

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021569.D
 Acq On : 20 Aug 2024 12:13
 Operator : RC/JU
 Sample : PB162822BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162822BSD

Quant Time: Aug 20 12:41:50 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	7.805	152	491039	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	2018197	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1318739	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2796133	20.000	ng	0.02
76) Chrysene-d12	21.739	240	2515502	20.000	ng	0.04
86) Perylene-d12	25.186	264	2791666	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	4528303	136.932	ng	0.02
7) Phenol-d6	6.975	99	6165876	127.814	ng	0.01
23) Nitrobenzene-d5	8.958	82	3635318	92.973	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	2257963	153.843	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	6931075	80.212	ng	0.00
79) Terphenyl-d14	19.992	244	11484368	88.694	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	451297	28.781	ng	99
3) Pyridine	3.717	79	1175163	26.847	ng	95
4) n-Nitrosodimethylamine	3.623	42	558739	42.467	ng	93
6) Aniline	7.134	93	1298454	26.924	ng	96
8) 2-Chlorophenol	7.375	128	1596706	52.247	ng	94
9) Benzaldehyde	6.946	77	633581	20.512	ng	92
10) Phenol	7.005	94	2374061	47.524	ng	96
11) bis(2-Chloroethyl)ether	7.228	93	1760124	41.640	ng	96
12) 1,3-Dichlorobenzene	7.699	146	1573718	43.352	ng	97
13) 1,4-Dichlorobenzene	7.840	146	1603764	43.753	ng	98
14) 1,2-Dichlorobenzene	8.158	146	1559102	44.137	ng	100
15) Benzyl Alcohol	8.040	79	1626253	46.983	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1647523	42.324	ng	97
17) 2-Methylphenol	8.240	107	1536652	48.658	ng	97
18) Hexachloroethane	8.881	117	659730	44.883	ng	99
19) n-Nitroso-di-n-propyla...	8.605	70	1249300	37.490	ng	95
20) 3+4-Methylphenols	8.569	107	2134400	50.123	ng	98
22) Acetophenone	8.622	105	2456033	39.612	ng	# 98
24) Nitrobenzene	8.999	77	1897954	44.692	ng	92
25) Isophorone	9.522	82	3709853	40.161	ng	97
26) 2-Nitrophenol	9.705	139	792325	63.370	ng	93
27) 2,4-Dimethylphenol	9.763	122	1213284	53.222	ng	97
28) bis(2-Chloroethoxy)met...	10.005	93	2367345	41.984	ng	99
29) 2,4-Dichlorophenol	10.240	162	1480451	54.964	ng	97
30) 1,2,4-Trichlorobenzene	10.458	180	1492819	43.230	ng	98
31) Naphthalene	10.646	128	4603512	43.664	ng	100
32) Benzoic acid	9.922	122	1217860	69.039	ng	93
33) 4-Chloroaniline	10.746	127	1119273	28.262	ng	96
34) Hexachlorobutadiene	10.940	225	903824	41.569	ng	98
35) Caprolactam	11.540	113	356531	31.801	ng	88
36) 4-Chloro-3-methylphenol	11.881	107	1952285	52.252	ng	97
37) 2-Methylnaphthalene	12.257	142	3183184	44.238	ng	99
38) 1-Methylnaphthalene	12.481	142	2982545	42.027	ng	99
40) 1,2,4,5-Tetrachloroben...	12.634	216	1566485	40.541	ng	99
41) Hexachlorocyclopentadiene	12.616	237	1393597	113.798	ng	98
43) 2,4,6-Trichlorophenol	12.869	196	1231858	57.393	ng	100

