.7 48.7 73.1
43 20.2 15.4 23.2

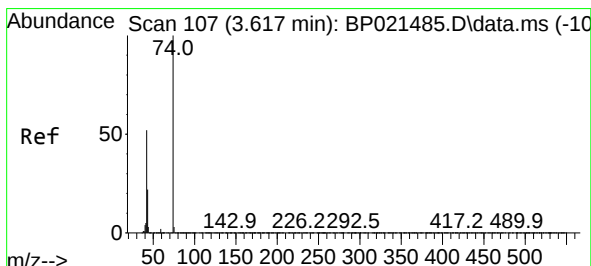
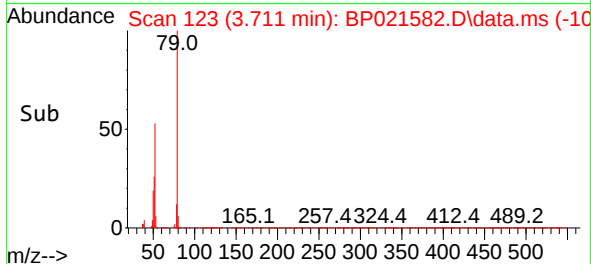
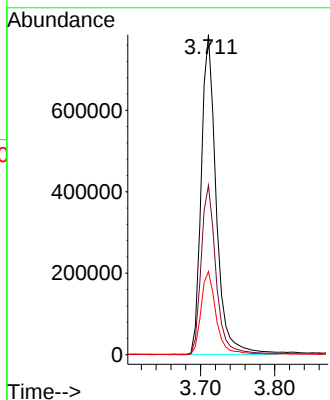
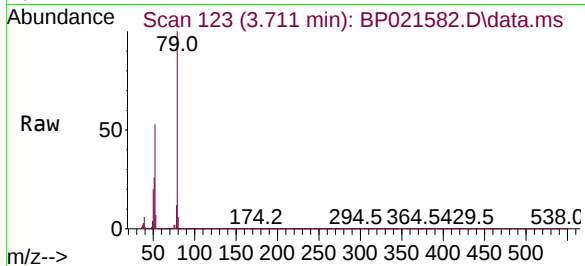




#3
Pyridine
Concen: 33.434 ng
RT: 3.711 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

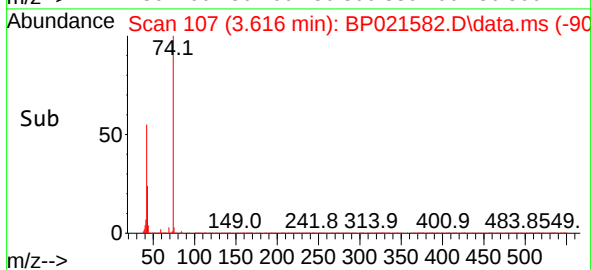
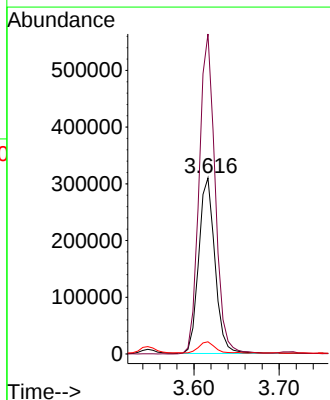
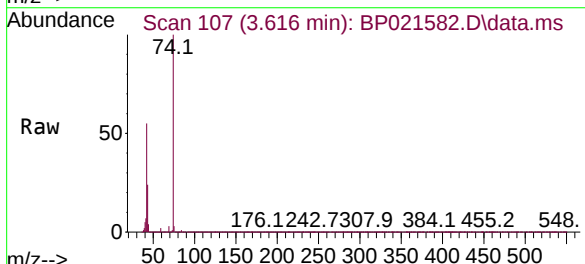
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

Tgt Ion: 79 Resp: 1106044
Ion Ratio Lower Upper
79 100
52 52.9 39.0 58.6
51 26.0 19.2 28.8



#4
n-Nitrosodimethylamine
Concen: 41.118 ng
RT: 3.616 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion: 42 Resp: 408846
Ion Ratio Lower Upper
42 100
74 181.9 154.3 231.5
44 6.9 6.2 9.4

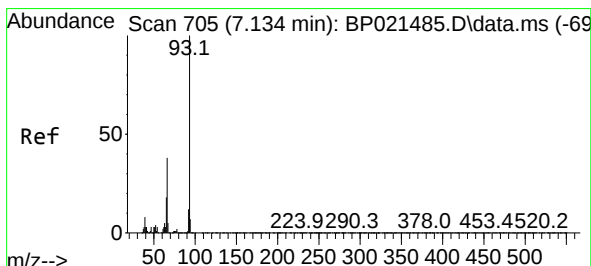
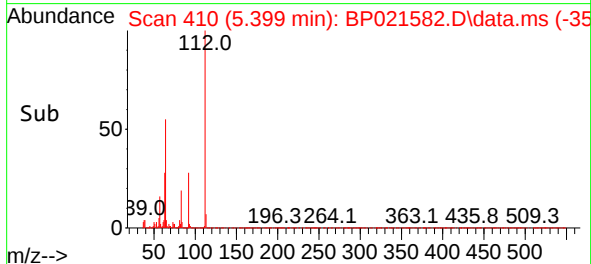
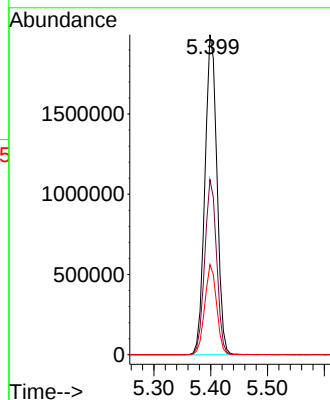
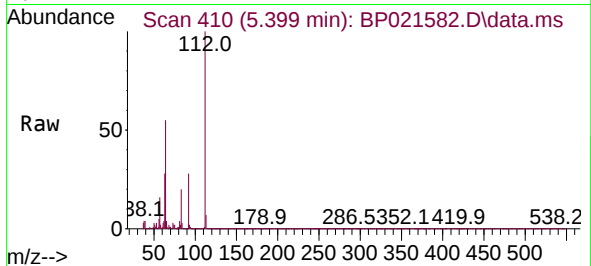




#5
2-Fluorophenol
Concen: 117.028 ng
RT: 5.399 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

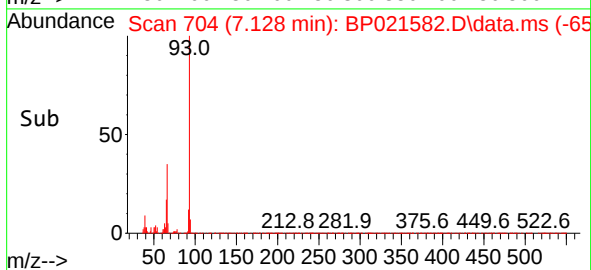
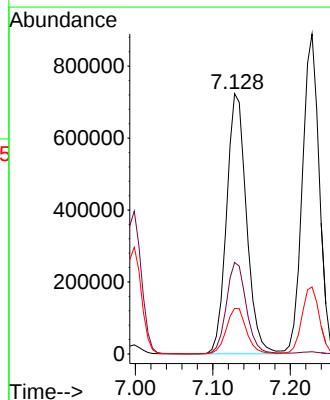
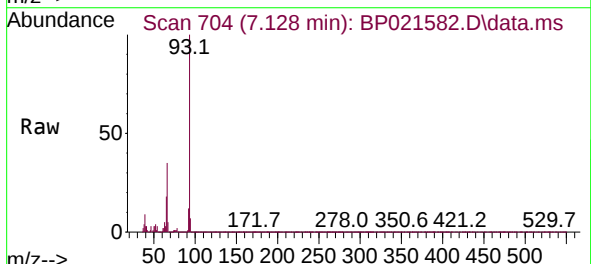
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

Tgt Ion:112 Resp: 2924778
Ion Ratio Lower Upper
112 100
64 54.7 49.0 73.6
63 28.2 24.6 36.8



#6
Aniline
Concen: 35.512 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion: 93 Resp: 1294336
Ion Ratio Lower Upper
93 100
66 35.2 30.2 45.2
65 17.5 14.7 22.1

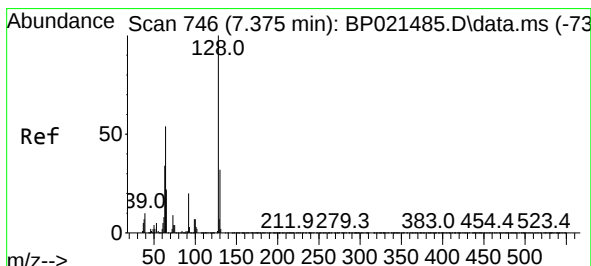
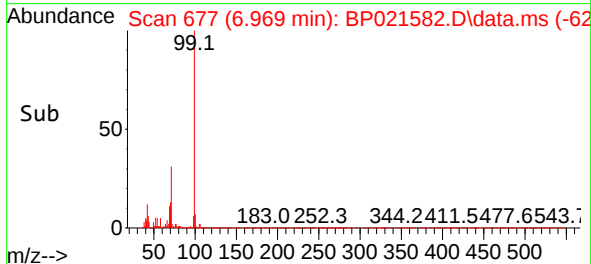
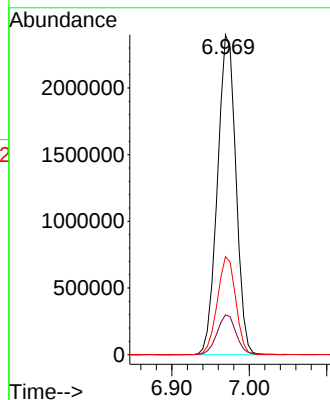
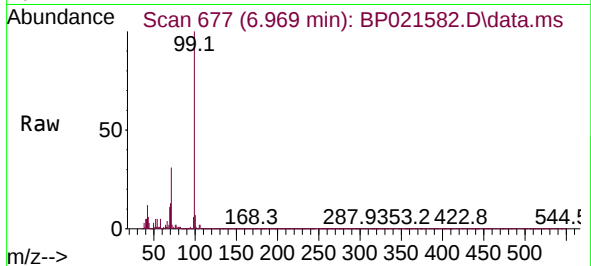




#7
Phenol-d6
Concen: 109.063 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

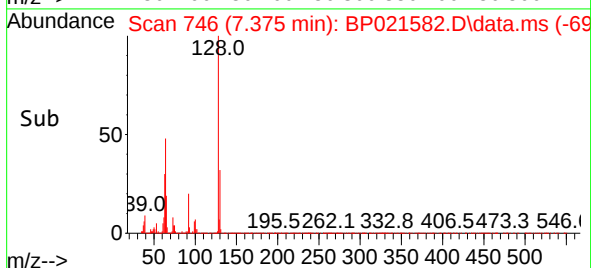
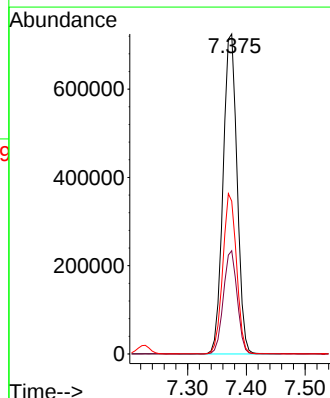
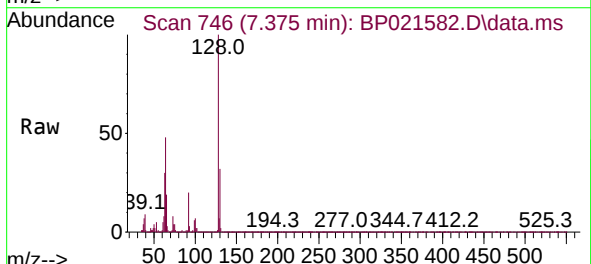
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Tgt Ion: 99 Resp: 3976204
Ion Ratio Lower Upper
99 100
42 12.5 10.2 15.4
71 30.6 25.8 38.8



#8
2-Chlorophenol
Concen: 51.896 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion: 128 Resp: 1198590
Ion Ratio Lower Upper
128 100
130 32.2 11.6 51.6
64 47.8 35.3 75.3

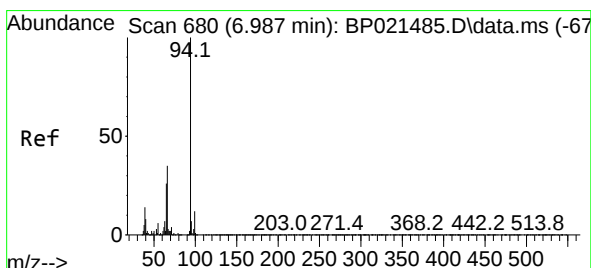
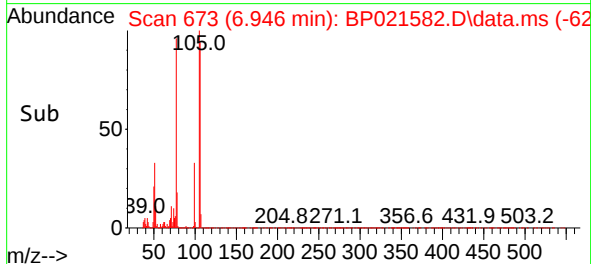
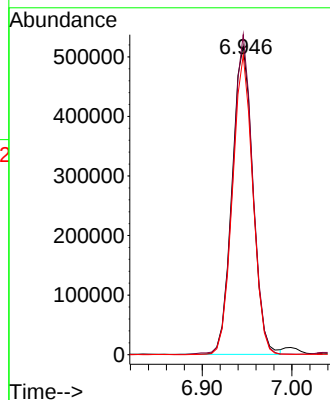
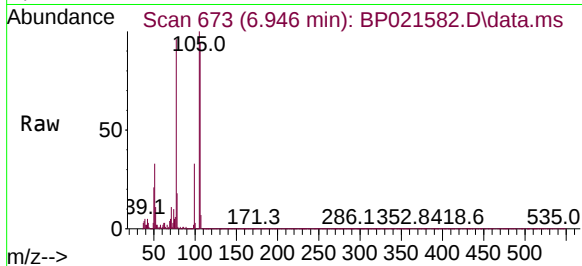




#9
Benzaldehyde
Concen: 35.693 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021582.D
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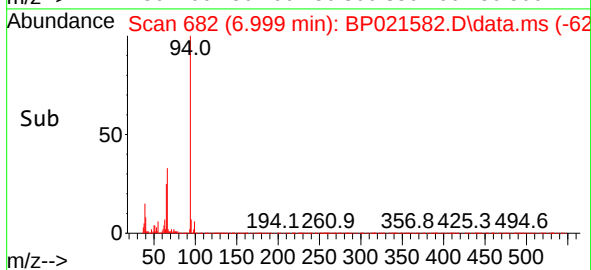
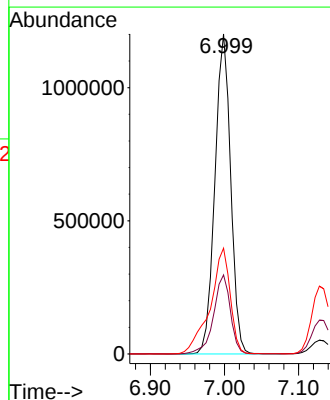
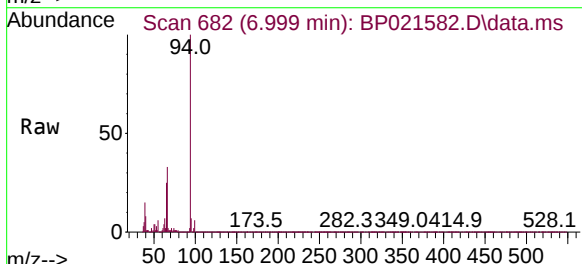
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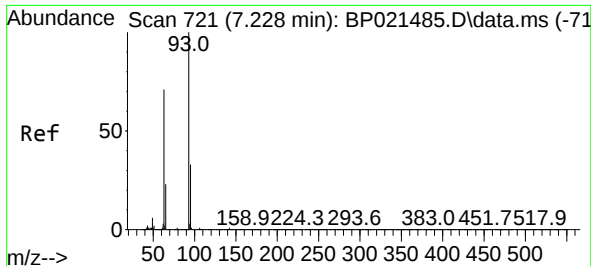
Tgt Ion: 77 Resp: 833178
Ion Ratio Lower Upper
77 100
105 103.7 72.1 112.1
106 97.0 67.9 107.9



#10
Phenol
Concen: 46.941 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP021582.D
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Tgt Ion: 94 Resp: 1772187
Ion Ratio Lower Upper
94 100
65 24.7 6.5 46.5
66 33.1 14.7 54.7

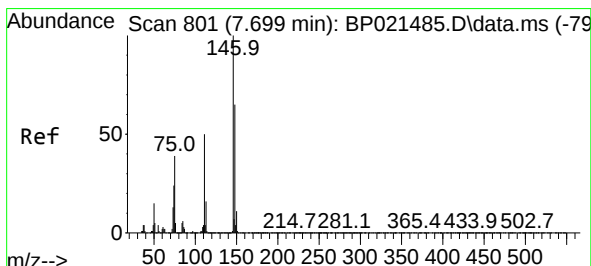
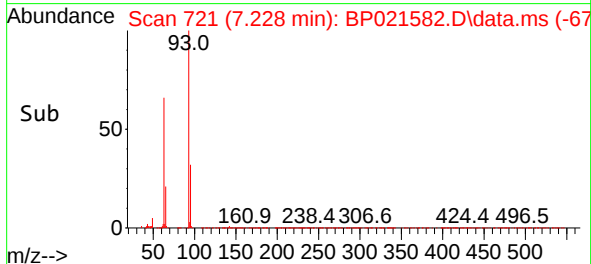
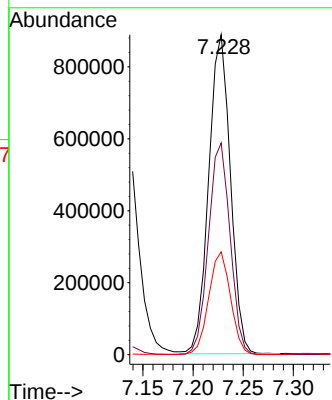
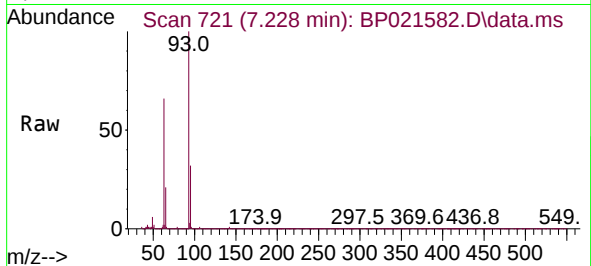




#11
bis(2-Chloroethyl)ether
Concen: 41.723 ng
RT: 7.228 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

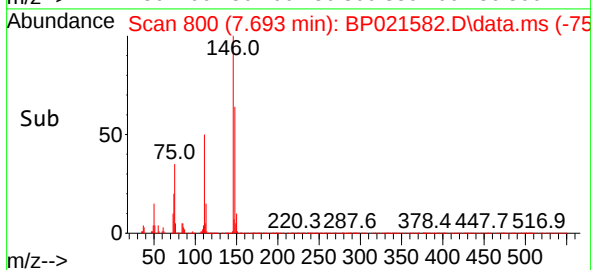
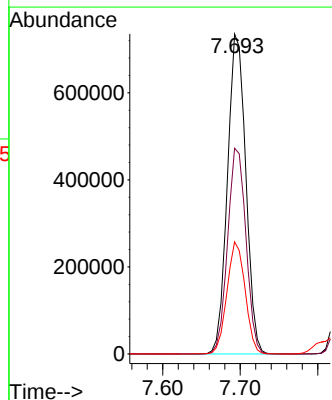
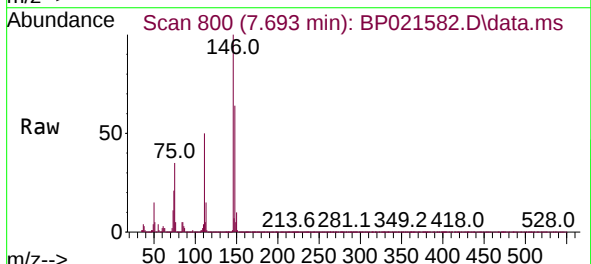
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

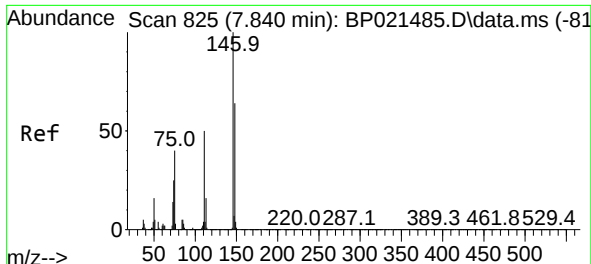
Tgt Ion: 93 Resp: 1332862
Ion Ratio Lower Upper
93 100
63 66.2 51.0 91.0
95 32.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 44.117 ng
RT: 7.693 min Scan# 800
Delta R.T. -0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion:146 Resp: 1210301
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
75 35.1 31.3 46.9

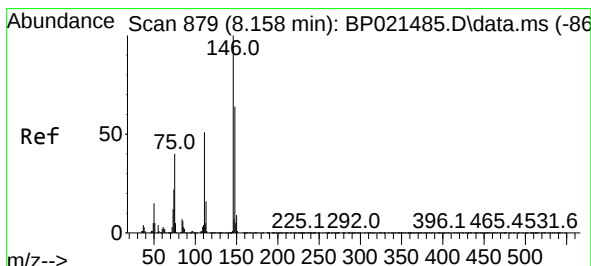
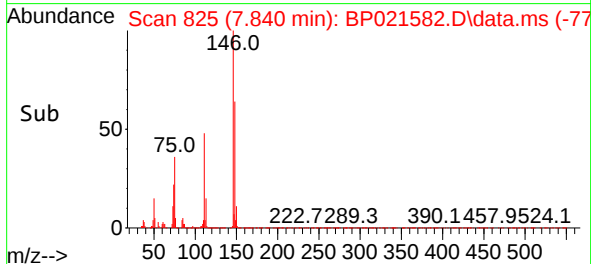
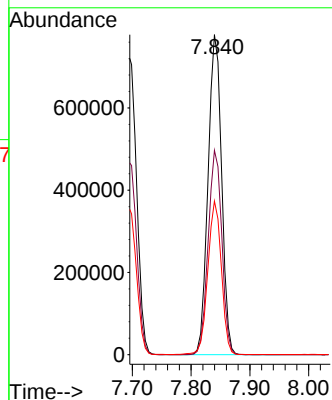
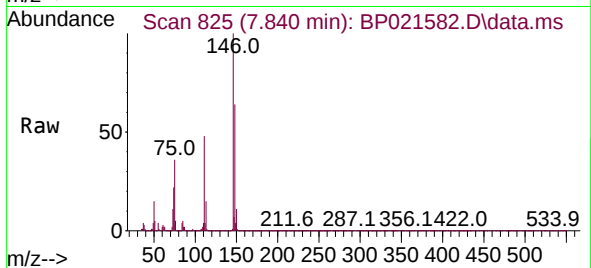




#13
1,4-Dichlorobenzene
Concen: 44.865 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

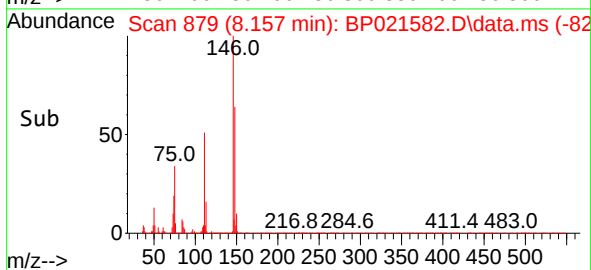
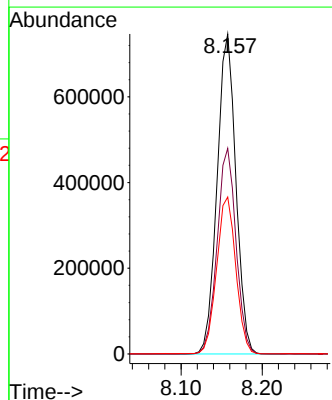
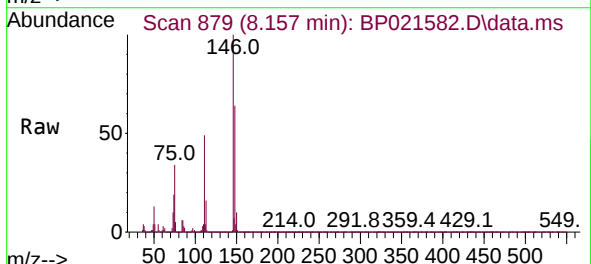
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

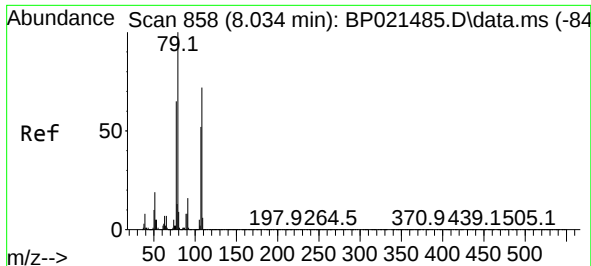
Tgt Ion:146 Resp: 1242840
Ion Ratio Lower Upper
146 100
148 63.8 51.5 77.3
111 48.0 40.3 60.5



#14
1,2-Dichlorobenzene
Concen: 44.924 ng
RT: 8.157 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion:146 Resp: 1199269
Ion Ratio Lower Upper
146 100
148 64.3 51.5 77.3
111 49.1 41.1 61.7

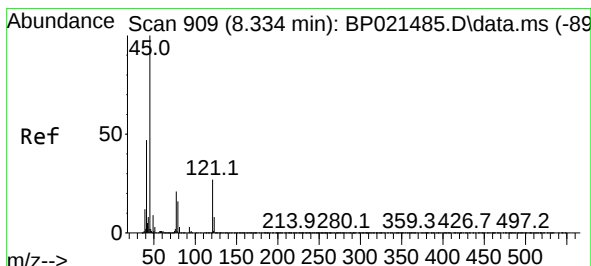
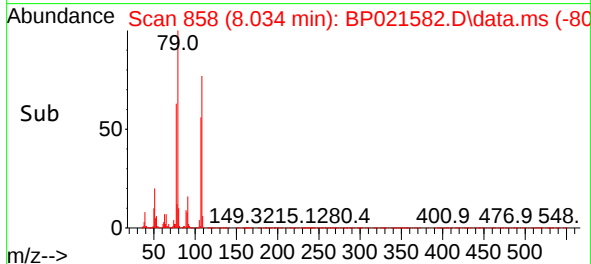
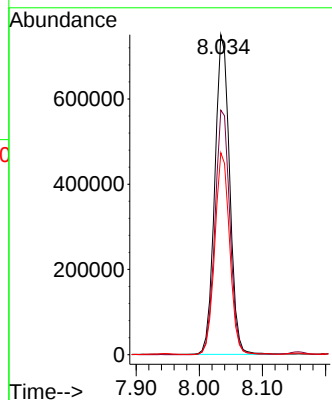
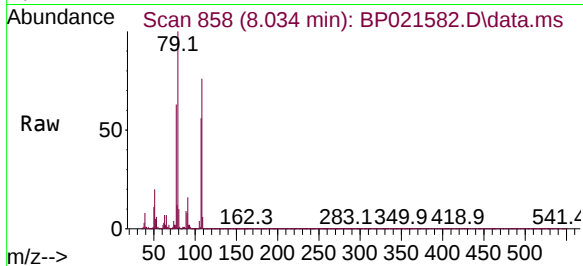




#15
Benzyl Alcohol
Concen: 46.833 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

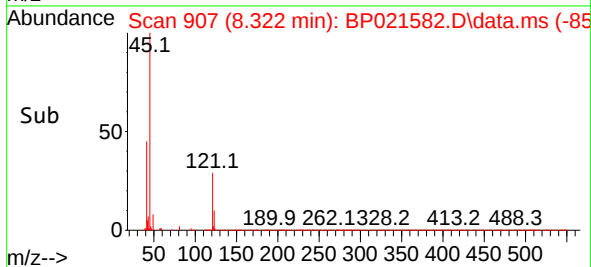
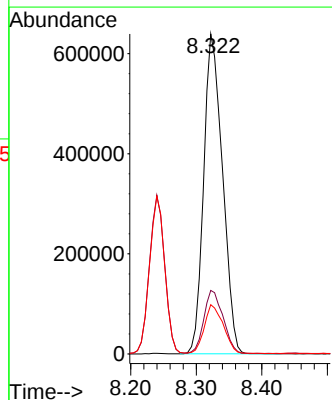
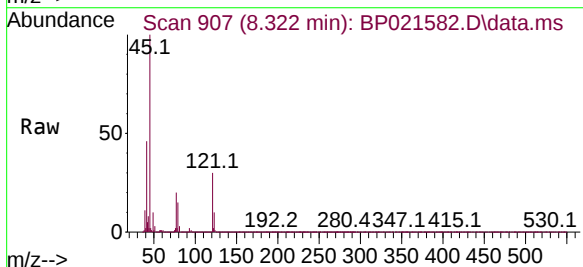
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

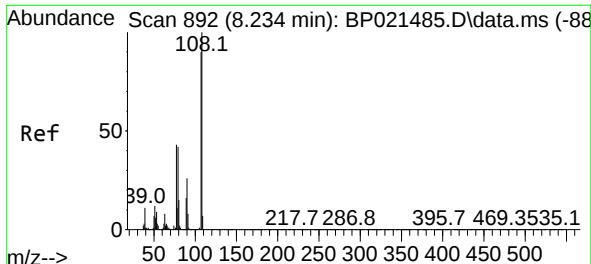
Tgt Ion: 79 Resp: 1225089
Ion Ratio Lower Upper
79 100
108 76.4 57.9 86.9
77 63.1 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.437 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion: 45 Resp: 1277852
Ion Ratio Lower Upper
45 100
77 19.8 1.9 41.9
79 15.4 0.0 36.6



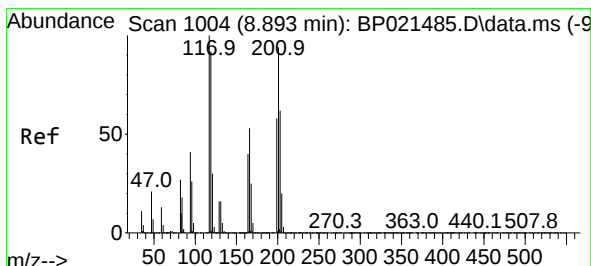
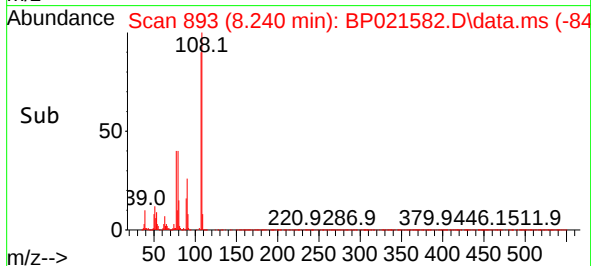
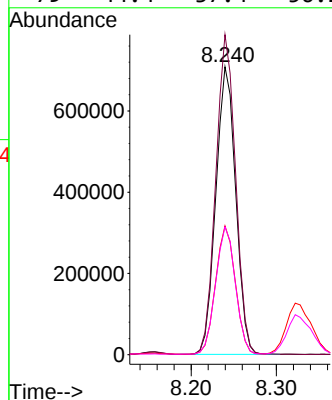
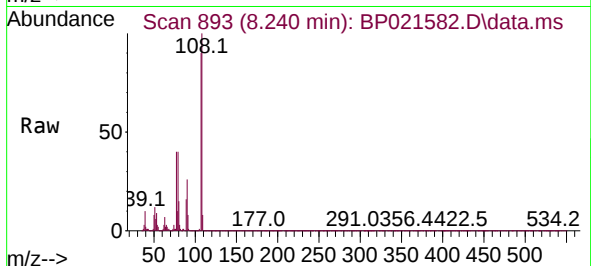


#17
2-Methylphenol
Concen: 48.075 ng
RT: 8.240 min Scan# 892
Delta R.T. 0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

Tgt Ion:107 Resp: 1147408

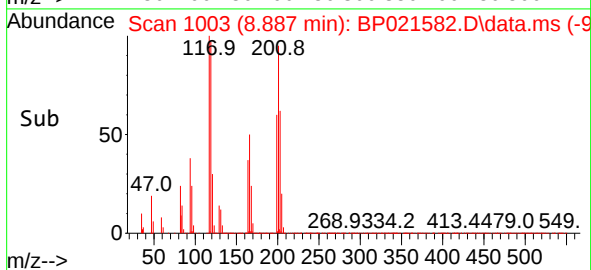
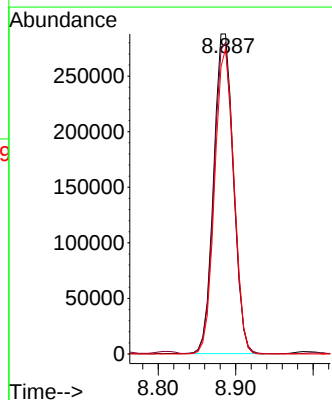
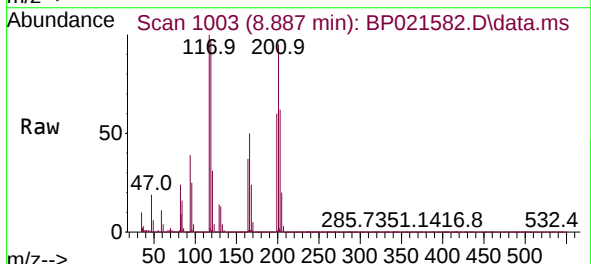
Ion	Ratio	Lower	Upper
107	100		
108	111.1	88.8	133.2
77	44.7	38.7	58.1
79	44.4	37.4	56.2



#18
Hexachloroethane
Concen: 46.170 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion:117 Resp: 512887

Ion	Ratio	Lower	Upper
117	100		
119	97.2	73.9	110.9
201	95.3	74.9	112.3

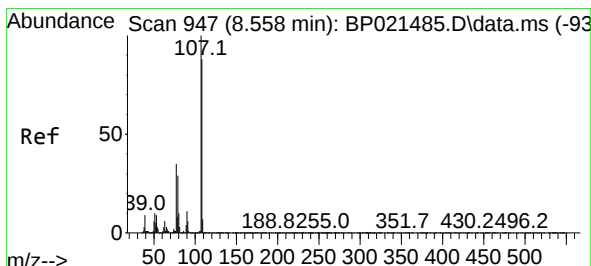
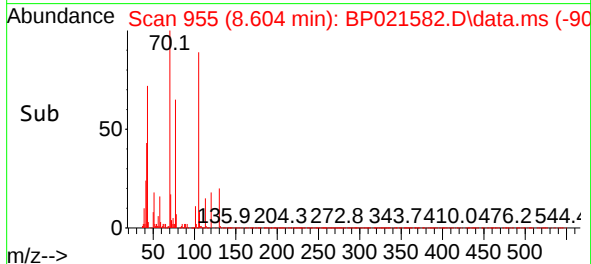
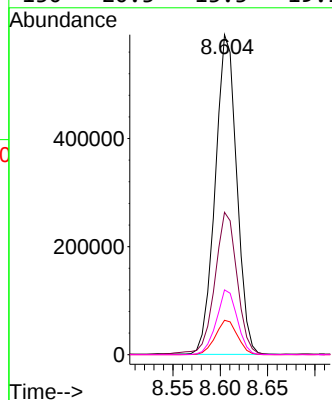
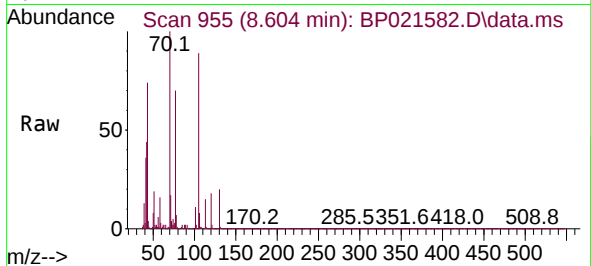




#19
n-Nitroso-di-n-propylamine
Concen: 37.046 ng
RT: 8.604 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

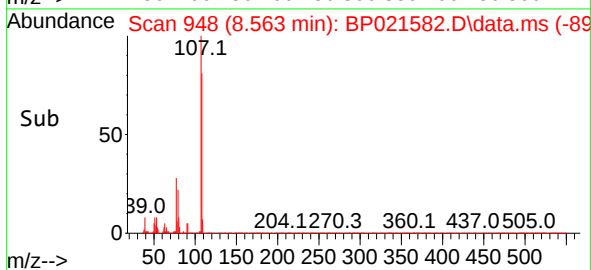
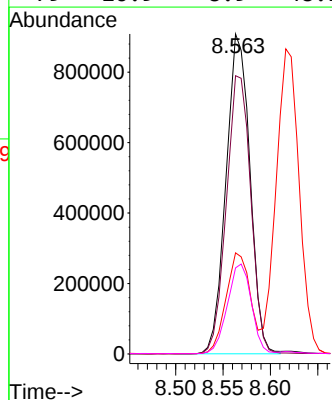
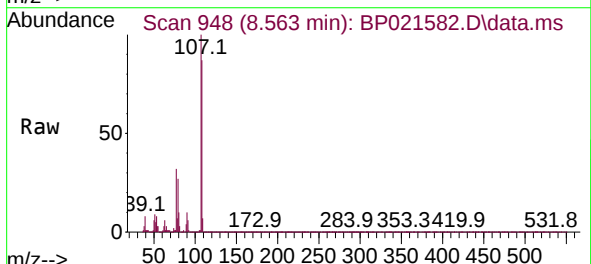
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

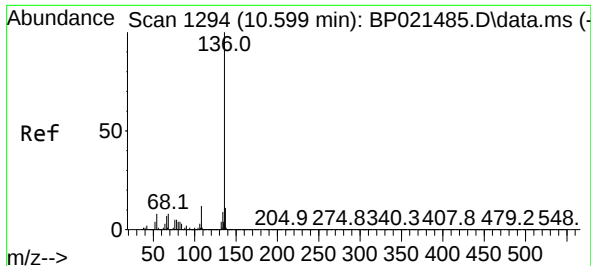
Tgt Ion: 70 Resp: 932961
Ion Ratio Lower Upper
70 100
42 44.5 33.1 49.7
101 10.8 7.4 11.2
130 20.3 13.3 19.9#



#20
3+4-Methylphenols
Concen: 49.509 ng
RT: 8.563 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion: 107 Resp: 1593306
Ion Ratio Lower Upper
107 100
108 87.0 67.6 107.6
77 31.6 15.0 55.0
79 26.9 8.9 48.9

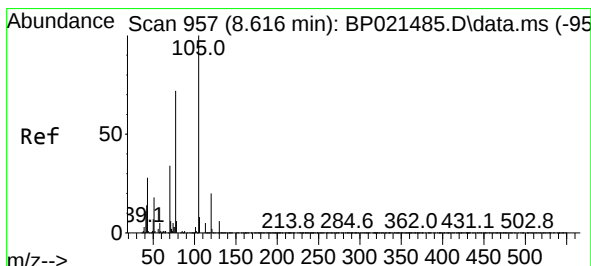
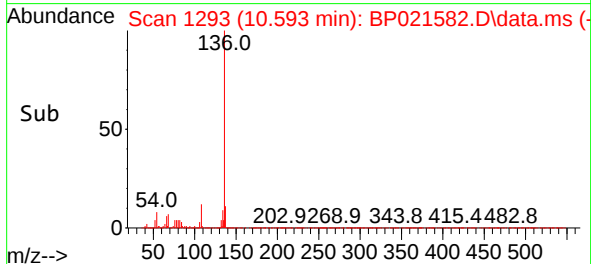
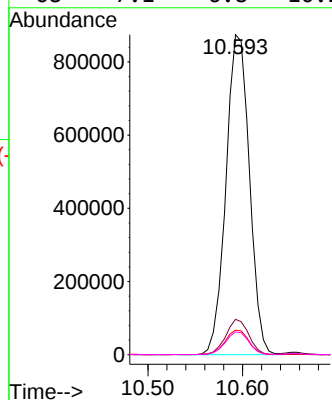
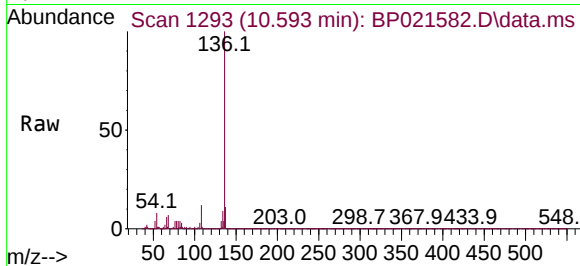




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

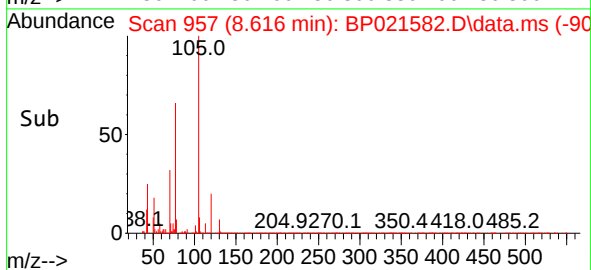
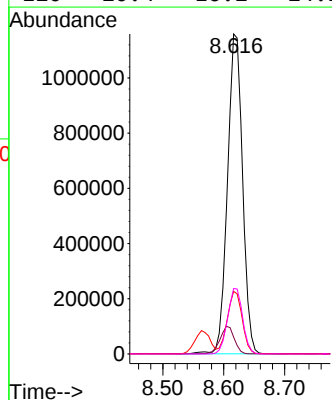
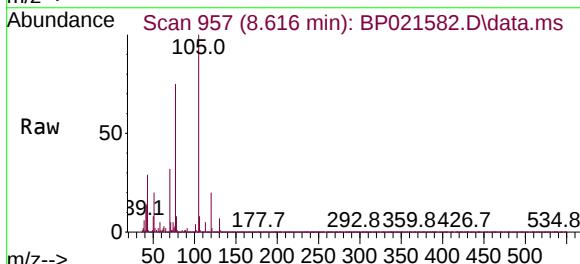
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

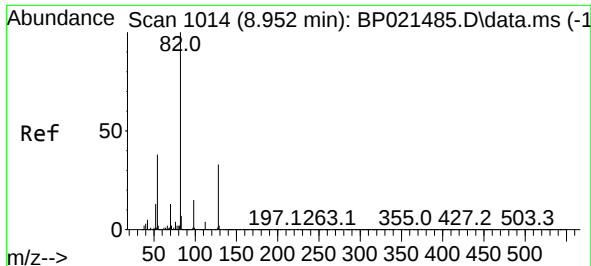
Tgt Ion:136 Resp: 1503946
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 6.3 9.5
68 7.1 6.8 10.2



#22
Acetophenone
Concen: 43.149 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion:105 Resp: 1993608
Ion Ratio Lower Upper
105 100
71 5.3 4.6 7.0
51 19.6 16.3 24.5
120 20.4 16.2 24.2

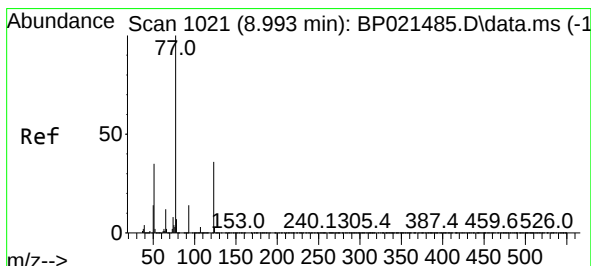
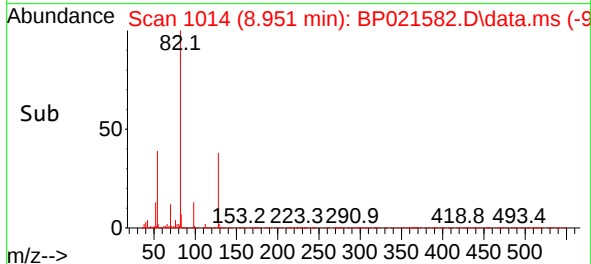
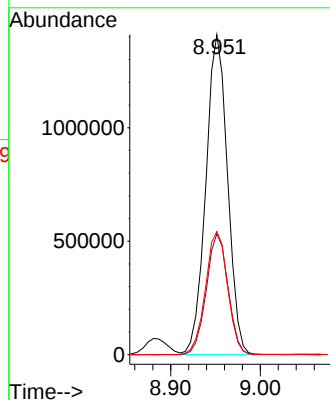
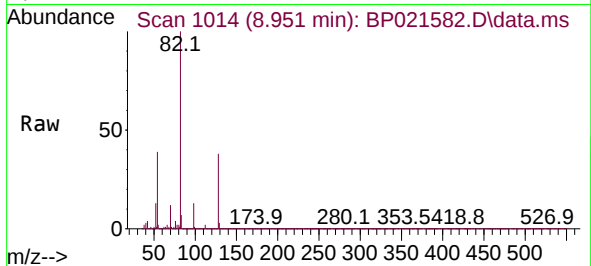




#23
Nitrobenzene-d5
Concen: 81.116 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

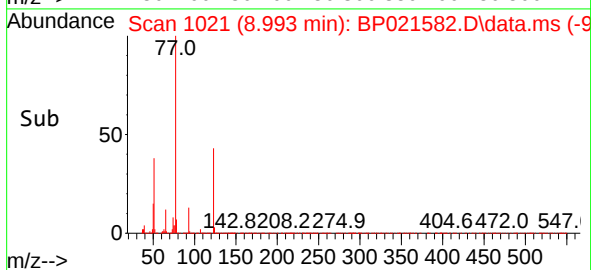
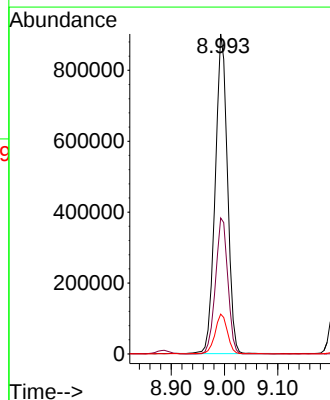
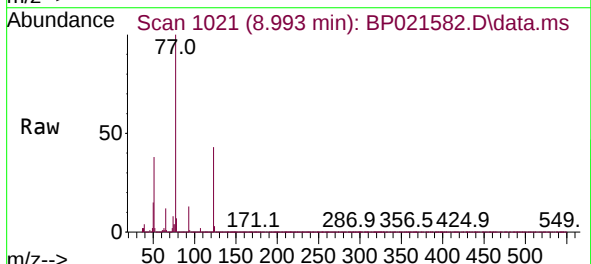
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

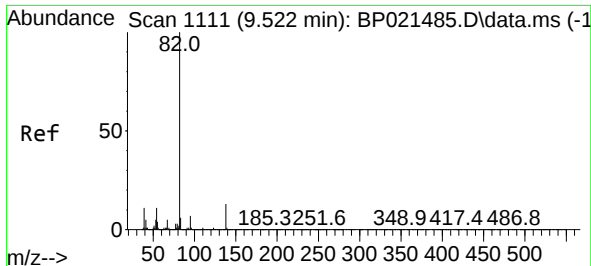
Tgt Ion: 82 Resp: 2363543
Ion Ratio Lower Upper
82 100
128 37.8 26.5 39.7
54 38.5 30.3 45.5



#24
Nitrobenzene
Concen: 45.421 ng
RT: 8.993 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion: 77 Resp: 1437428
Ion Ratio Lower Upper
77 100
123 42.5 29.5 44.3
65 12.5 9.9 14.9

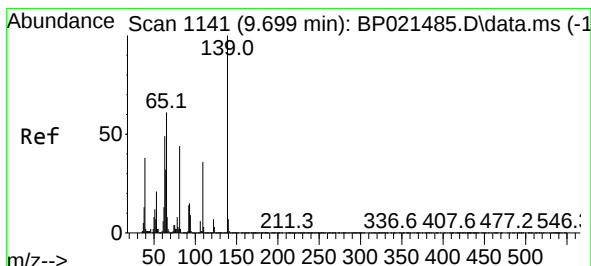
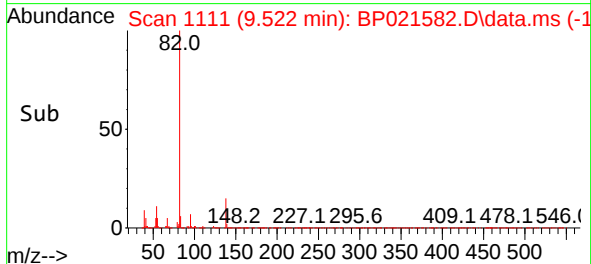
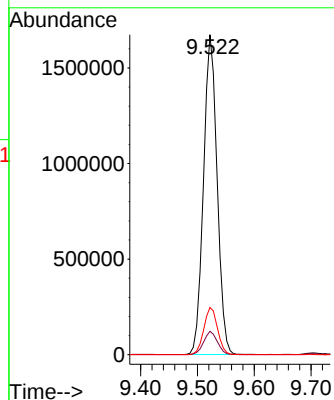
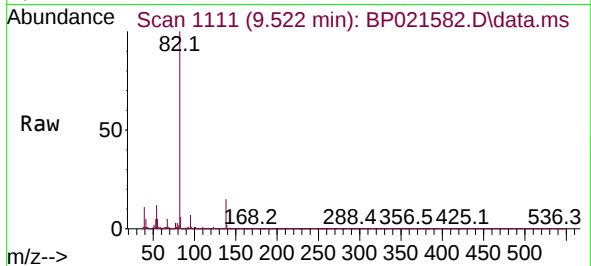




#25
Isophorone
Concen: 40.342 ng
RT: 9.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