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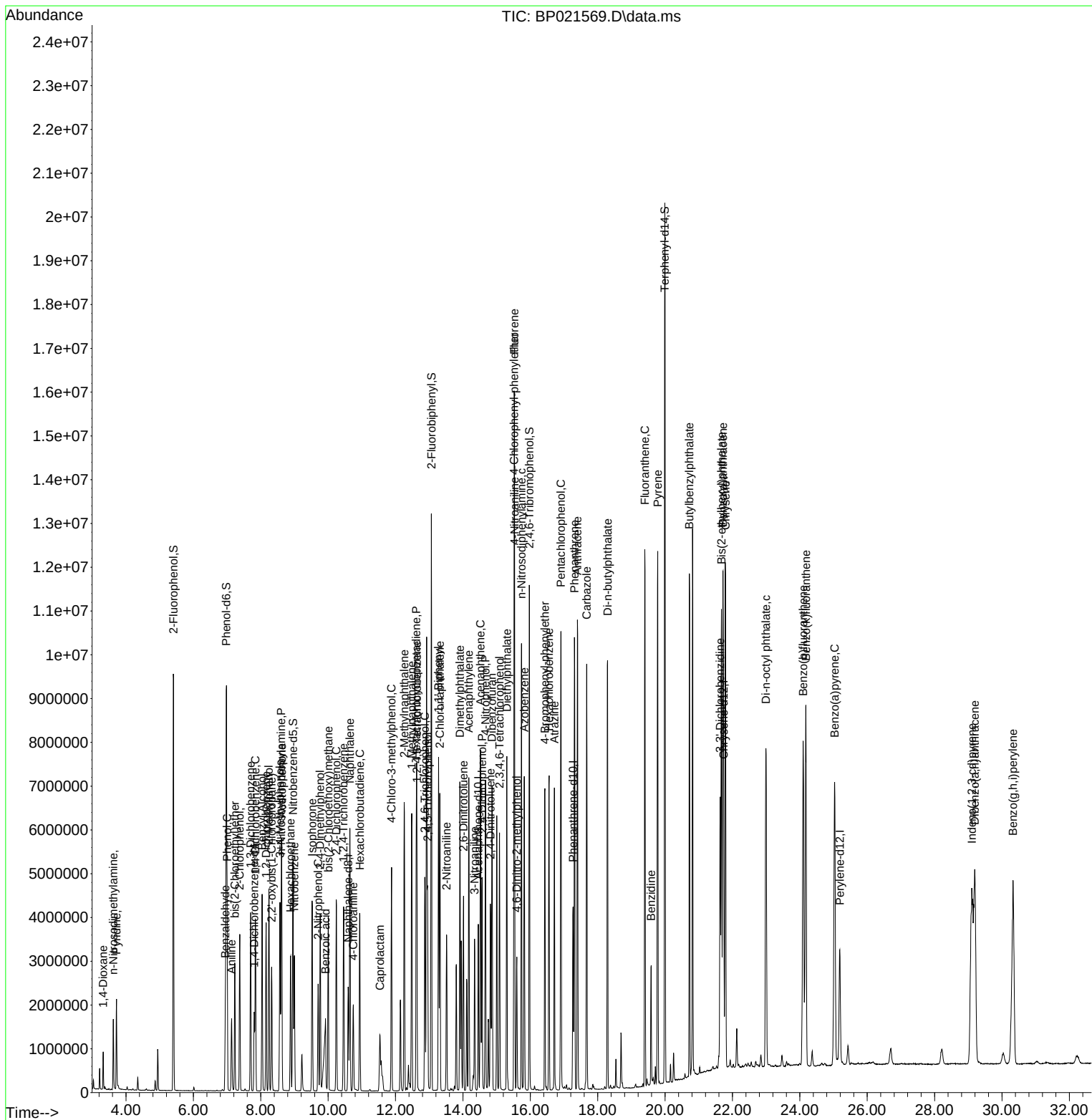
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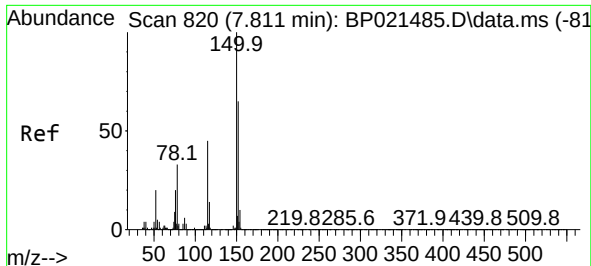
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.952	196	1315468	55.163	ng	96
46) 1,1'-Biphenyl	13.275	154	3776973	40.481	ng	98
47) 2-Chloronaphthalene	13.316	162	3185536	43.854	ng	99
48) 2-Nitroaniline	13.516	65	1126118	54.530	ng	# 86
49) Acenaphthylene	14.175	152	5275845	49.407	ng	100
50) Dimethylphthalate	13.910	163	4233153	47.933	ng	100
51) 2,6-Dinitrotoluene	14.016	165	940351	52.381	ng	91
52) Acenaphthene	14.522	154	3061538	43.696	ng	100
53) 3-Nitroaniline	14.346	138	775492	44.582	ng	# 90
54) 2,4-Dinitrophenol	14.569	184	965462	121.666	ng	# 85
55) Dibenzofuran	14.863	168	4988509	46.284	ng	99
56) 4-Nitrophenol	14.669	139	1714088	114.676	ng	87
57) 2,4-Dinitrotoluene	14.816	165	1335111	57.774	ng	89
58) Fluorene	15.528	166	3864218	43.641	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.087	232	1185204	58.555	ng	99
60) Diethylphthalate	15.304	149	4259031	47.002	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	1966279	42.961	ng	98
62) 4-Nitroaniline	15.534	138	951854	52.570	ng	91
63) Azobenzene	15.822	77	4620647	41.483	ng	95
65) 4,6-Dinitro-2-methylph...	15.598	198	702004	70.723	ng	96
66) n-Nitrosodiphenylamine	15.740	169	3529833	47.107	ng	99
67) 4-Bromophenyl-phenylether	16.434	248	1341601	45.335	ng	99
68) Hexachlorobenzene	16.557	284	1574085	45.010	ng	99
69) Atrazine	16.716	200	1144071	44.470	ng	99
70) Pentachlorophenol	16.910	266	2107986	110.436	ng	99
71) Phenanthrene	17.310	178	6401785	47.607	ng	100
72) Anthracene	17.398	178	6424495	48.715	ng	99
73) Carbazole	17.675	167	6219869	48.939	ng	99
74) Di-n-butylphthalate	18.292	149	7501228	48.058	ng	100
75) Fluoranthene	19.398	202	7658708	46.418	ng	99
77) Benzidine	19.586	184	1654718	28.295	ng	100
78) Pyrene	19.781	202	7888730	47.980	ng	100
80) Butylbenzylphthalate	20.722	149	3397196	53.957	ng	95
81) Benzo(a)anthracene	21.716	228	7693671	48.721	ng	99
82) 3,3'-Dichlorobenzidine	21.633	252	2315165	45.726	ng	99
83) Chrysene	21.792	228	7276214	48.803	ng	99
84) Bis(2-ethylhexyl)phtha...	21.675	149	4995239	53.521	ng	100
85) Di-n-octyl phthalate	22.992	149	8711748	52.619	ng	97
87) Indeno(1,2,3-cd)pyrene	29.104	276	9758827	53.928	ng	97
88) Benzo(b)fluoranthene	24.098	252	7945368	49.556	ng	100
89) Benzo(k)fluoranthene	24.180	252	7758942	49.608	ng	100
90) Benzo(a)pyrene	25.033	252	7515255	54.014	ng	99
91) Dibenzo(a,h)anthracene	29.192	278	8019357	53.335	ng	99
92) Benzo(g,h,i)perylene	30.327	276	7676781	50.941	ng	98