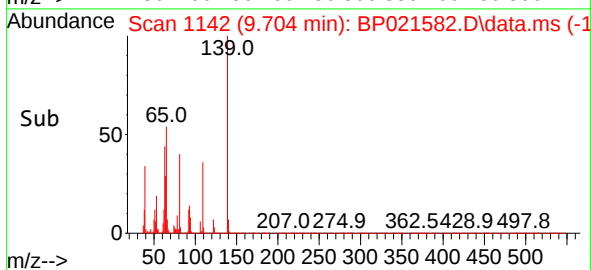
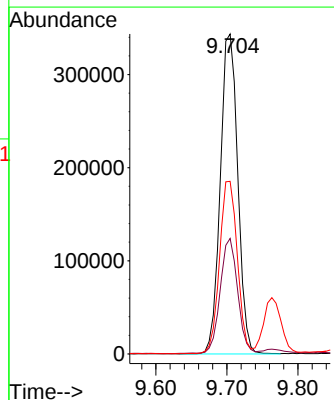
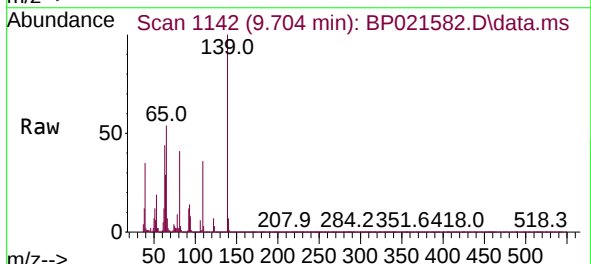
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

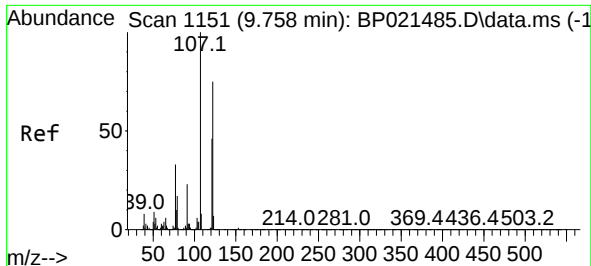
Tgt Ion: 82 Resp: 2776986
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.2
138 14.8 10.6 16.0



#26
2-Nitrophenol
Concen: 63.028 ng
RT: 9.704 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion: 139 Resp: 585280
Ion Ratio Lower Upper
139 100
109 36.1 28.9 43.3
65 54.0 49.0 73.6

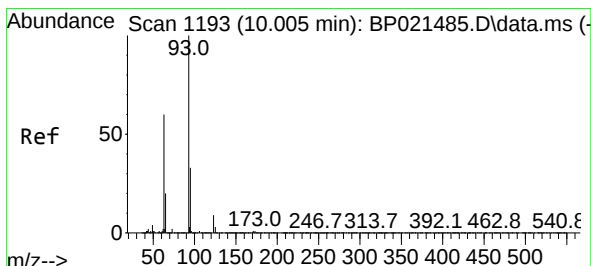
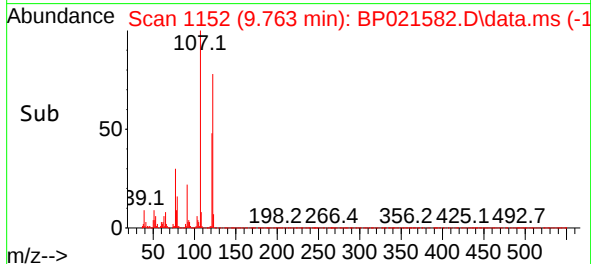
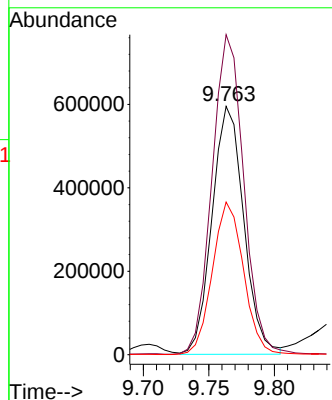
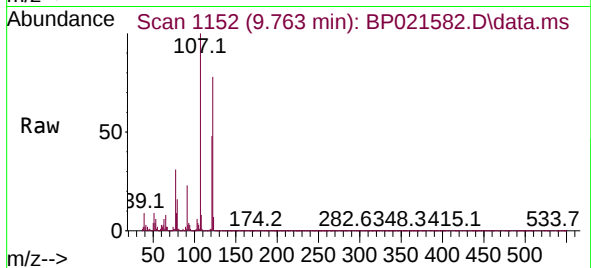




#27
2,4-Dimethylphenol
Concen: 58.914 ng
RT: 9.763 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

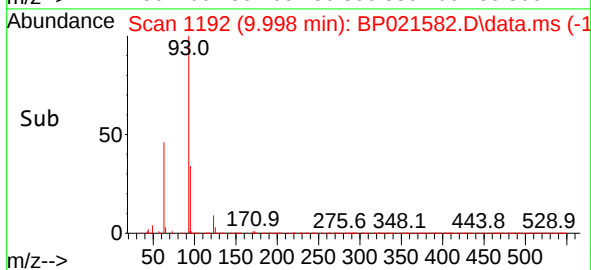
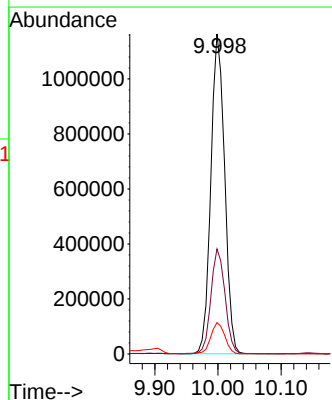
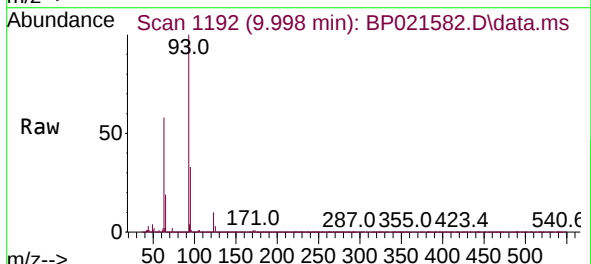
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

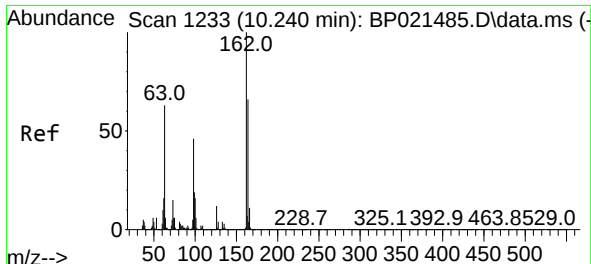
Tgt Ion:122 Resp: 1000832
Ion Ratio Lower Upper
122 100
107 128.8 106.2 159.4
121 61.5 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 42.011 ng
RT: 9.998 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion: 93 Resp: 1765266
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 9.8 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 54.429 ng

RT: 10.240 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BP021582.D

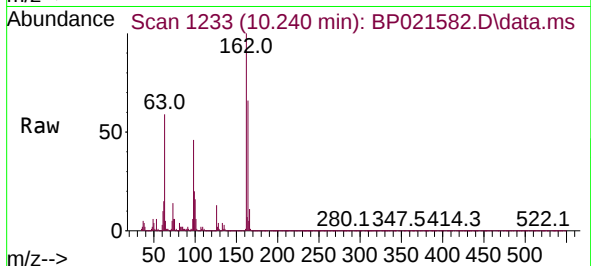
Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

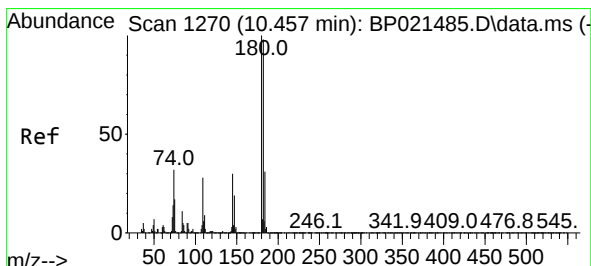
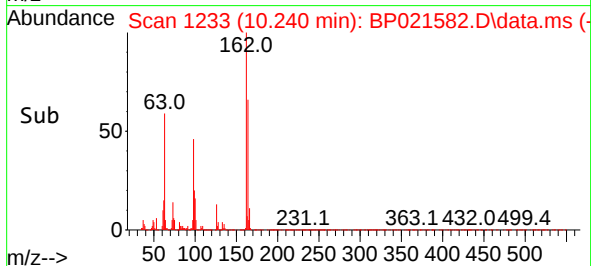
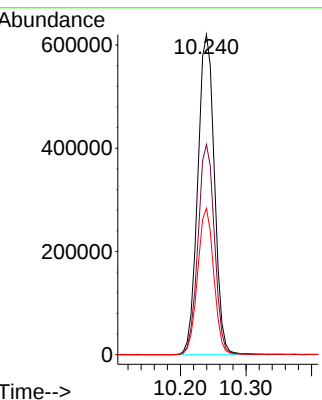
ClientSampleId :

VCPS-B3-081324-10-18MSD



Tgt Ion:162 Resp: 1092489

Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.9	85.9
98	45.7	26.3	66.3



#30

1,2,4-Trichlorobenzene

Concen: 43.965 ng

RT: 10.457 min Scan# 1270

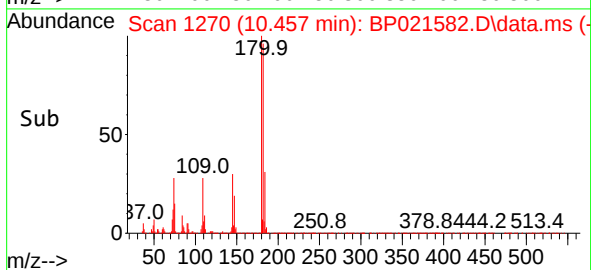
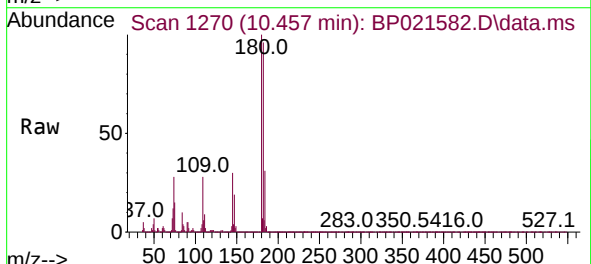
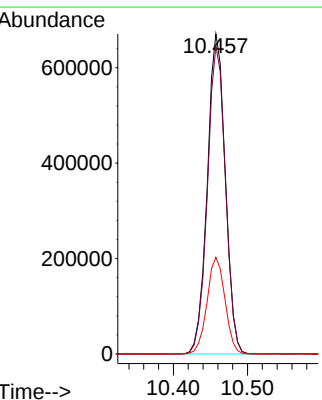
Delta R.T. -0.000 min

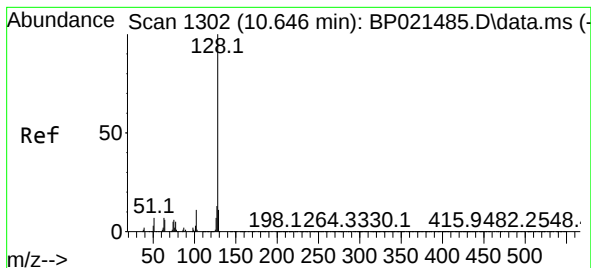
Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Tgt Ion:180 Resp: 1131351

Ion	Ratio	Lower	Upper
180	100		
182	96.2	78.3	117.5
145	30.2	24.0	36.0

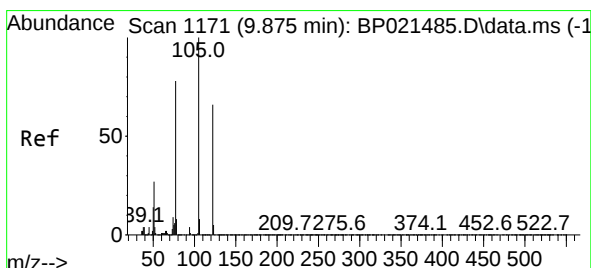
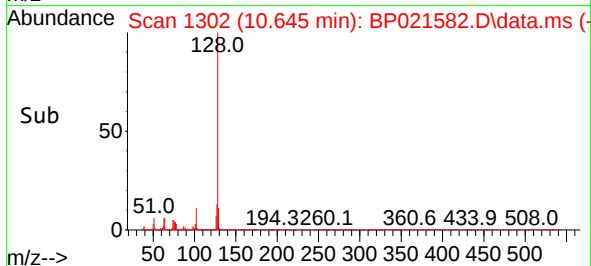
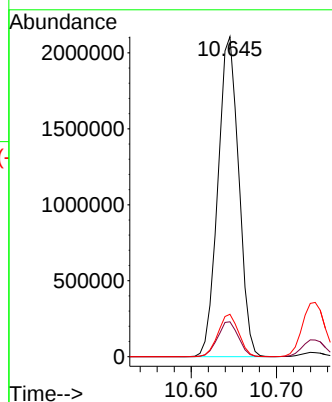
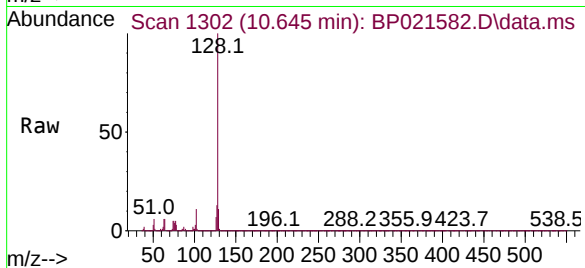




#31
Naphthalene
Concen: 45.615 ng
RT: 10.645 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

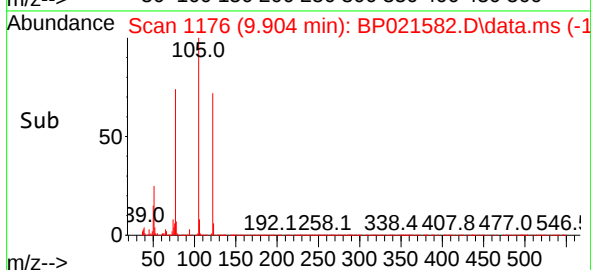
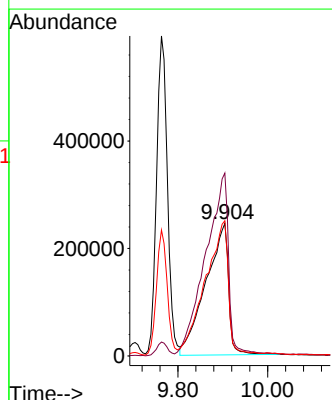
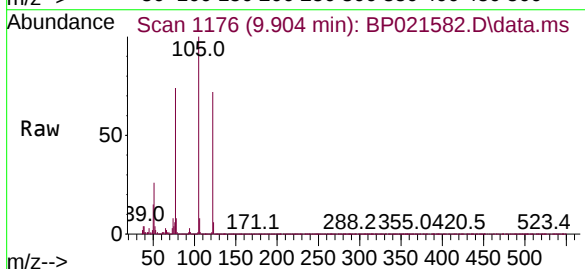
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

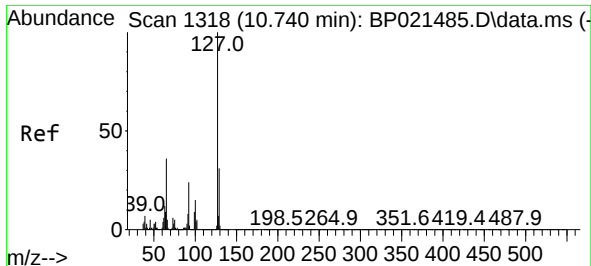
Tgt Ion:128 Resp: 3583812
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 66.460 ng
RT: 9.904 min Scan# 1176
Delta R.T. 0.029 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion:122 Resp: 857225
Ion Ratio Lower Upper
122 100
105 138.0 124.6 164.6
77 102.1 96.2 136.2

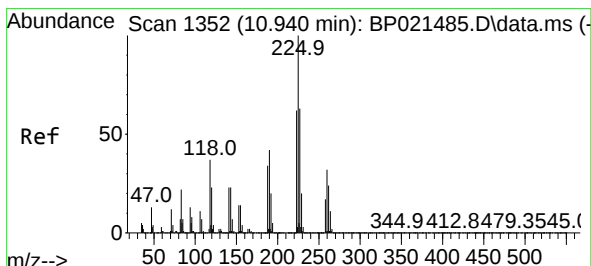
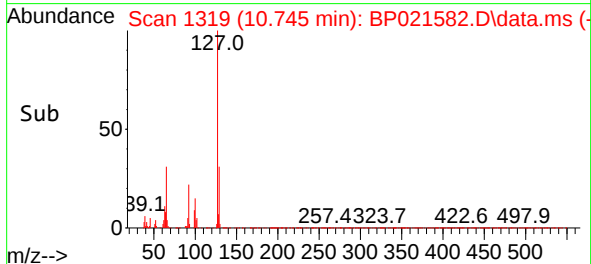
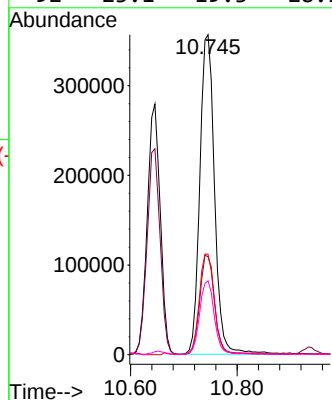
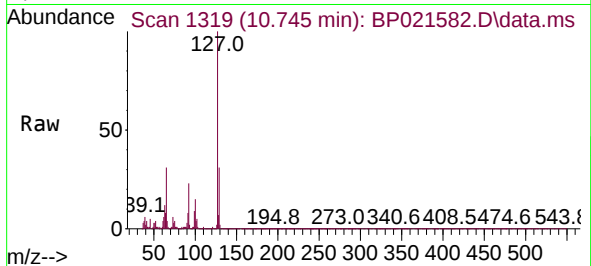




#33
4-Chloroaniline
Concen: 23.159 ng
RT: 10.745 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

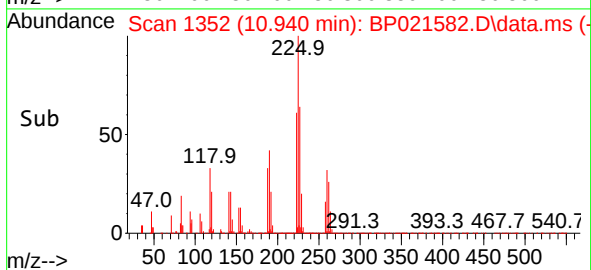
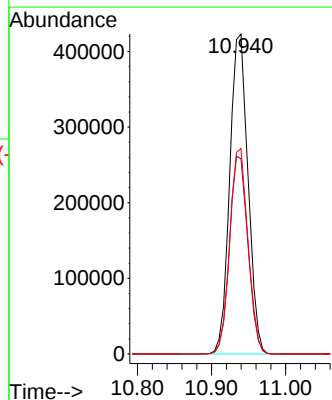
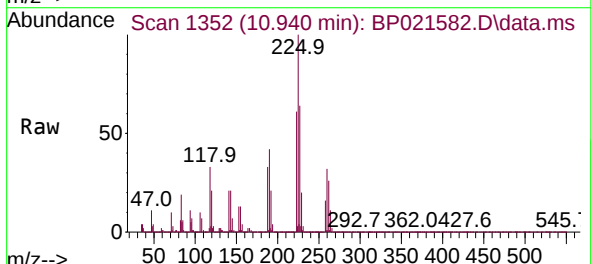
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

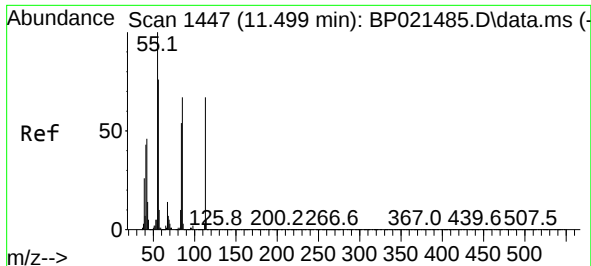
Tgt Ion:	127	Resp:	683474
Ion	Ratio	Lower	Upper
127	100		
129	30.6	24.5	36.7
65	31.4	28.9	43.3
92	23.1	19.3	28.9



#34
Hexachlorobutadiene
Concen: 44.598 ng
RT: 10.940 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion:	225	Resp:	722597
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.6	74.4
227	64.2	50.1	75.1

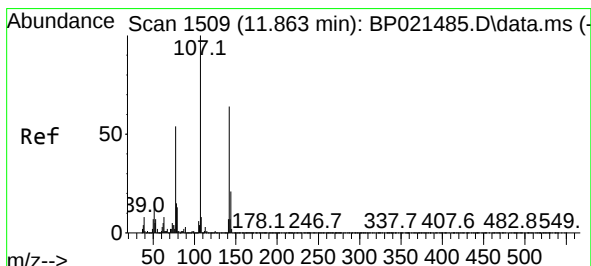
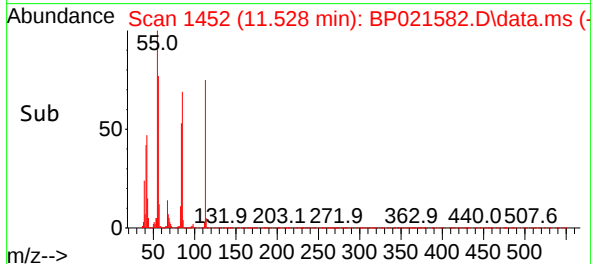
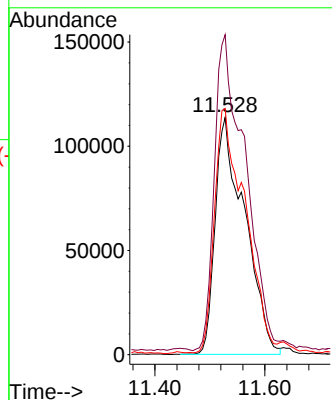
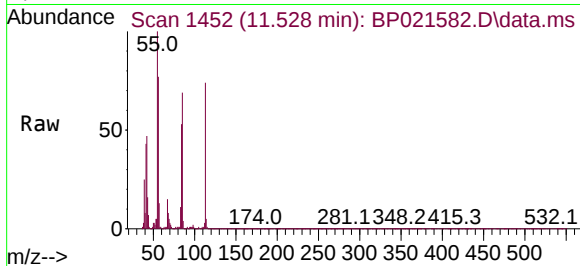




#35
Caprolactam
Concen: 50.895 ng
RT: 11.528 min Scan# 1447
Delta R.T. 0.029 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

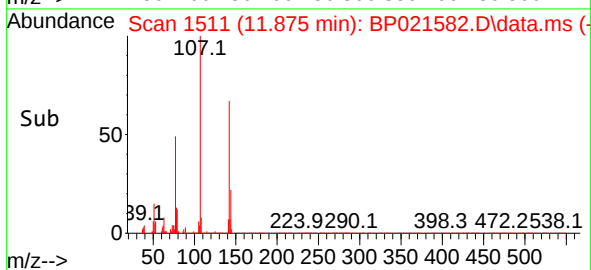
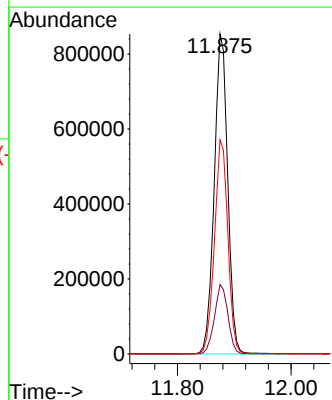
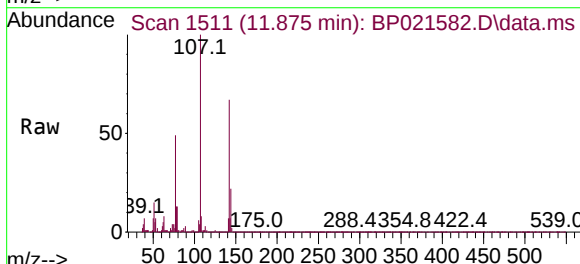
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

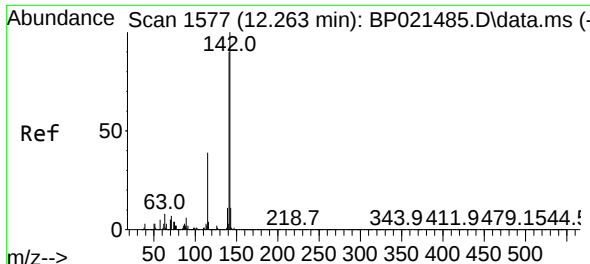
Tgt Ion:113 Resp: 425204
Ion Ratio Lower Upper
113 100
55 134.9 130.6 170.6
56 103.8 94.6 134.6



#36
4-Chloro-3-methylphenol
Concen: 50.293 ng
RT: 11.875 min Scan# 1511
Delta R.T. 0.012 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion:107 Resp: 1400298
Ion Ratio Lower Upper
107 100
144 21.7 16.6 24.8
142 66.9 51.0 76.4

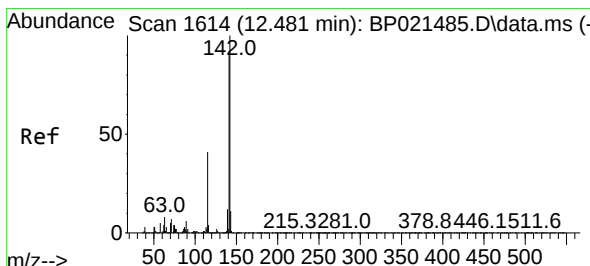
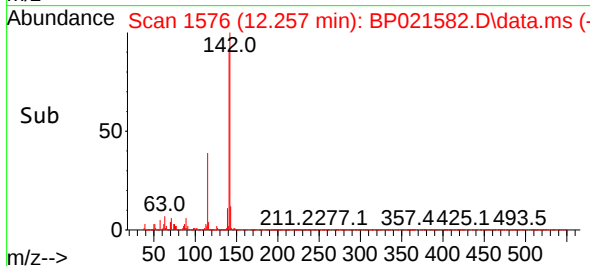
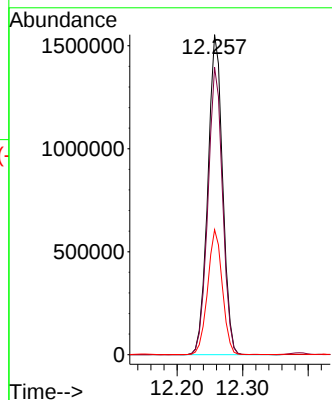
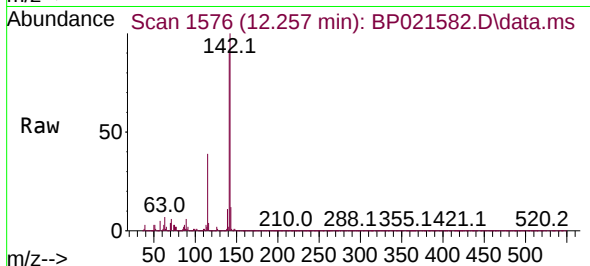




#37
2-Methylnaphthalene
Concen: 45.445 ng
RT: 12.257 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

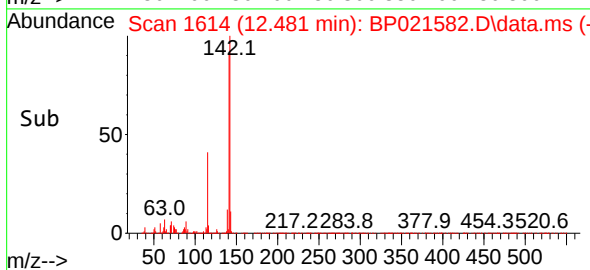
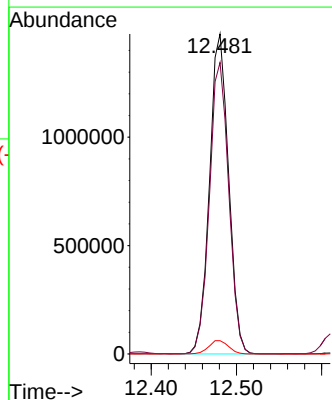
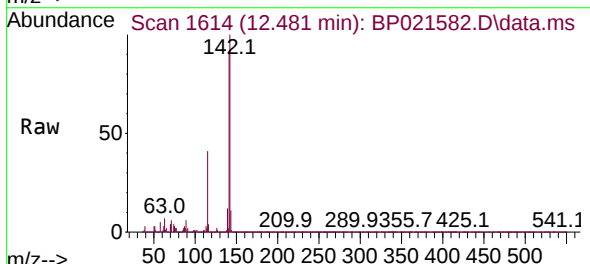
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

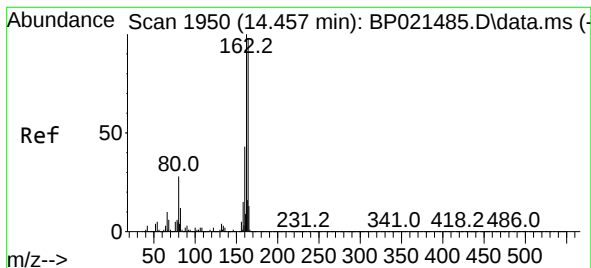
Tgt Ion:142 Resp: 2436845
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5
115 39.1 31.4 47.2



#38
1-Methylnaphthalene
Concen: 43.405 ng
RT: 12.481 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion:142 Resp: 2295463
Ion Ratio Lower Upper
142 100
141 91.1 73.5 110.3
116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18MSD

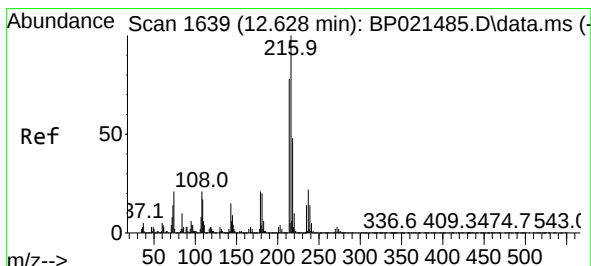
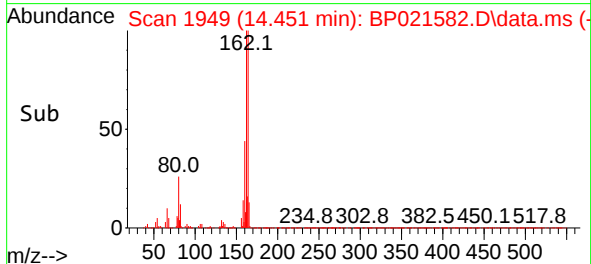
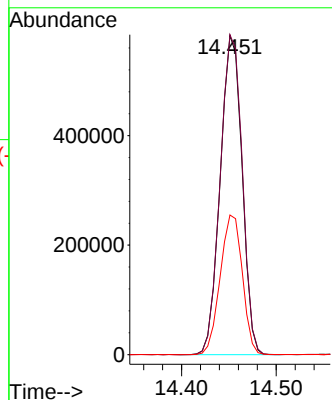
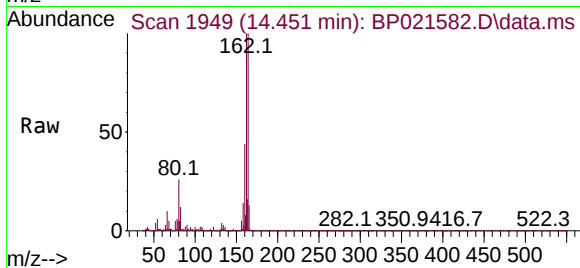
Tgt Ion:164 Resp: 933303

Ion Ratio Lower Upper

164 100

162 100.3 81.5 122.3

160 43.8 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.493 ng

RT: 12.628 min Scan# 1639

Delta R.T. -0.000 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Tgt Ion:216 Resp: 1271389

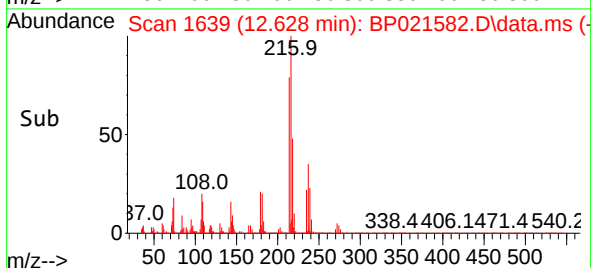
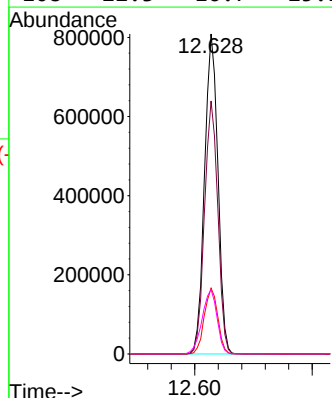
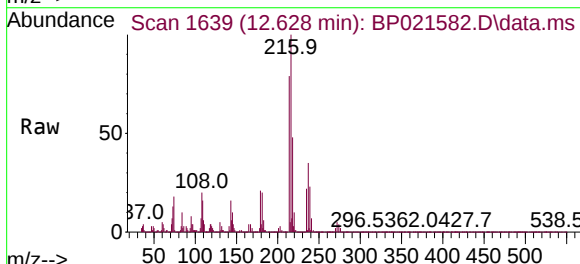
Ion Ratio Lower Upper

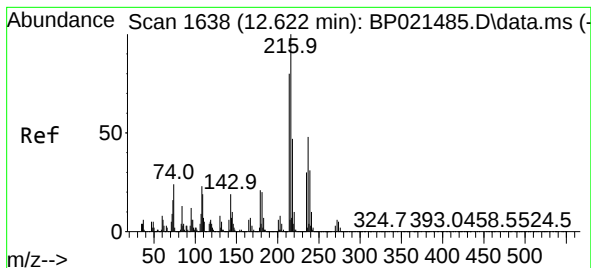
216 100

214 78.8 62.5 93.7

179 20.7 16.4 24.6

108 22.3 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 143.754 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18MSD

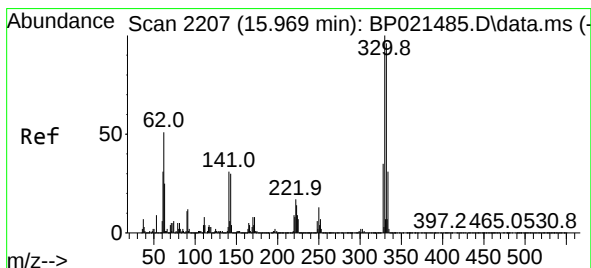
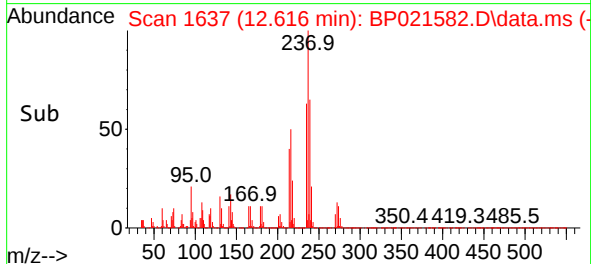
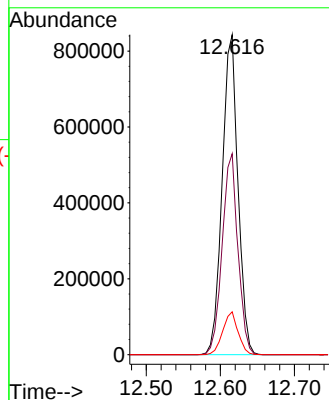
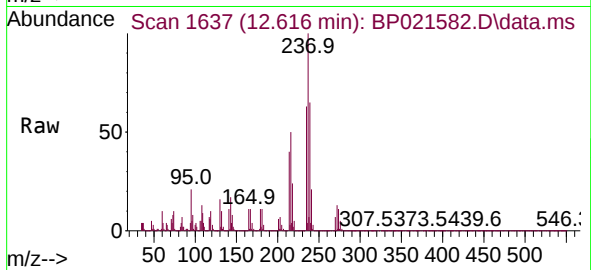
Tgt Ion:237 Resp: 1245909

Ion Ratio Lower Upper

237 100

235 62.8 43.9 83.9

272 13.4 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 128.708 ng

RT: 15.963 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

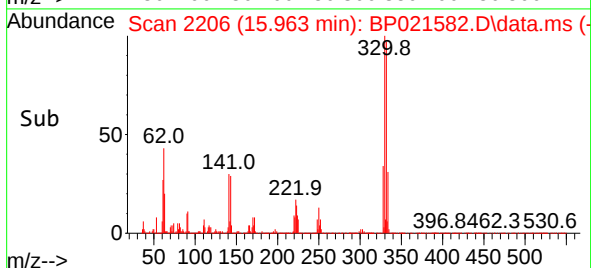
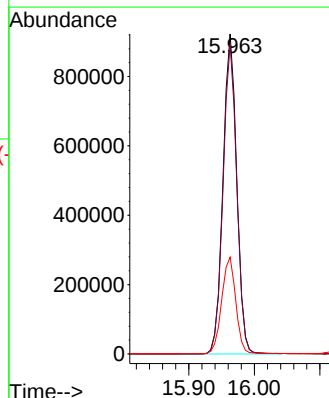
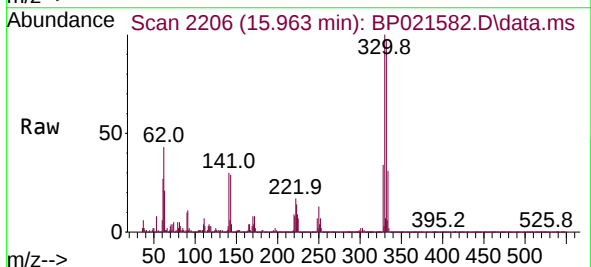
Tgt Ion:330 Resp: 1336927

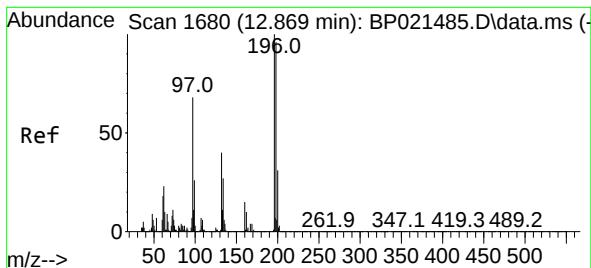
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 30.6 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 58.233 ng

RT: 12.869 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18MSD

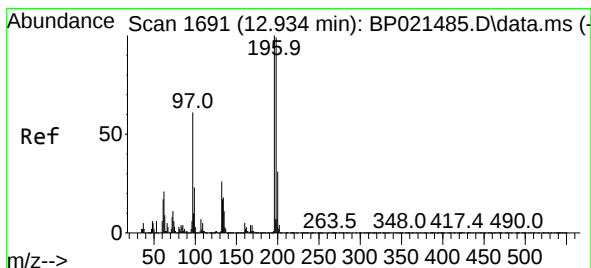
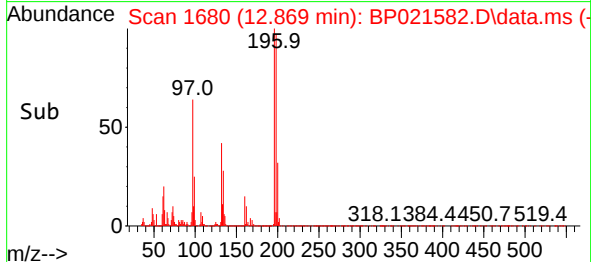
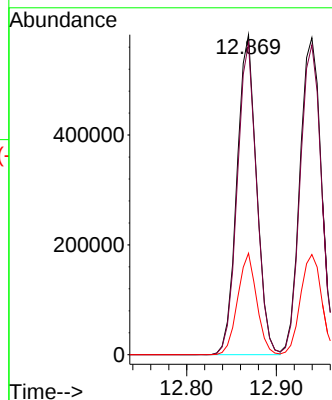
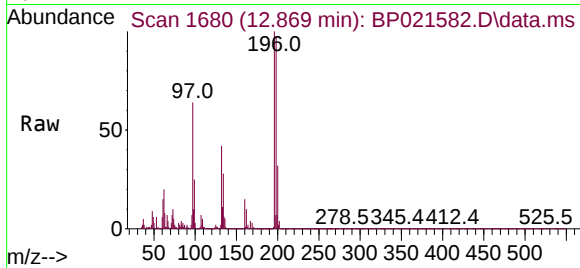
Tgt Ion:196 Resp: 884581

Ion Ratio Lower Upper

196 100

198 97.4 76.6 114.8

200 31.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 56.952 ng

RT: 12.939 min Scan# 1692

Delta R.T. 0.006 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Tgt Ion:196 Resp: 961181

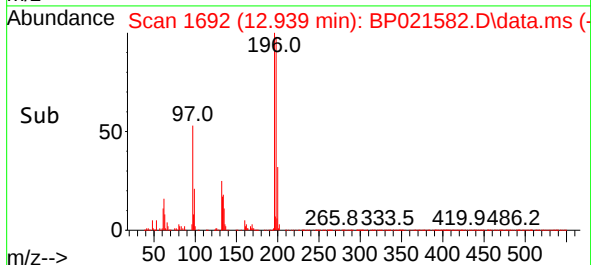
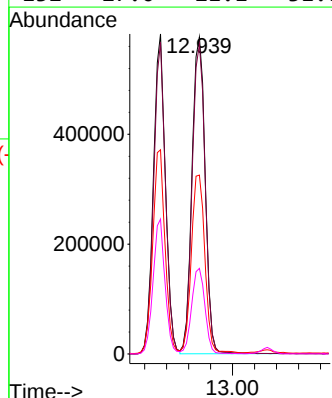
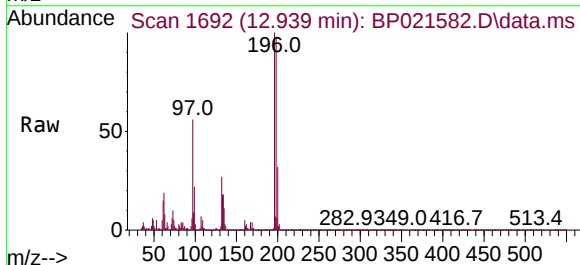
Ion Ratio Lower Upper

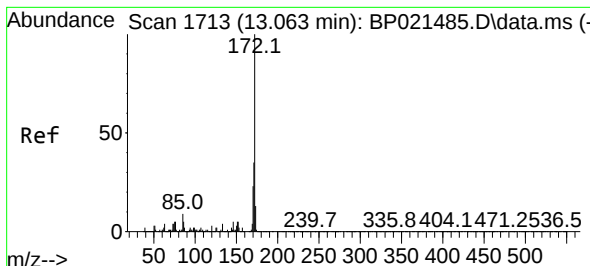
196 100

198 97.8 78.9 118.3

97 56.5 49.4 74.0

132 27.0 21.1 31.7

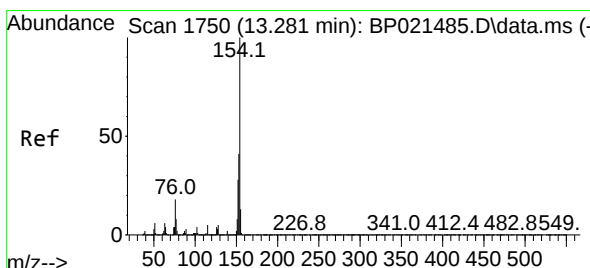
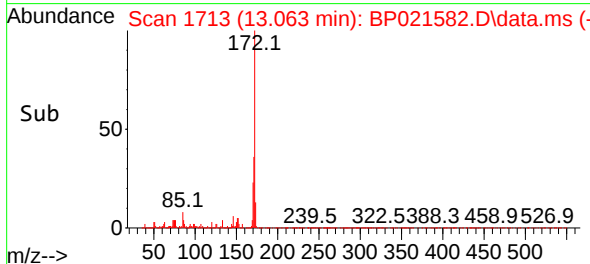
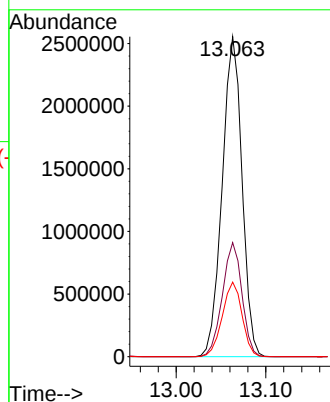
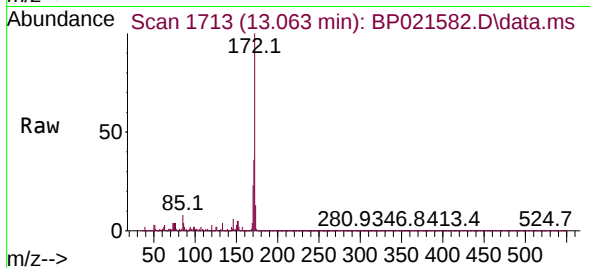




#45
2-Fluorobiphenyl
Concen: 64.055 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

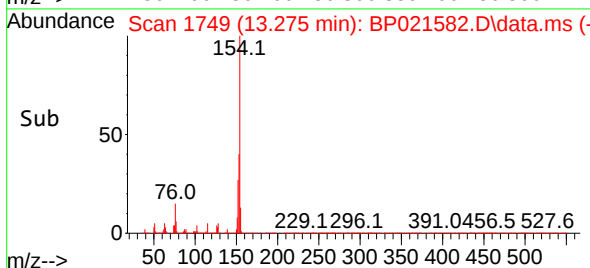
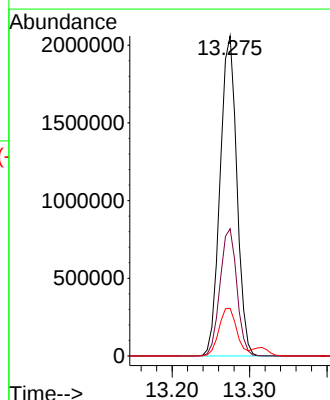
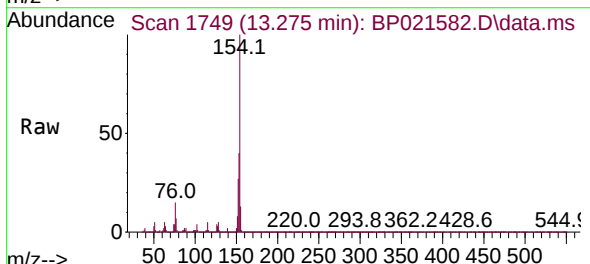
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

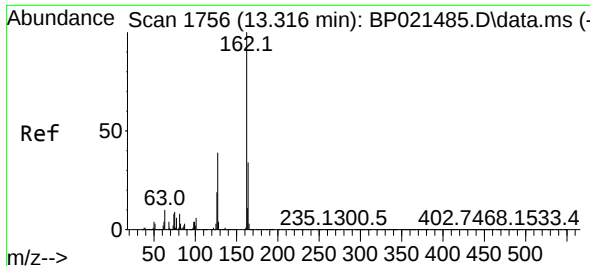
Tgt Ion:172 Resp: 3917209
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.3 18.4 27.6



#46
1,1'-Biphenyl
Concen: 46.775 ng
RT: 13.275 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion:154 Resp: 3088660
Ion Ratio Lower Upper
154 100
153 39.7 20.7 60.7
76 14.9 0.0 37.7

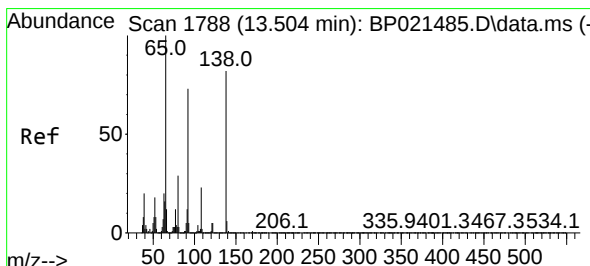
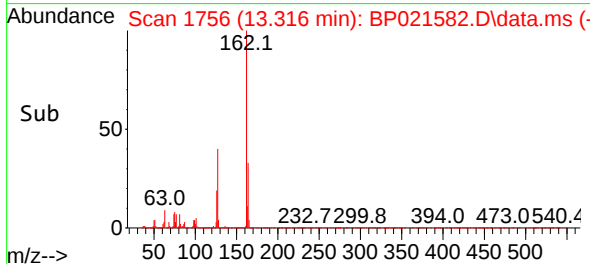
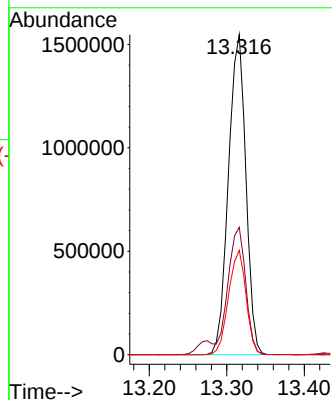
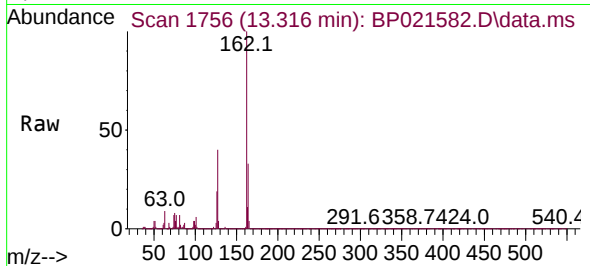




#47
2-Chloronaphthalene
Concen: 47.042 ng
RT: 13.316 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