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

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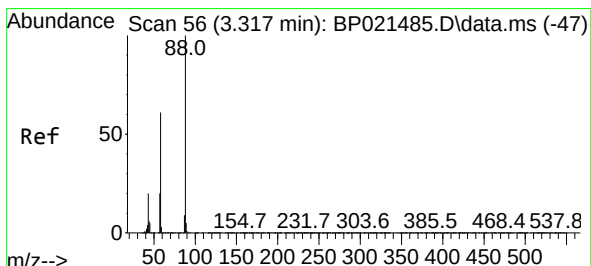
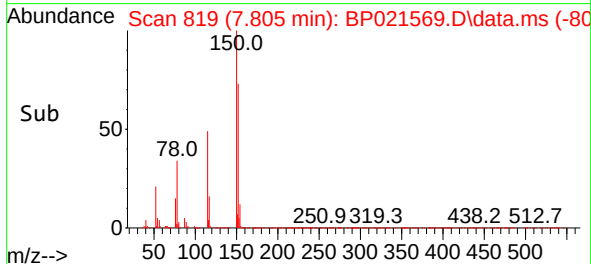
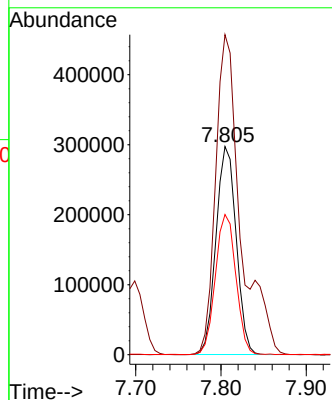
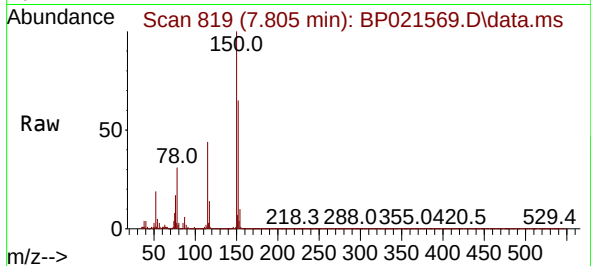