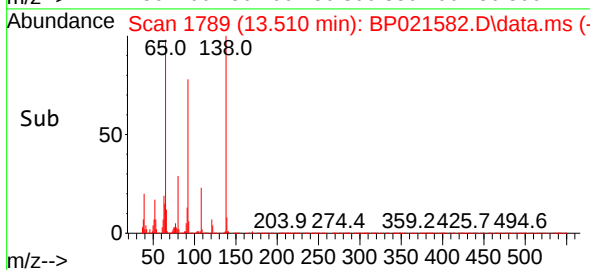
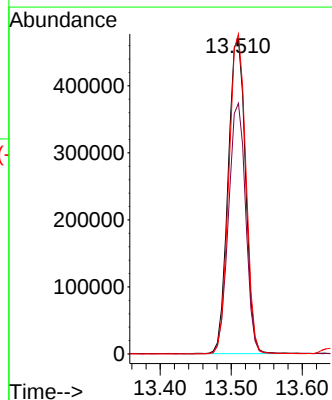
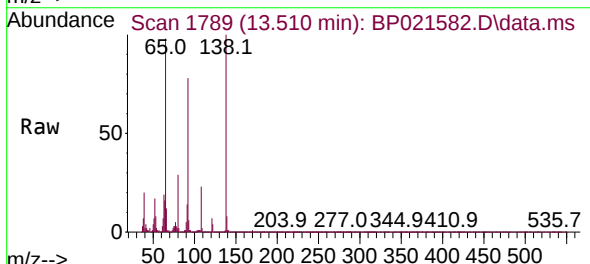
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

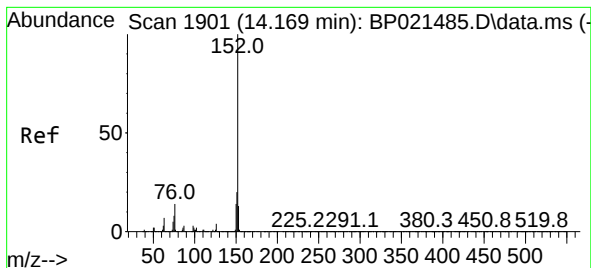
Tgt Ion:162 Resp: 2418381
Ion Ratio Lower Upper
162 100
127 39.8 31.9 47.9
164 32.6 26.8 40.2



#48
2-Nitroaniline
Concen: 54.571 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion: 65 Resp: 797644
Ion Ratio Lower Upper
65 100
92 79.7 58.1 87.1
138 101.7 65.5 98.3#





#49

Acenaphthylene

Concen: 50.644 ng

RT: 14.169 min Scan# 1901

Delta R.T. -0.000 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18MSD

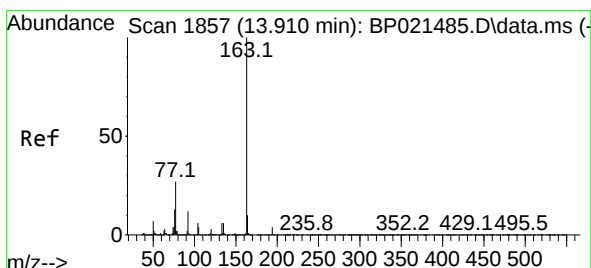
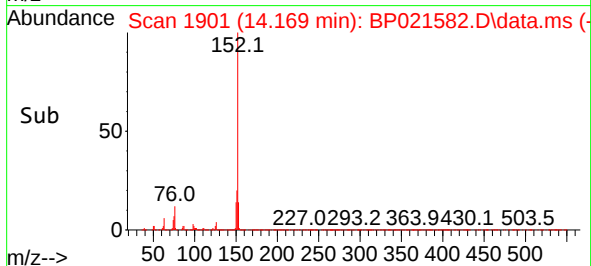
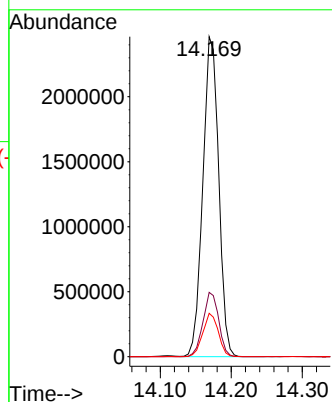
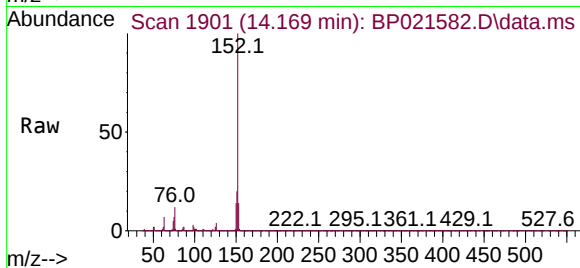
Tgt Ion:152 Resp: 3827274

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.6 10.6 16.0



#50

Dimethylphthalate

Concen: 47.745 ng

RT: 13.904 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

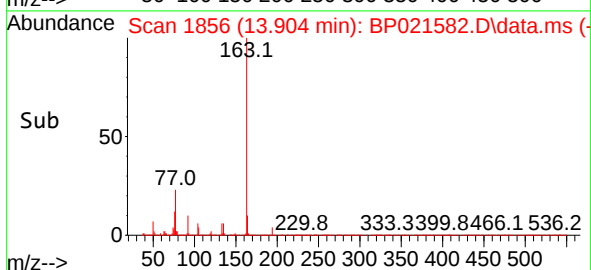
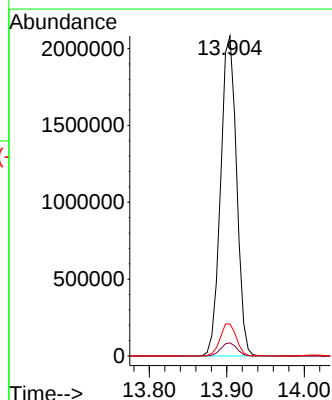
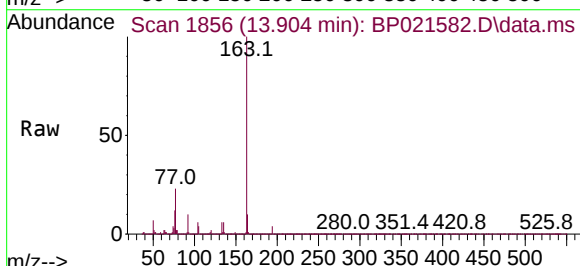
Tgt Ion:163 Resp: 2984173

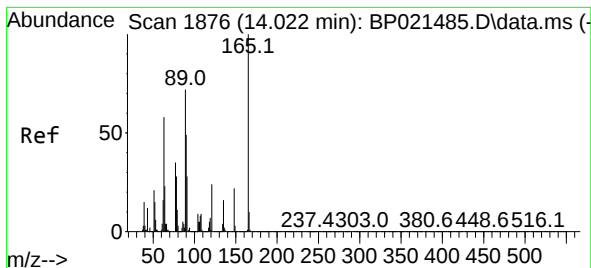
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 51.391 ng

RT: 14.016 min Scan# 1875

Delta R.T. -0.006 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18MSD

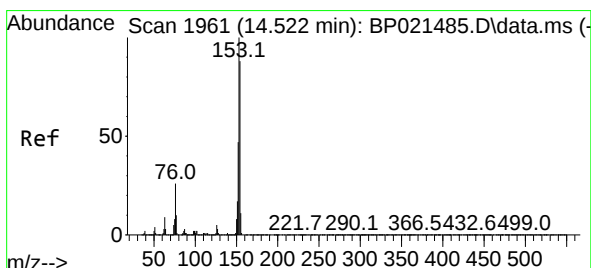
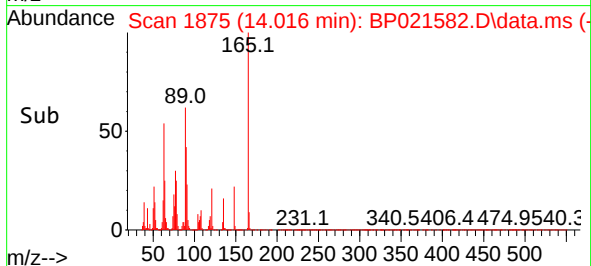
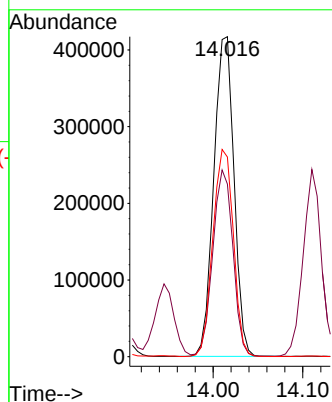
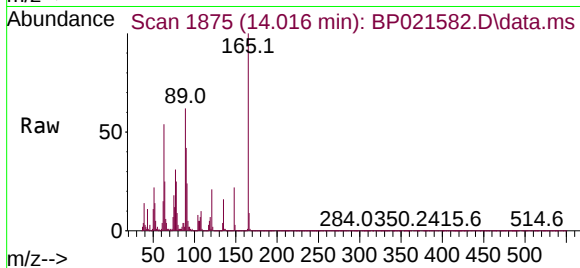
Tgt Ion:165 Resp: 651899

Ion Ratio Lower Upper

165 100

63 53.9 51.5 77.3

89 62.4 57.8 86.8



#52

Acenaphthene

Concen: 48.352 ng

RT: 14.516 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

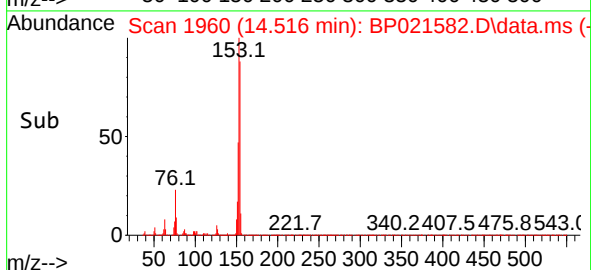
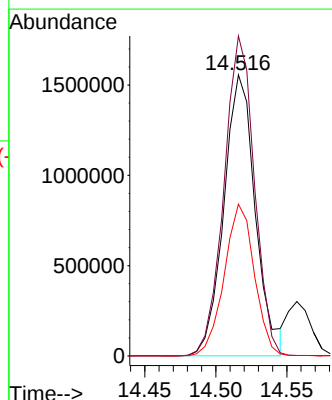
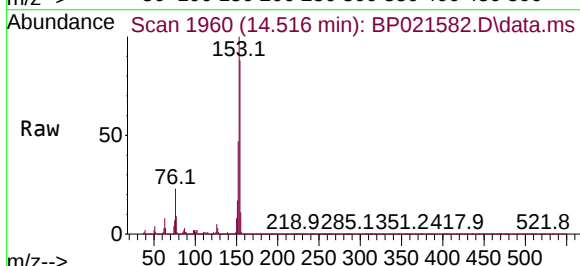
Tgt Ion:154 Resp: 2397570

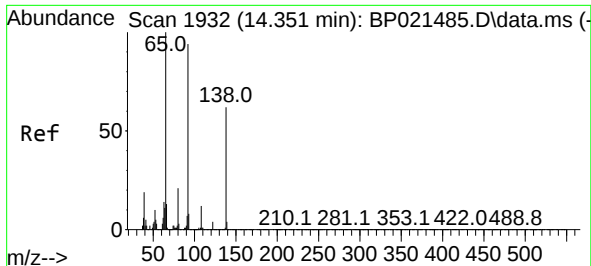
Ion Ratio Lower Upper

154 100

153 113.8 91.1 136.7

152 54.0 43.0 64.4

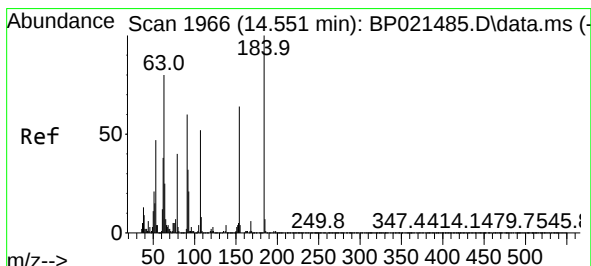
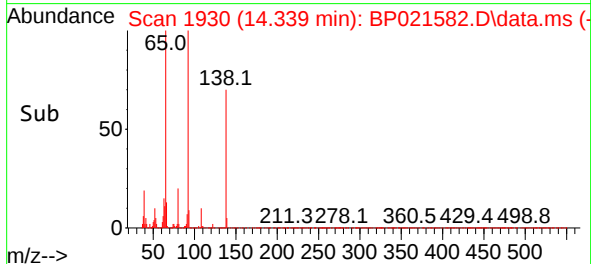
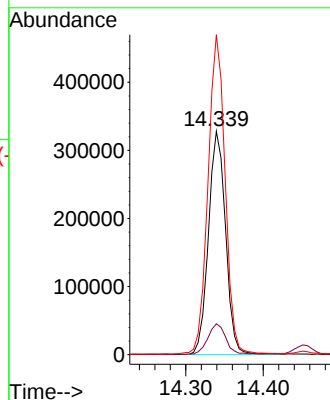
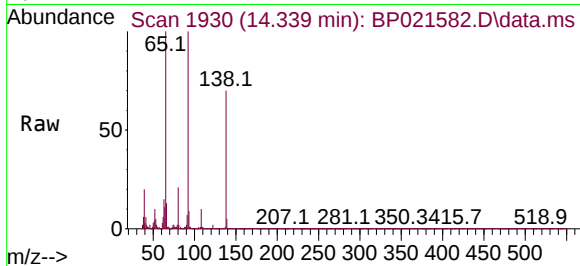




#53
3-Nitroaniline
Concen: 41.166 ng
RT: 14.339 min Scan# 1932
Delta R.T. -0.012 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

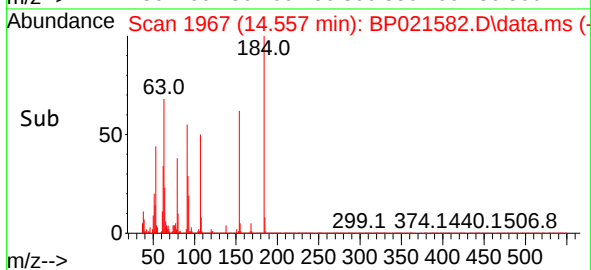
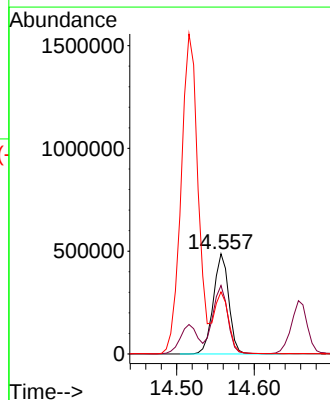
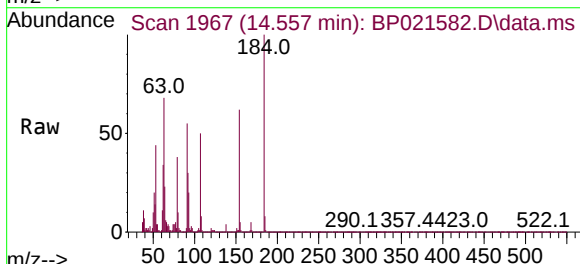
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

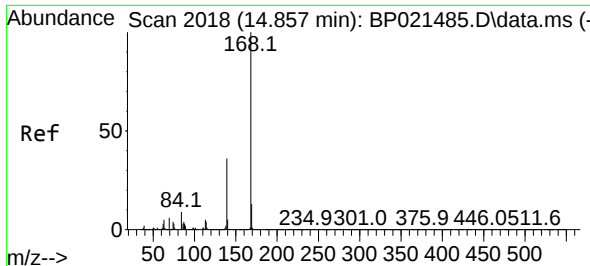
Tgt Ion:138 Resp: 502663
Ion Ratio Lower Upper
138 100
108 13.8 16.2 24.4#
92 143.3 122.2 183.4



#54
2,4-Dinitrophenol
Concen: 120.772 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion:184 Resp: 675116
Ion Ratio Lower Upper
184 100
63 68.4 64.9 97.3
154 61.9 52.1 78.1

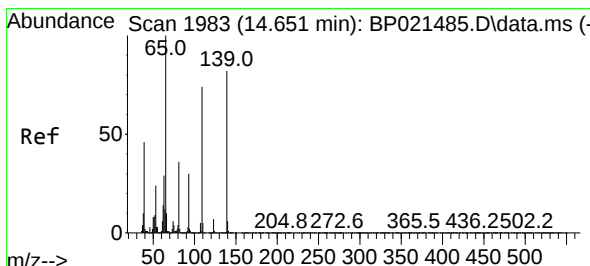
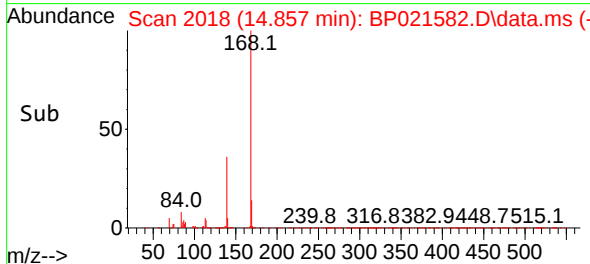
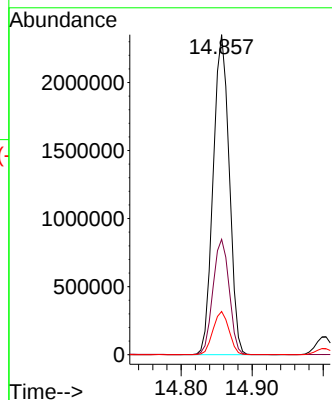
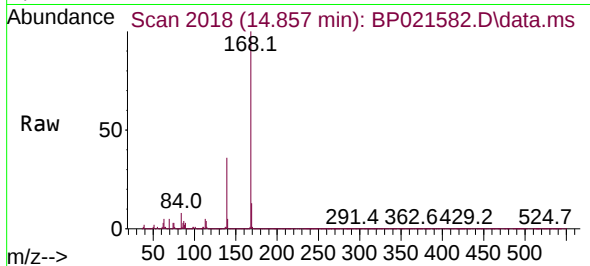




#55
Dibenzofuran
Concen: 48.257 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

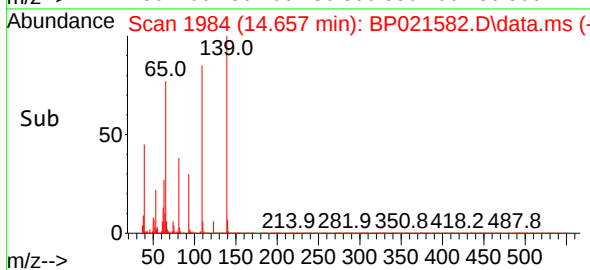
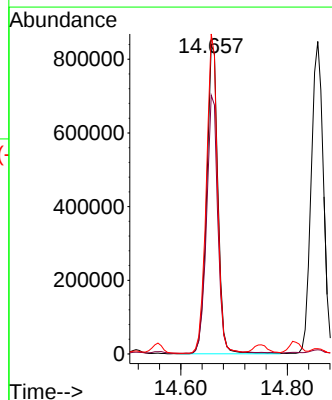
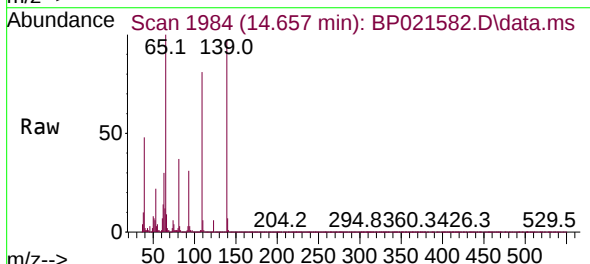
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

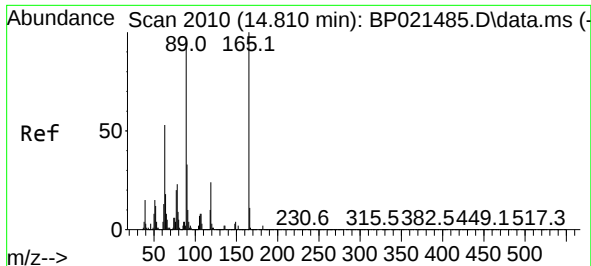
Tgt Ion:168 Resp: 3681031
Ion Ratio Lower Upper
168 100
139 36.1 28.6 43.0
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 117.133 ng
RT: 14.657 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion:139 Resp: 1240294
Ion Ratio Lower Upper
139 100
109 83.6 70.2 110.2
65 103.4 101.8 141.8

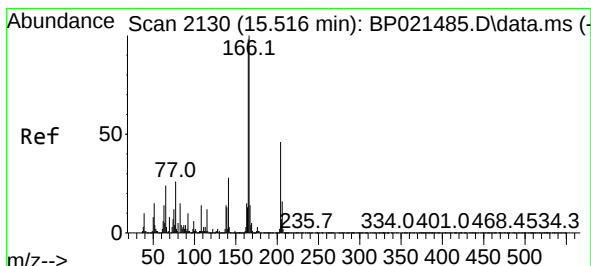
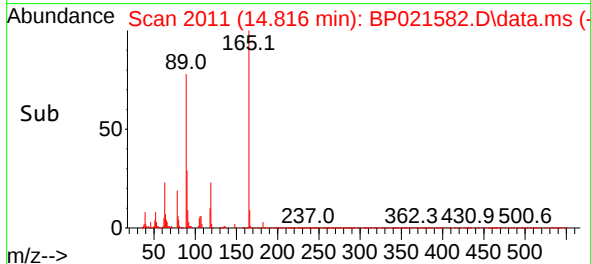
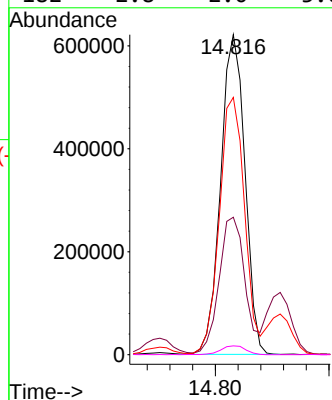
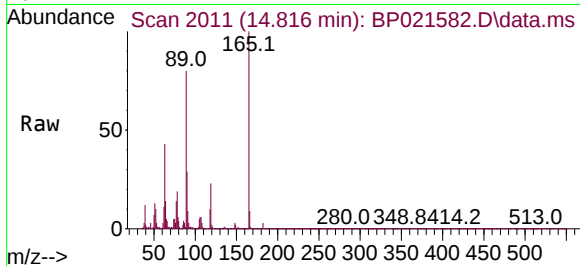




#57
2,4-Dinitrotoluene
Concen: 56.457 ng
RT: 14.816 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

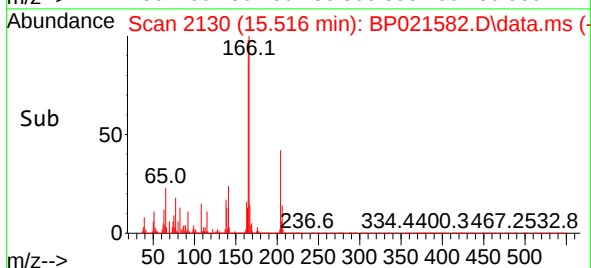
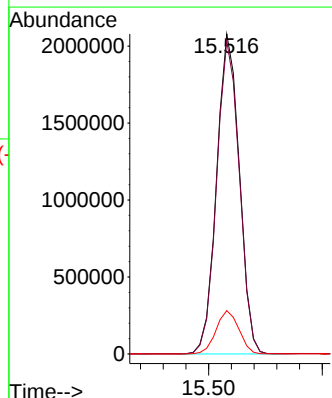
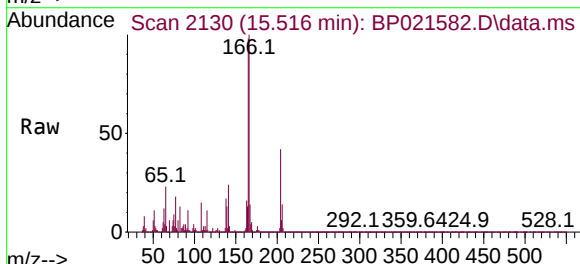
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

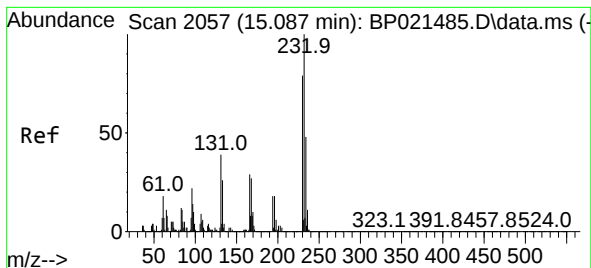
Tgt Ion:165 Resp: 921305
Ion Ratio Lower Upper
165 100
63 42.9 42.5 63.7
89 80.4 77.1 115.7
182 2.8 2.0 3.0



#58
Fluorene
Concen: 46.184 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion:166 Resp: 2894140
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 59.434 ng

RT: 15.086 min Scan# 2057

Delta R.T. -0.000 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18MSD

Tgt Ion:232 Resp: 851395

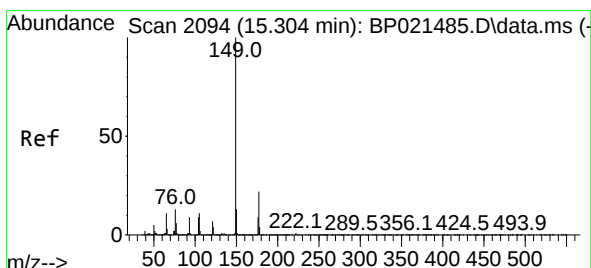
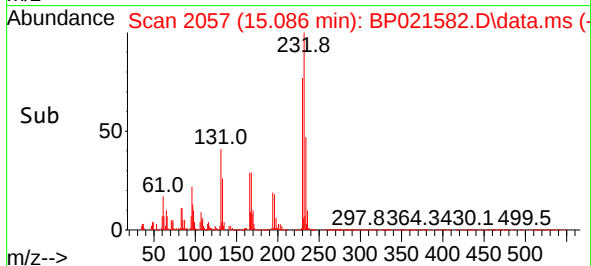
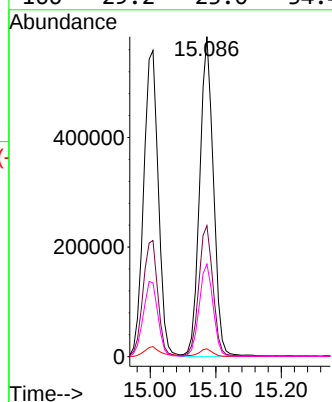
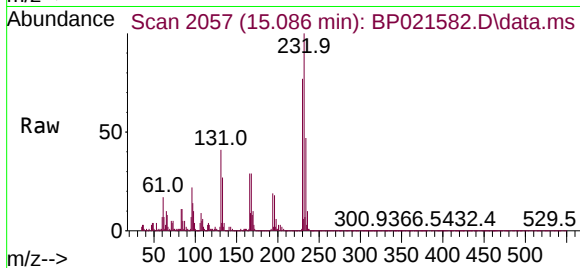
Ion Ratio Lower Upper

232 100

131 42.3 33.1 49.7

130 2.5 1.7 2.5#

166 29.2 23.0 34.4



#60

Diethylphthalate

Concen: 47.397 ng

RT: 15.286 min Scan# 2091

Delta R.T. -0.018 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

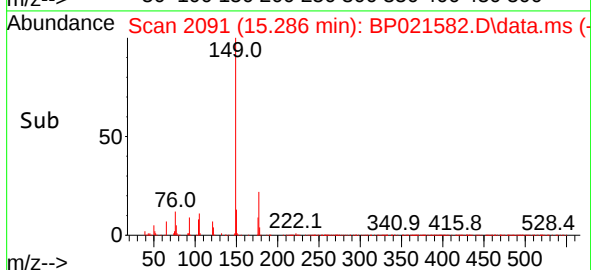
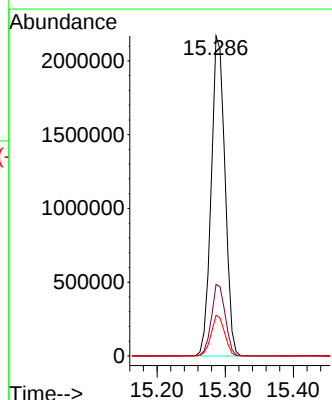
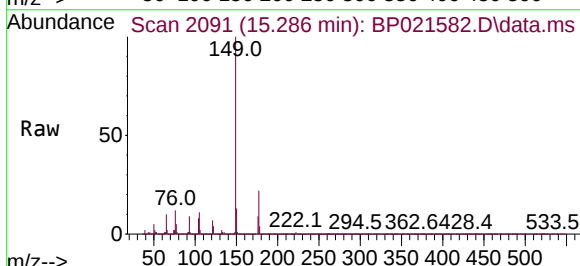
Tgt Ion:149 Resp: 3039566

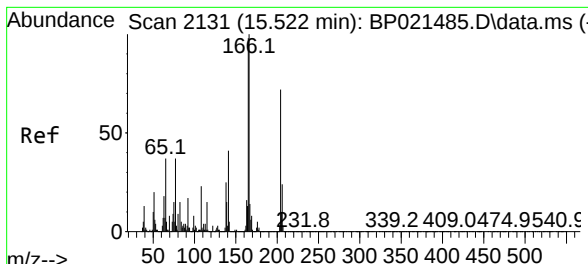
Ion Ratio Lower Upper

149 100

177 22.4 17.8 26.8

150 12.7 10.1 15.1

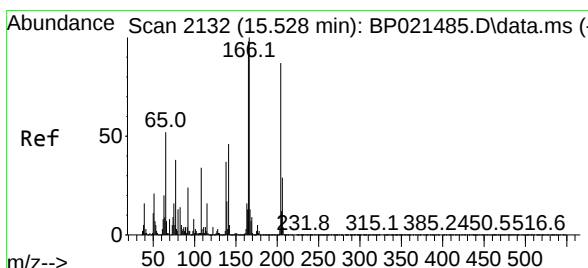
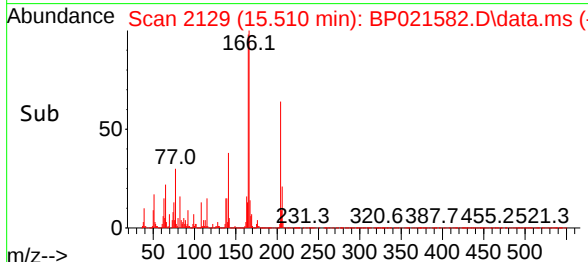
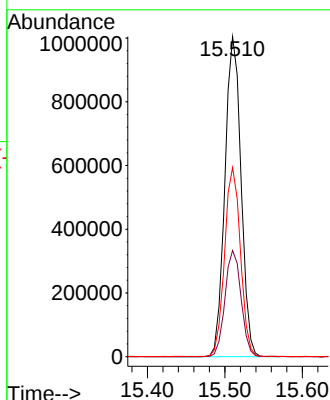
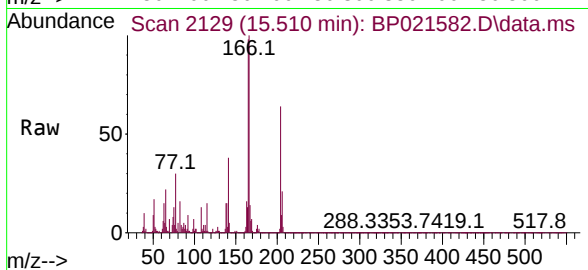




#61
4-Chlorophenyl-phenylether
Concen: 44.790 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

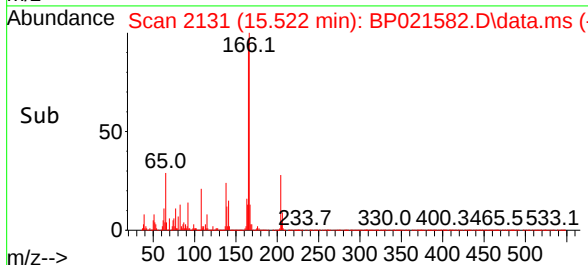
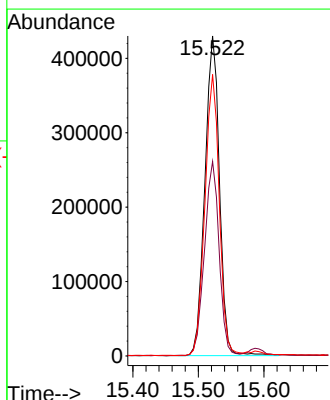
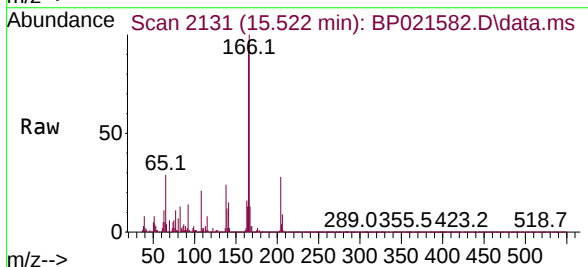
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

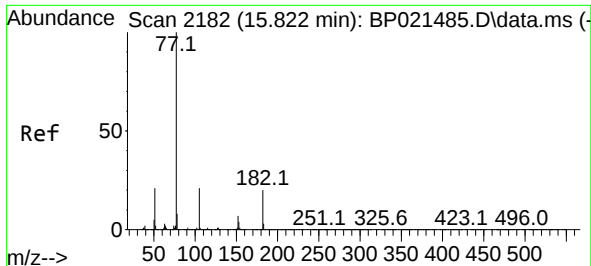
Tgt Ion:204 Resp: 1450856
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 59.1 46.1 69.1



#62
4-Nitroaniline
Concen: 52.040 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion:138 Resp: 666457
Ion Ratio Lower Upper
138 100
92 60.8 46.4 86.4
108 87.9 73.2 113.2



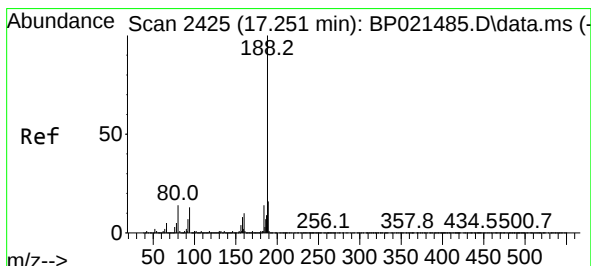
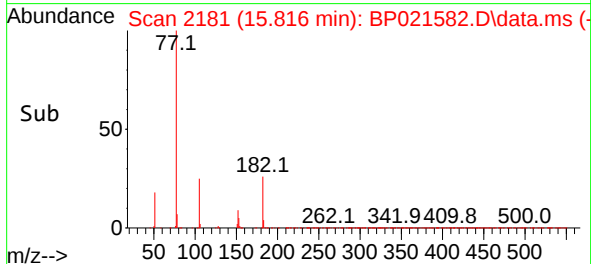
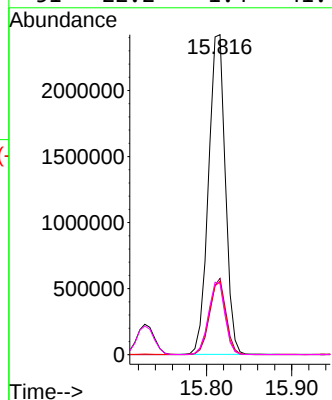
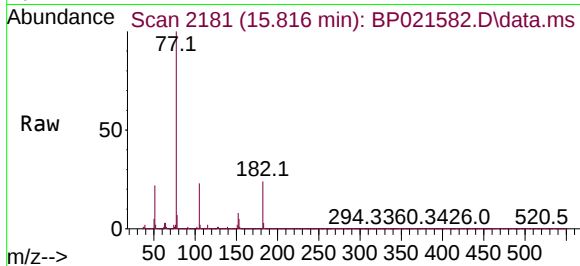


#63
Azobenzene
Concen: 42.101 ng
RT: 15.816 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

Tgt Ion: 77 Resp: 3318867

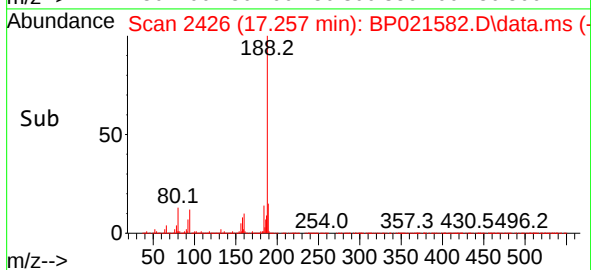
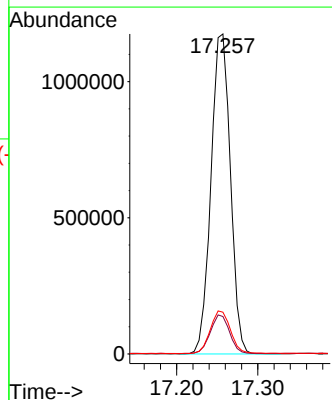
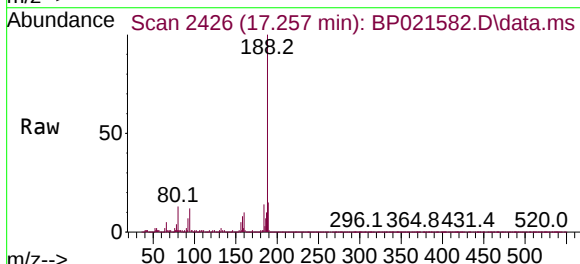
Ion	Ratio	Lower	Upper
77	100		
182	23.8	0.0	39.9
105	22.9	0.9	40.9
51	22.2	1.4	41.4

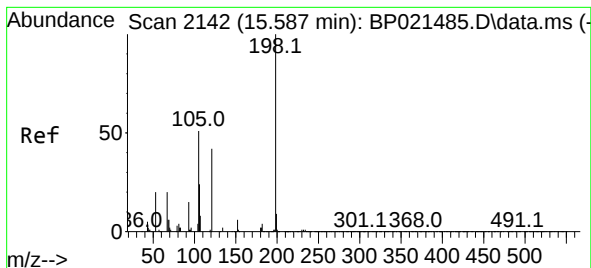


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion: 188 Resp: 1947798

Ion	Ratio	Lower	Upper
188	100		
94	11.7	10.2	15.4
80	13.1	11.6	17.4

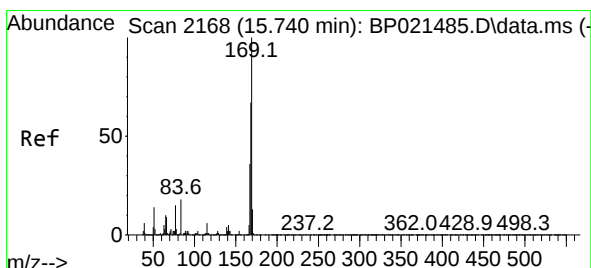
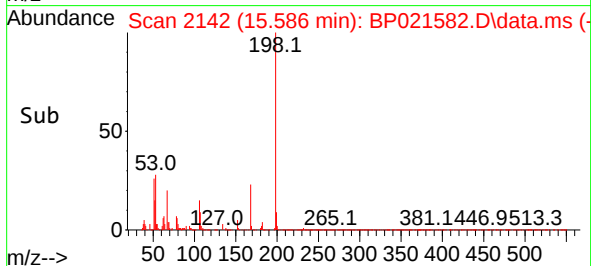
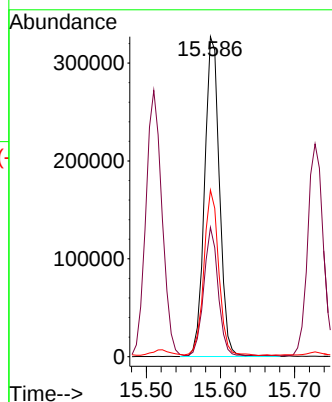
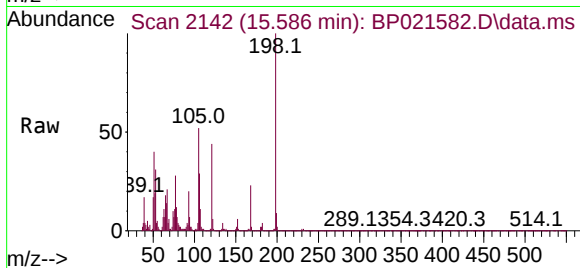




#65
4,6-Dinitro-2-methylphenol
Concen: 67.543 ng
RT: 15.586 min Scan# 2142
Delta R.T. -0.001 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

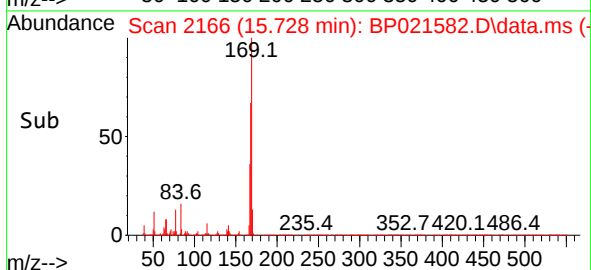
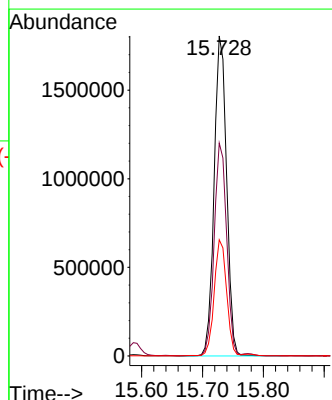
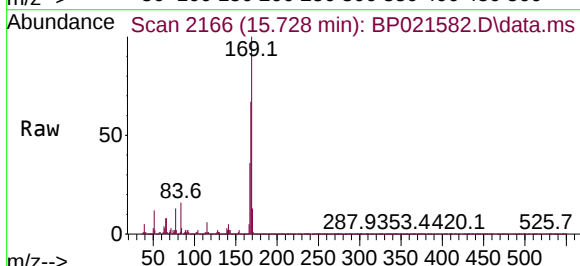
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

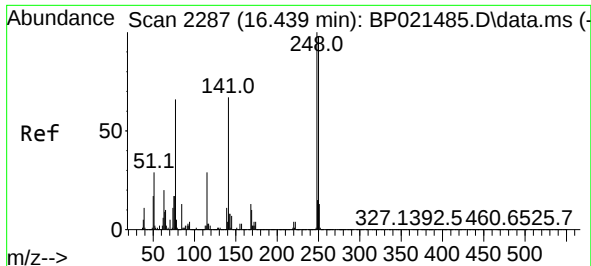
Tgt Ion:198 Resp: 456728
Ion Ratio Lower Upper
198 100
51 40.4 21.5 61.5
105 52.0 32.9 72.9



#66
n-Nitrosodiphenylamine
Concen: 49.144 ng
RT: 15.728 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion:169 Resp: 2565244
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 36.3 28.7 43.1

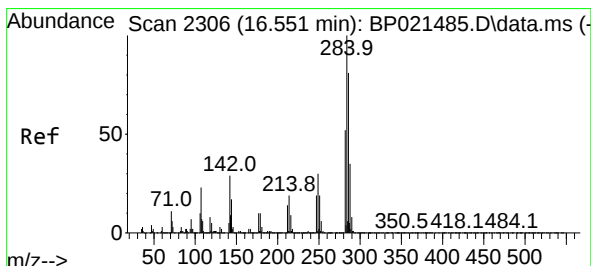
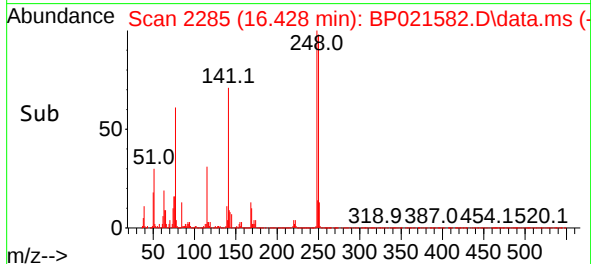
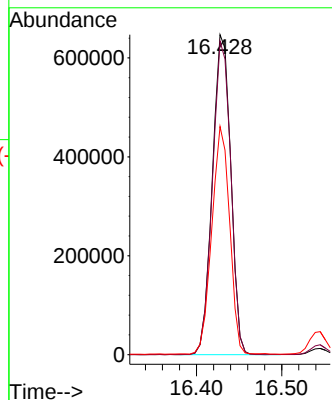
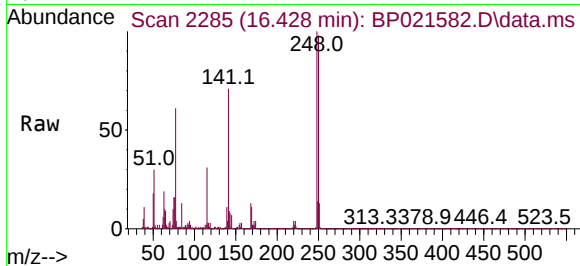




#67
4-Bromophenyl-phenylether
Concen: 47.005 ng
RT: 16.428 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

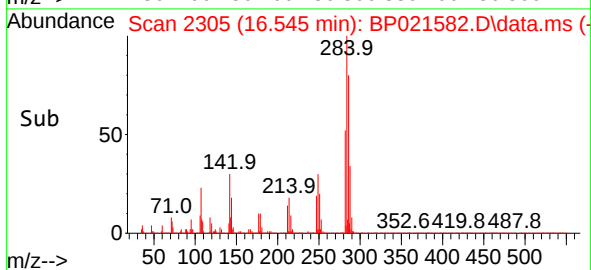
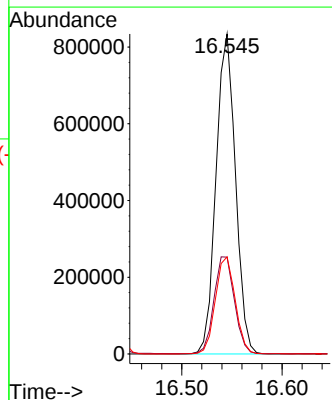
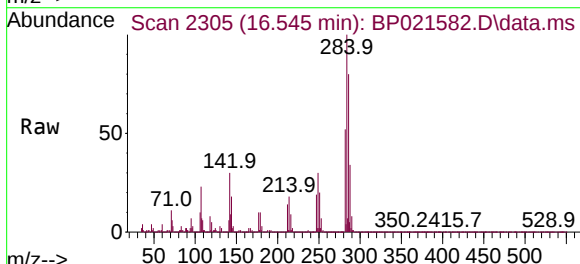
Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

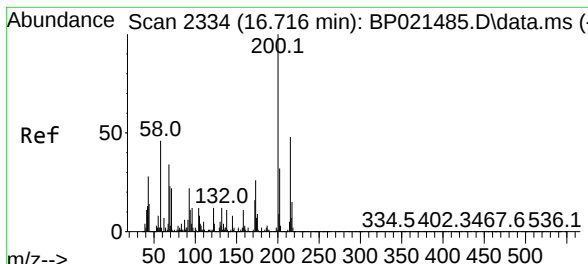
Tgt Ion:248 Resp: 968995
Ion Ratio Lower Upper
248 100
250 98.0 78.6 117.8
141 71.3 53.9 80.9



#68
Hexachlorobenzene
Concen: 46.064 ng
RT: 16.545 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BP021582.D
Acq: 20 Aug 2024 21:44

Tgt Ion:284 Resp: 1122191
Ion Ratio Lower Upper
284 100
142 30.2 23.4 35.2
249 30.3 24.1 36.1





#69

Atrazine

Concen: 53.665 ng

RT: 16.710 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18MSD

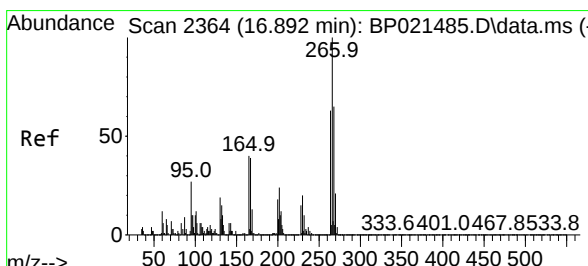
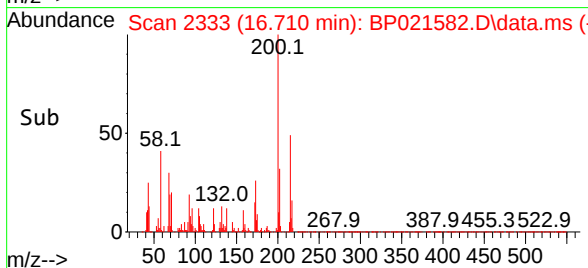
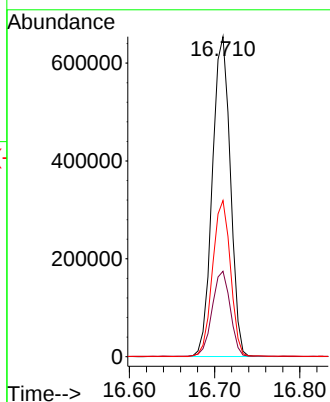
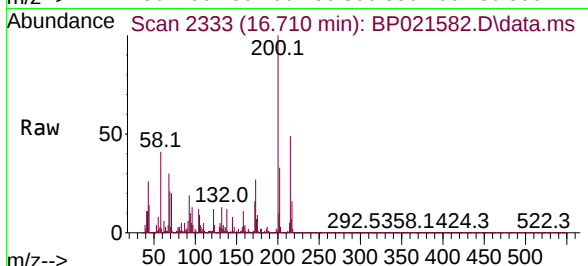
Tgt Ion:200 Resp: 961739

Ion Ratio Lower Upper

200 100

173 26.7 6.2 46.2

215 48.8 28.4 68.4



#70

Pentachlorophenol

Concen: 112.984 ng

RT: 16.892 min Scan# 2364

Delta R.T. 0.000 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

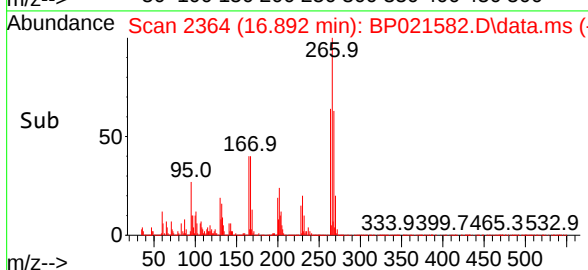
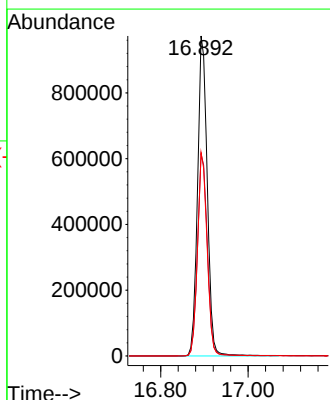
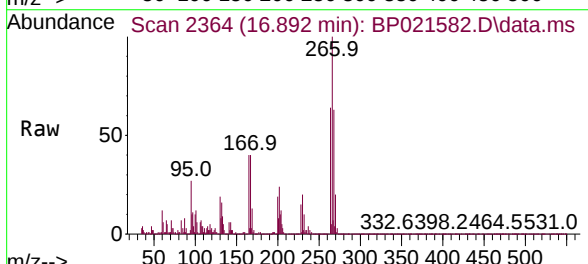
Tgt Ion:266 Resp: 1502310

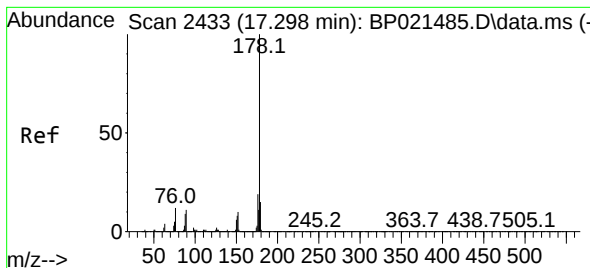
Ion Ratio Lower Upper

266 100

268 63.1 51.8 77.6

264 63.5 50.5 75.7





#71

Phenanthrene

Concen: 54.942 ng

RT: 17.304 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18MSD

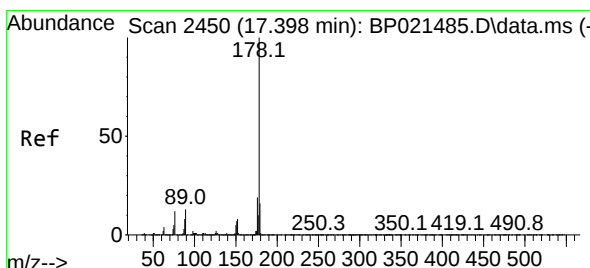
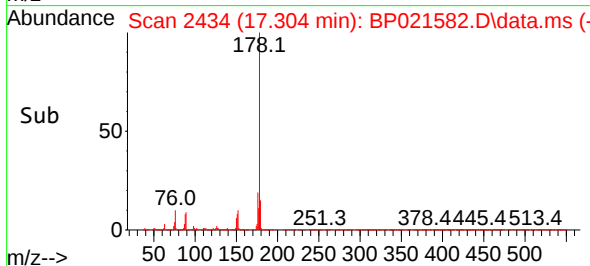
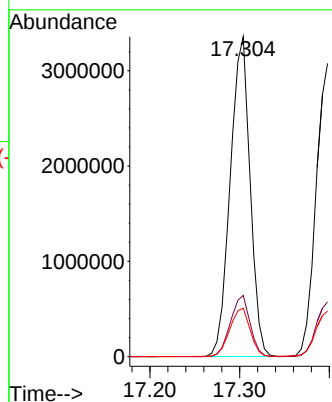
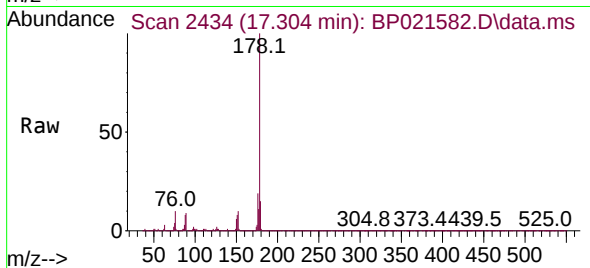
Tgt Ion:178 Resp: 5146623

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.2 12.4 18.6



#72

Anthracene

Concen: 51.834 ng

RT: 17.398 min Scan# 2450

Delta R.T. -0.000 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

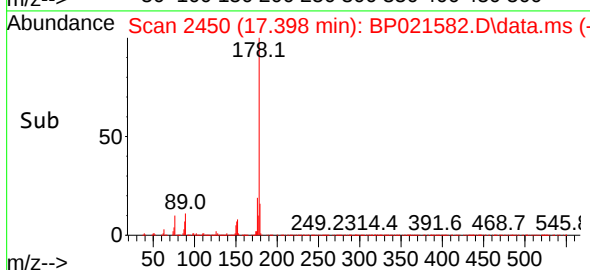
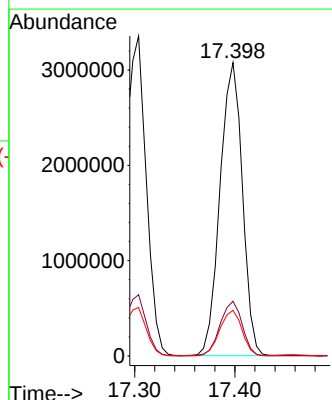
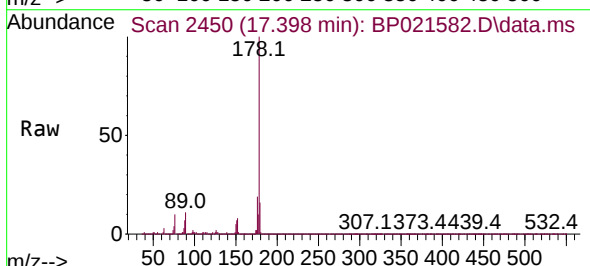
Tgt Ion:178 Resp: 4761853

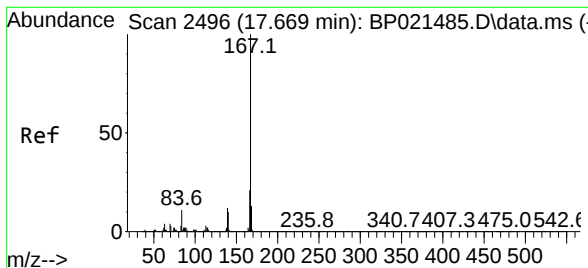
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.6 12.5 18.7





#73

Carbazole

Concen: 50.037 ng

RT: 17.669 min Scan# 2496

Delta R.T. -0.000 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Instrument :

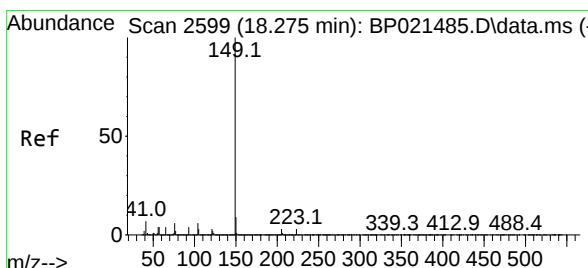
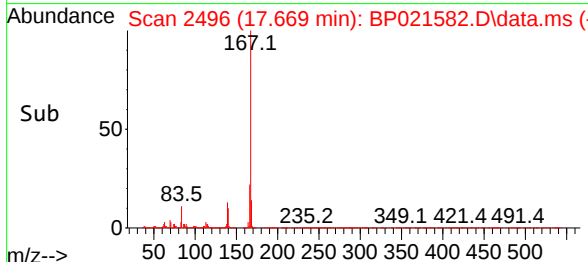
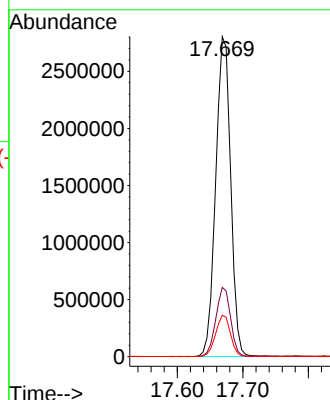
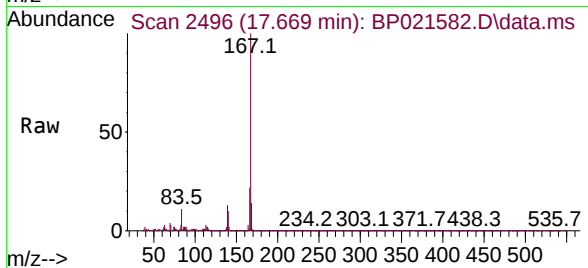
BNA_P

ClientSampleId :

VCPS-B3-081324-10-18MSD

Tgt Ion:167 Resp: 4430077

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.4
139	13.0	9.9	14.9



#74

Di-n-butylphthalate

Concen: 48.930 ng

RT: 18.275 min Scan# 2599

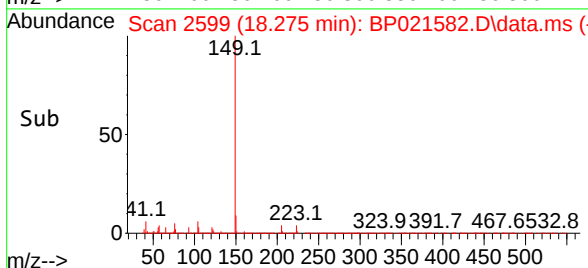
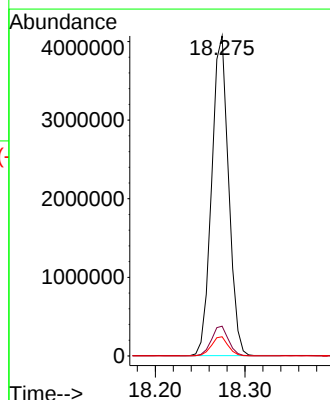
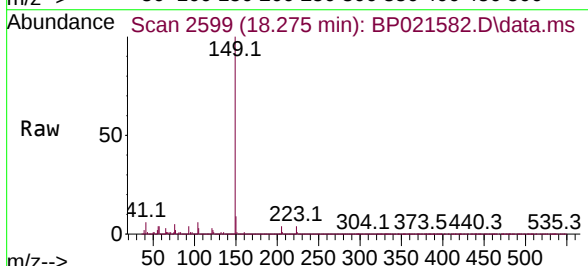
Delta R.T. -0.000 min

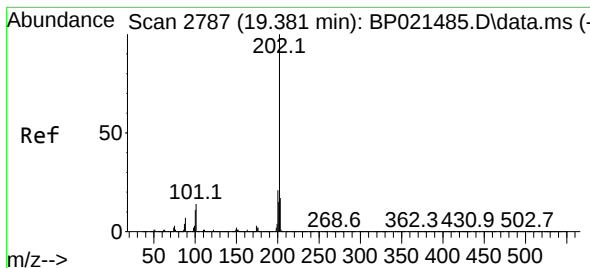
Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Tgt Ion:149 Resp: 5320273

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	6.0	4.9	7.3





#75

Fluoranthene

Concen: 52.569 ng

RT: 19.392 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18MSD

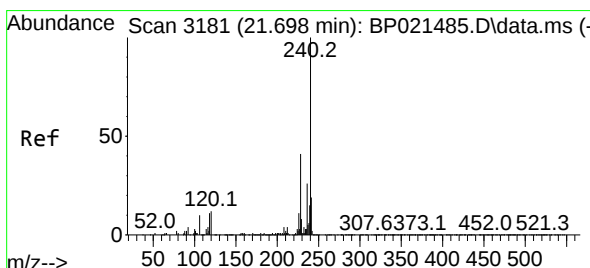
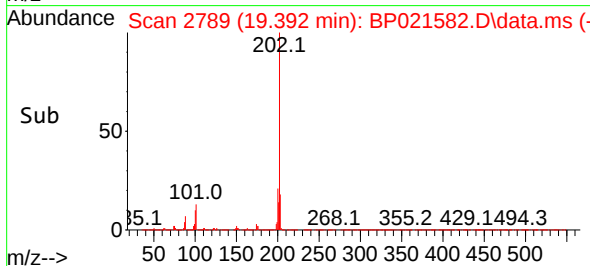
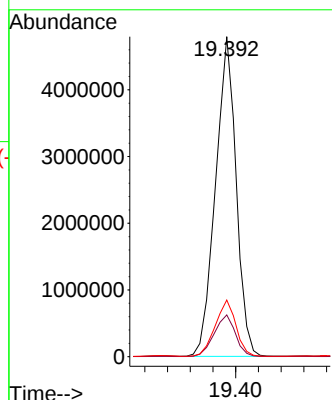
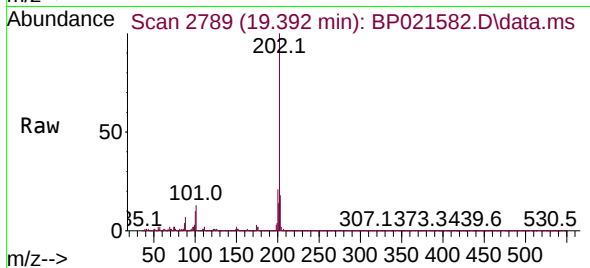
Tgt Ion:202 Resp: 6042127

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.0

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.733 min Scan# 3187

Delta R.T. 0.035 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

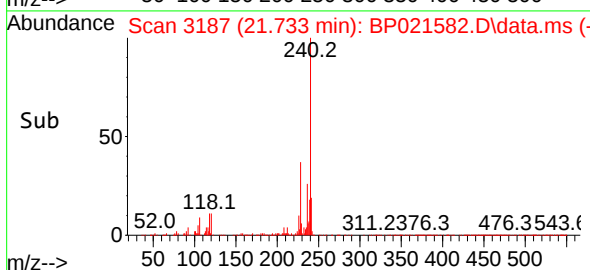
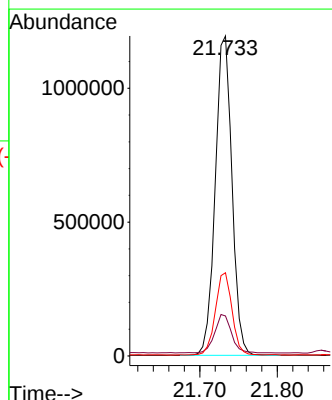
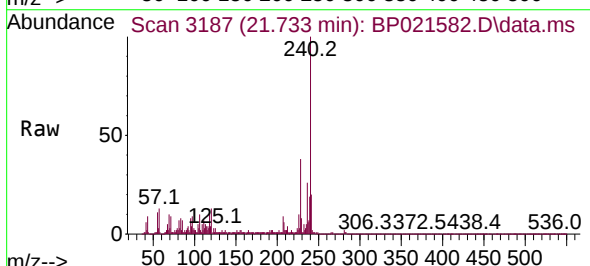
Tgt Ion:240 Resp: 1784848

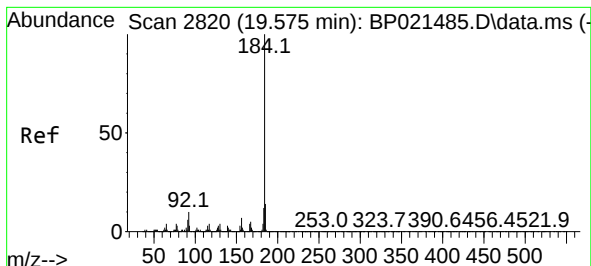
Ion Ratio Lower Upper

240 100

120 12.5 9.9 14.9

236 26.0 20.6 30.8





#77

Benzidine

Concen: 53.212 ng

RT: 19.580 min Scan# 2820

Delta R.T. 0.005 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18MSD

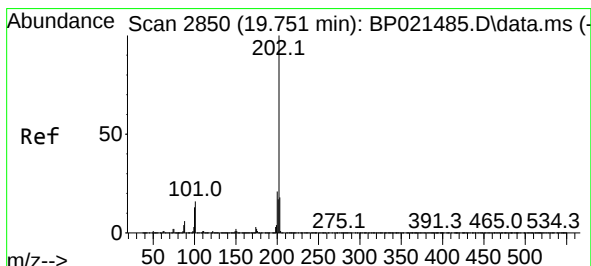
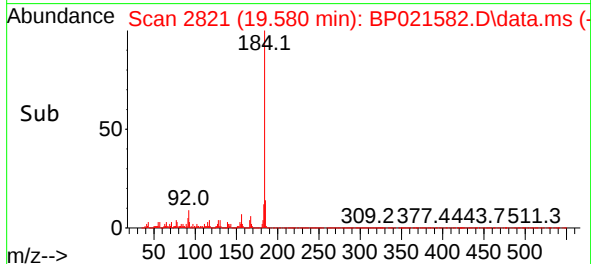
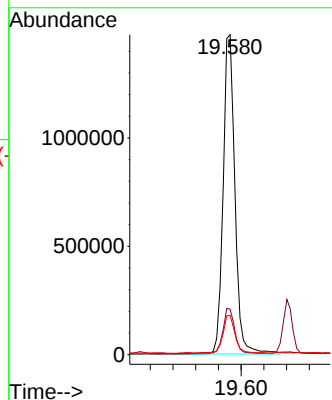
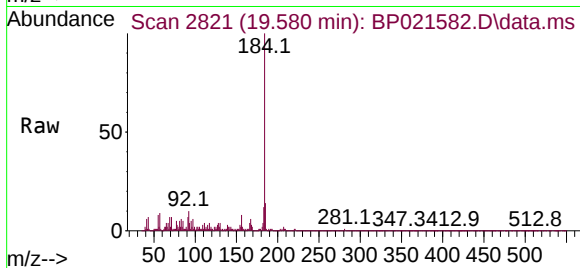
Tgt Ion:184 Resp: 2139580

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 12.2 9.3 13.9



#78

Pyrene

Concen: 52.783 ng

RT: 19.769 min Scan# 2853

Delta R.T. 0.017 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

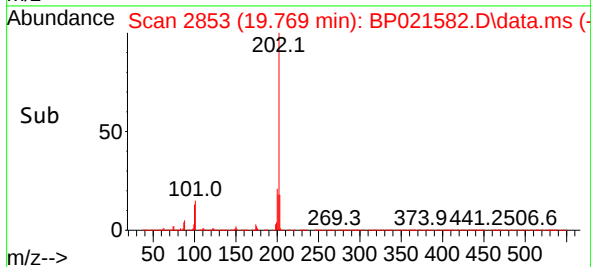
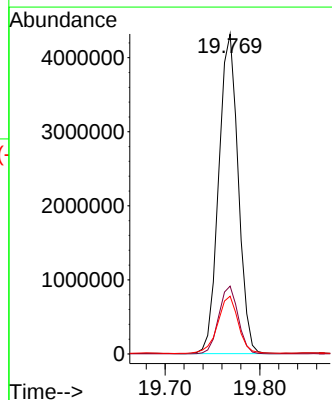
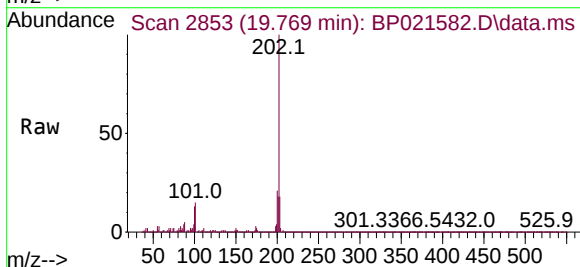
Tgt Ion:202 Resp: 6157730

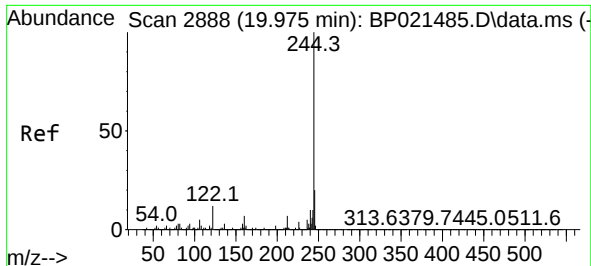
Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

203 18.0 14.1 21.1

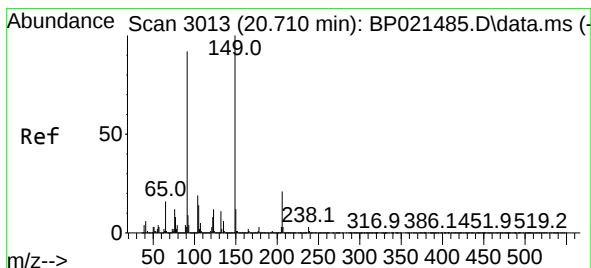
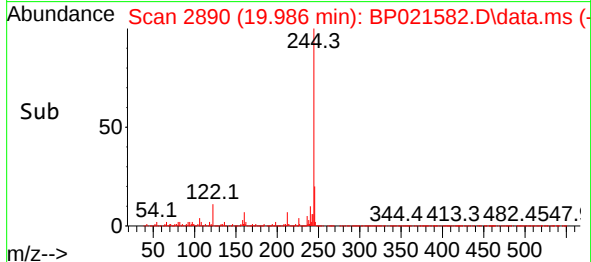
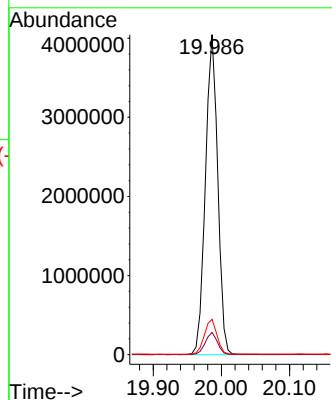
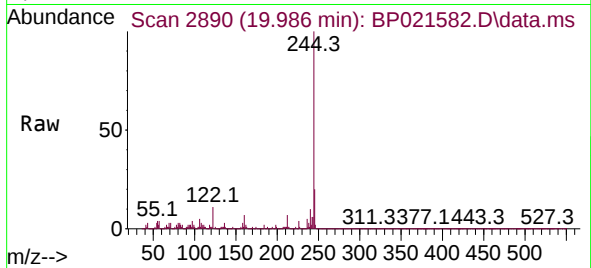




#79
 Terphenyl-d14
 Concen: 55.185 ng
 RT: 19.986 min Scan# 2888
 Delta R.T. 0.011 min
 Lab File: BP021582.D
 Acq: 20 Aug 2024 21:44

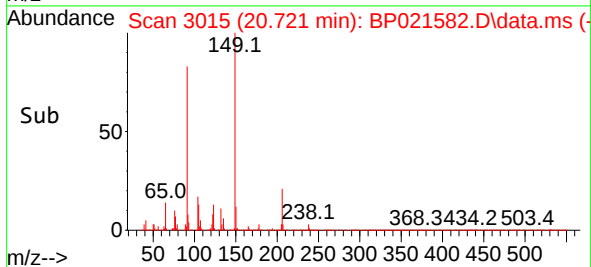
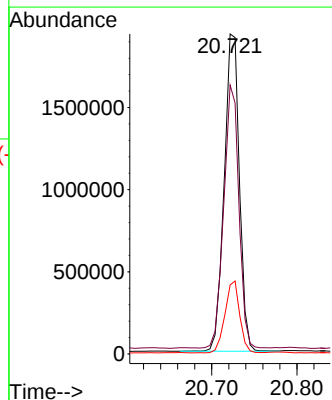
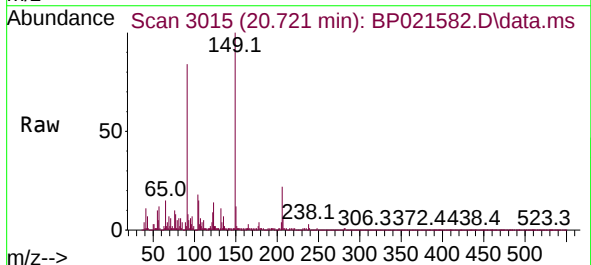
Instrument :
 BNA_P
 ClientSampleId :
 VCPS-B3-081324-10-18MSD

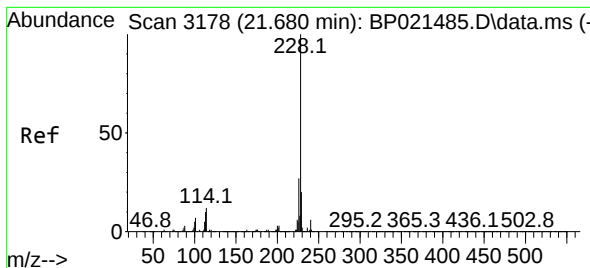
Tgt Ion:244 Resp: 5069990
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.0 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 53.917 ng
 RT: 20.721 min Scan# 3015
 Delta R.T. 0.011 min
 Lab File: BP021582.D
 Acq: 20 Aug 2024 21:44

Tgt Ion:149 Resp: 2408535
 Ion Ratio Lower Upper
 149 100
 91 84.1 73.3 109.9
 206 21.5 17.1 25.7





#81

Benzo(a)anthracene

Concen: 53.515 ng

RT: 21.710 min Scan# 3183

Delta R.T. 0.029 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18MSD

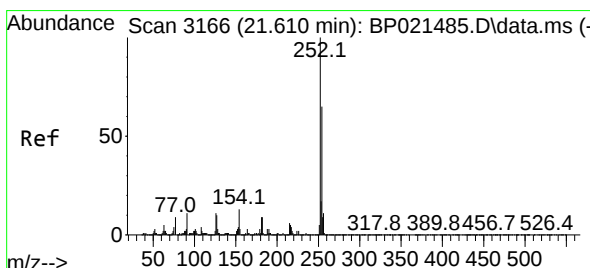
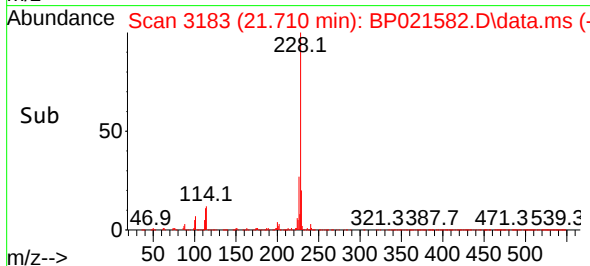
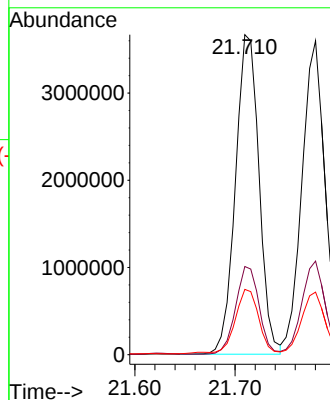
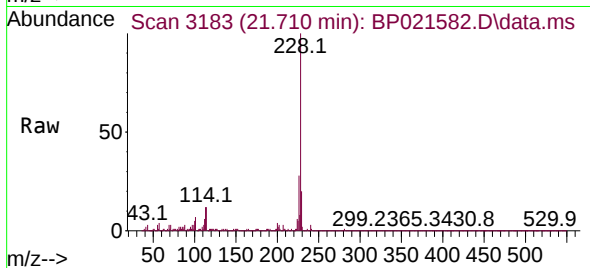
Tgt Ion:228 Resp: 5996120

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.2

229 20.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 31.862 ng

RT: 21.627 min Scan# 3169

Delta R.T. 0.017 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

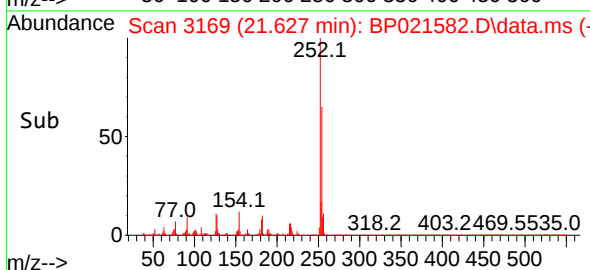
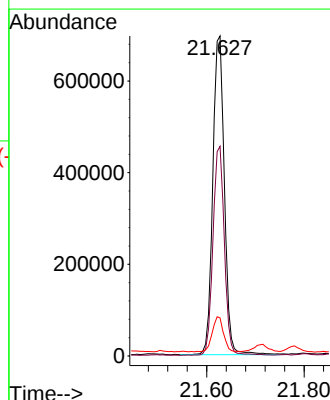
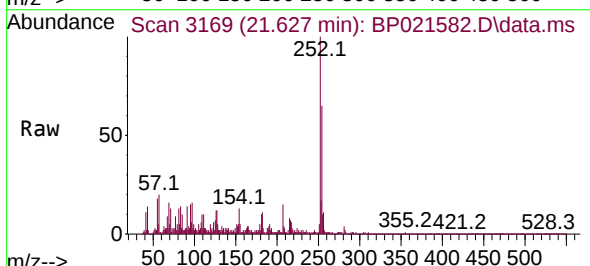
Tgt Ion:252 Resp: 1144621

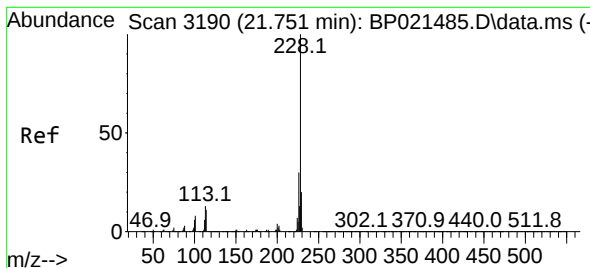
Ion Ratio Lower Upper

252 100

254 65.5 51.7 77.5

126 11.9 8.7 13.1





#83

Chrysene

Concen: 54.002 ng

RT: 21.780 min Scan# 31

Delta R.T. 0.029 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18MSD

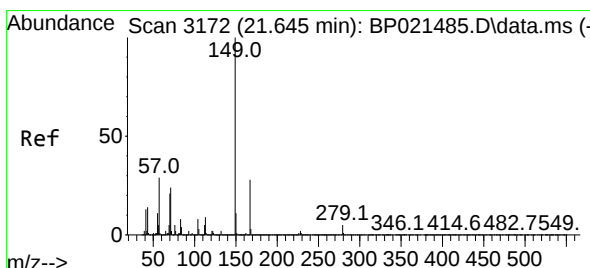
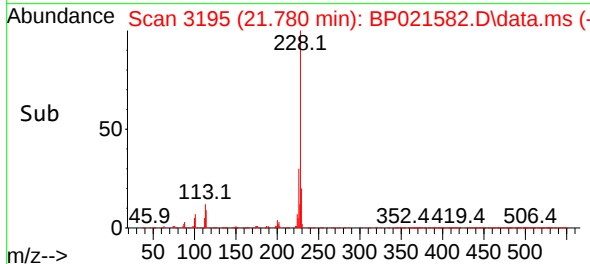
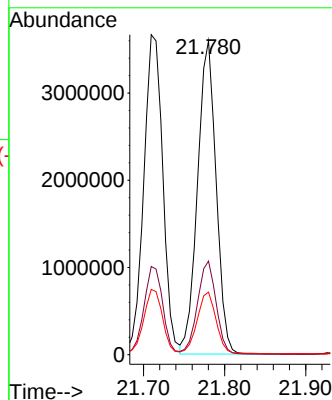
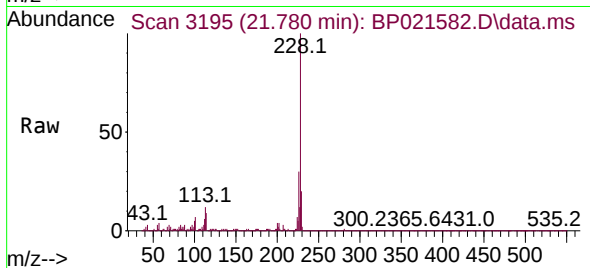
Tgt Ion:228 Resp: 5712730

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.243 ng

RT: 21.663 min Scan# 3175

Delta R.T. 0.017 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

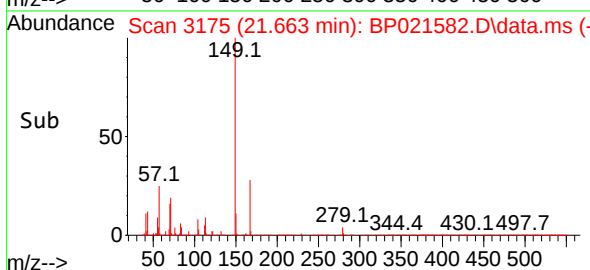
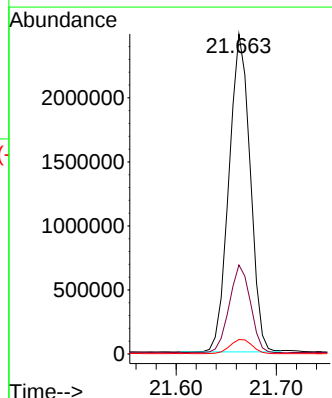
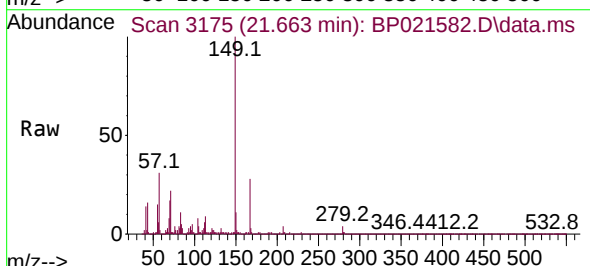
Tgt Ion:149 Resp: 3658348

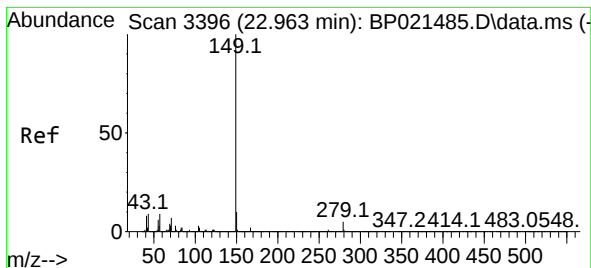
Ion Ratio Lower Upper

149 100

167 27.8 22.3 33.5

279 4.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 56.180 ng

RT: 22.986 min Scan# 34

Delta R.T. 0.023 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18MSD

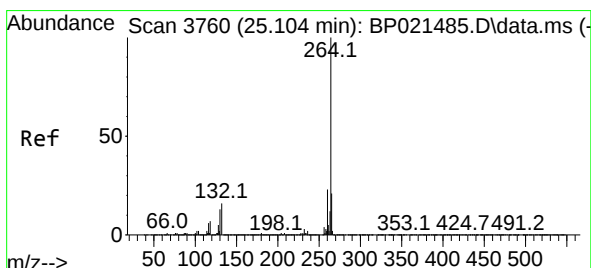
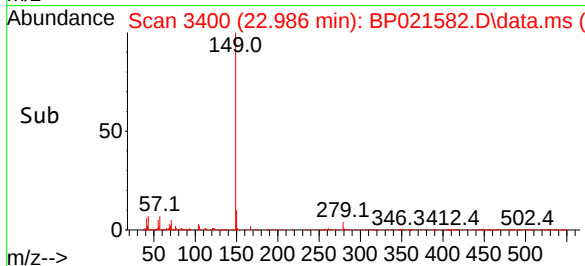
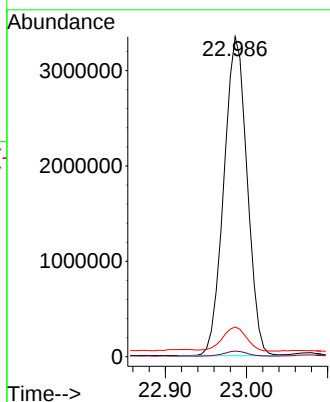
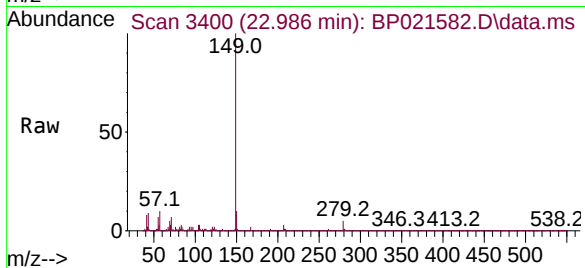
Tgt Ion:149 Resp: 6642041

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.174 min Scan# 3772

Delta R.T. 0.070 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

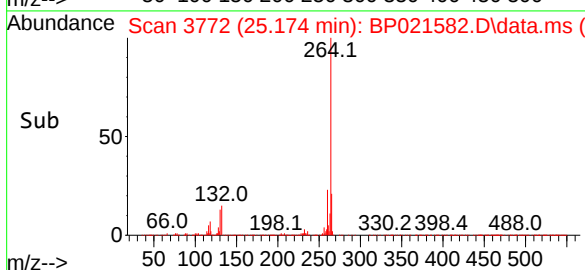
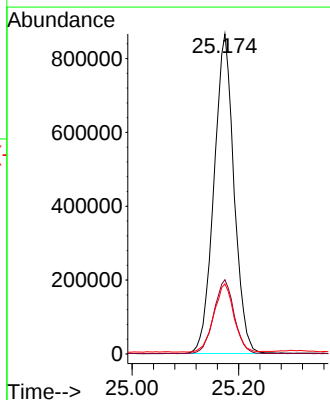
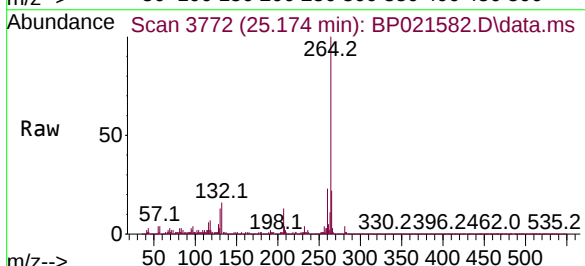
Tgt Ion:264 Resp: 2256543

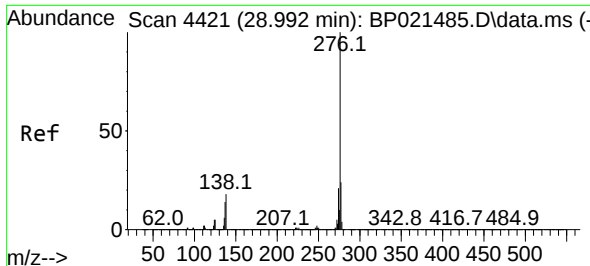
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.9 17.1 25.7

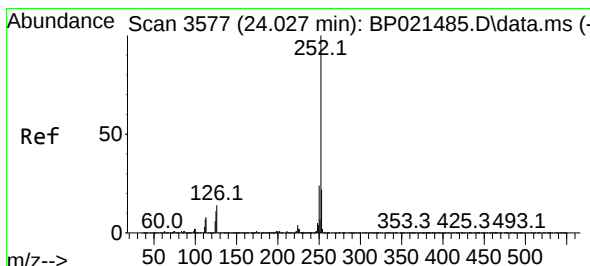
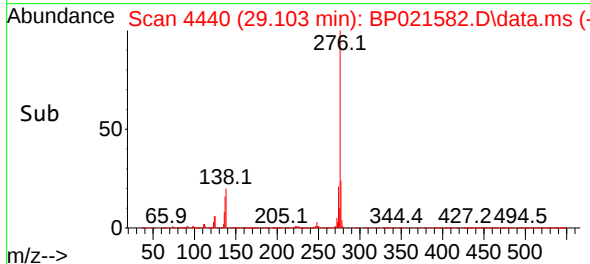
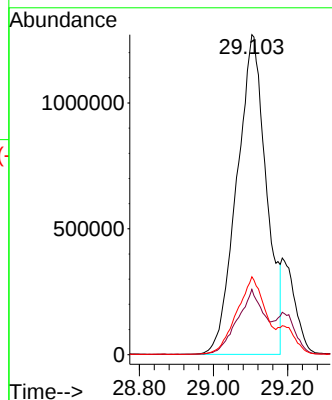
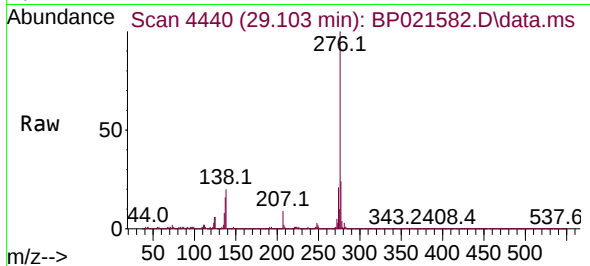




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.966 ng
 RT: 29.103 min Scan# 4421
 Delta R.T. 0.112 min
 Lab File: BP021582.D
 Acq: 20 Aug 2024 21:44

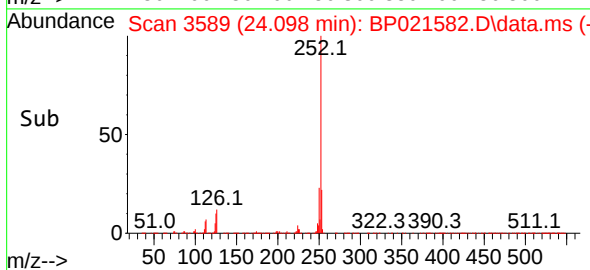
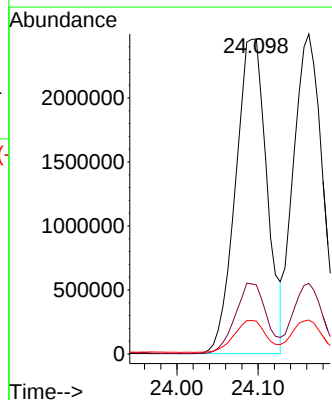
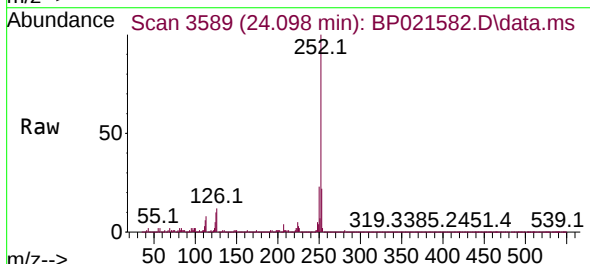
Instrument :
 BNA_P
 ClientSampleId :
 VCPS-B3-081324-10-18MSD

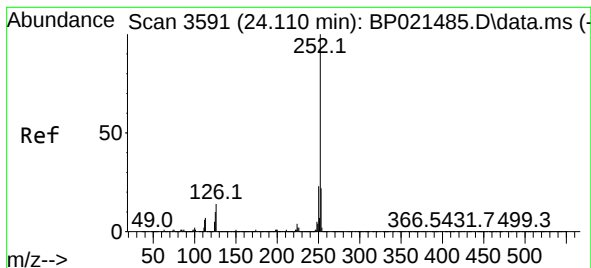
Tgt Ion:276 Resp: 7016106
 Ion Ratio Lower Upper
 276 100
 138 18.4 12.8 19.2
 277 23.4 16.5 24.7



#88
 Benzo(b)fluoranthene
 Concen: 51.030 ng
 RT: 24.098 min Scan# 3589
 Delta R.T. 0.070 min
 Lab File: BP021582.D
 Acq: 20 Aug 2024 21:44

Tgt Ion:252 Resp: 6613372
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.6 26.4
 125 10.4 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 48.741 ng

RT: 24.162 min Scan# 30

Delta R.T. 0.053 min

Lab File: BP021582.D

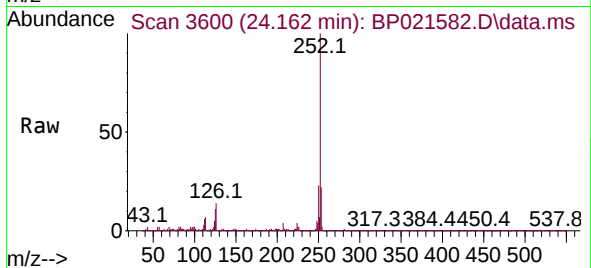
Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

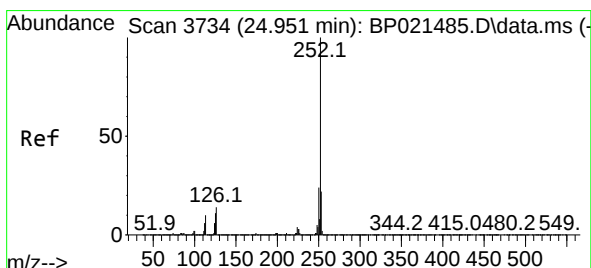
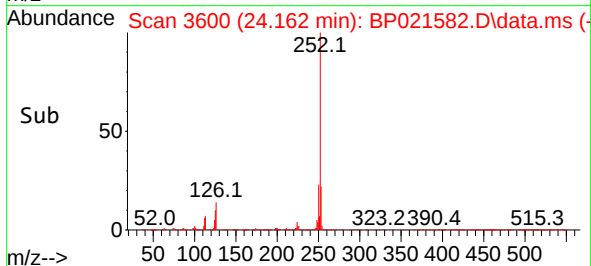
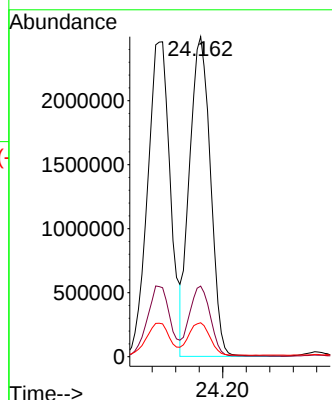
ClientSampleId :

VCPS-B3-081324-10-18MSD



Tgt Ion:252 Resp: 6162027

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.6	7.8	11.8



#90

Benzo(a)pyrene

Concen: 54.797 ng

RT: 25.021 min Scan# 3746

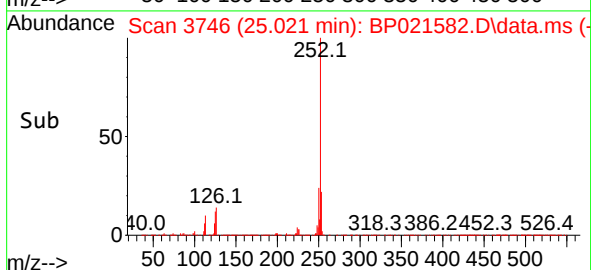
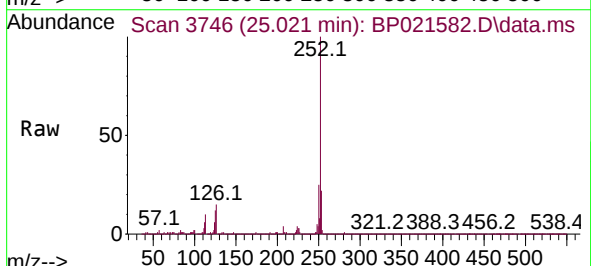
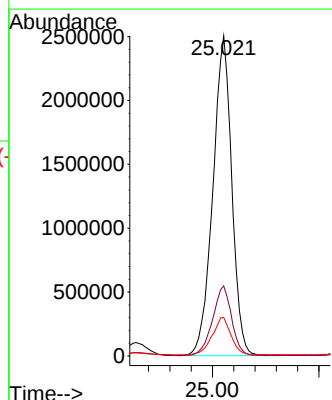
Delta R.T. 0.070 min

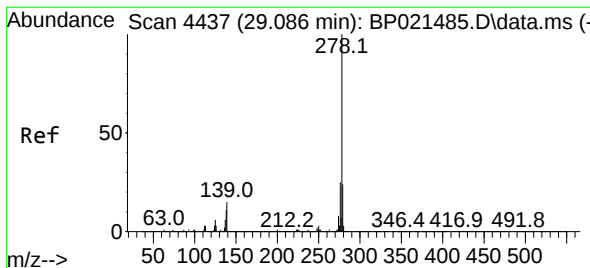
Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Tgt Ion:252 Resp: 6162757

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	12.0	8.7	13.1





#91

Dibenzo(a,h)anthracene

Concen: 52.372 ng

RT: 29.192 min Scan# 4437

Delta R.T. 0.106 min

Lab File: BP021582.D

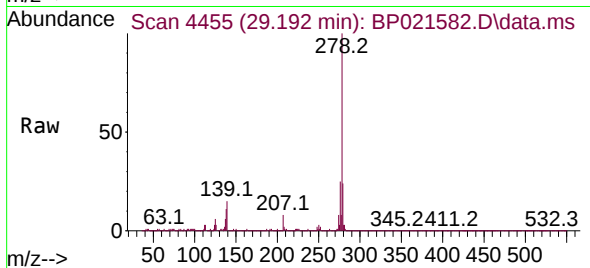
Acq: 20 Aug 2024 21:44

Instrument :

BNA_P

ClientSampleId :

VCPS-B3-081324-10-18MSD



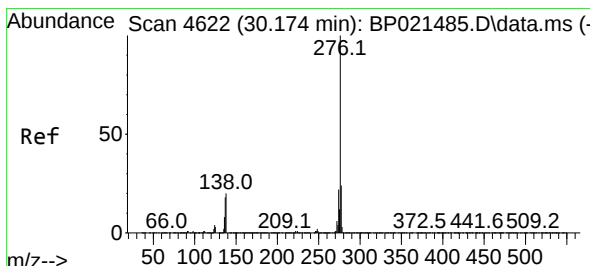
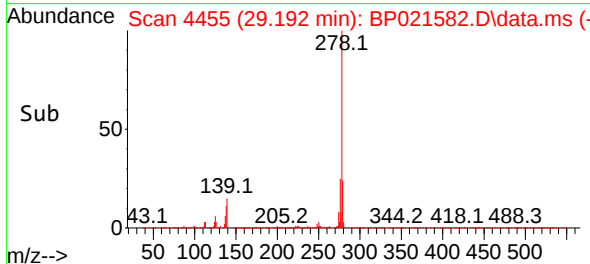
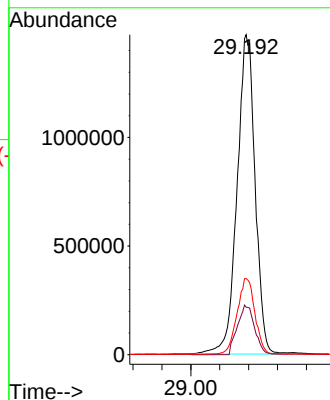
Tgt Ion:278 Resp: 6365123

Ion Ratio Lower Upper

278 100

139 14.9 12.2 18.4

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 50.247 ng

RT: 30.292 min Scan# 4642

Delta R.T. 0.117 min

Lab File: BP021582.D

Acq: 20 Aug 2024 21:44

Tgt Ion:276 Resp: 6120815

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.6

138 21.1 16.0 24.0