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021569.D
 Acq: 20 Aug 2024 12:13

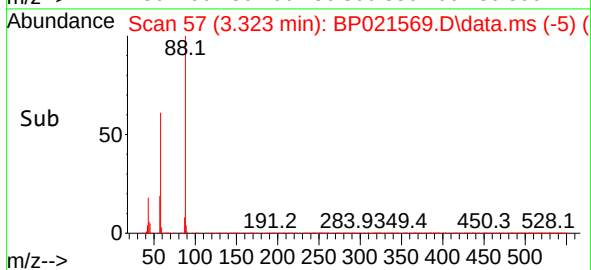
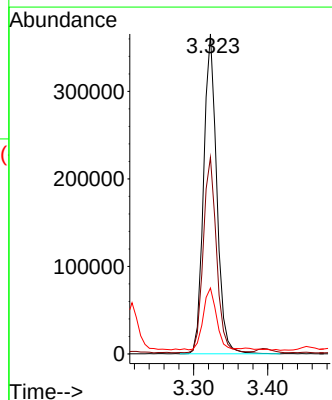
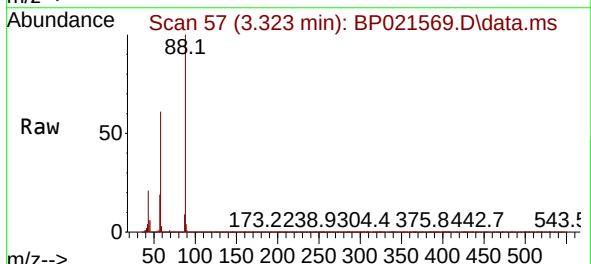
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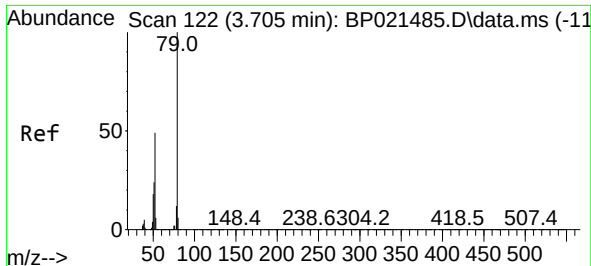
Tgt Ion:152 Resp: 491039
 Ion Ratio Lower Upper
 152 100
 150 153.8 122.4 183.6
 115 67.4 54.7 82.1



#2
 1,4-Dioxane
 Concen: 28.781 ng
 RT: 3.323 min Scan# 57
 Delta R.T. 0.006 min
 Lab File: BP021569.D
 Acq: 20 Aug 2024 12:13

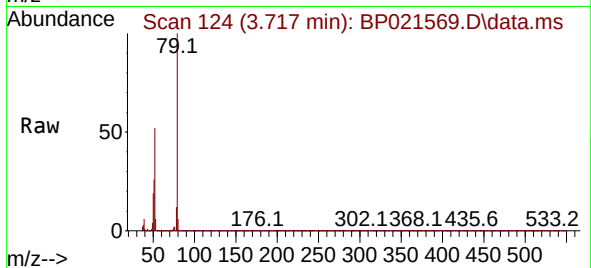
Tgt Ion: 88 Resp: 451297
 Ion Ratio Lower Upper
 88 100
 58 61.9 48.7 73.1
 43 19.9 15.4 23.2



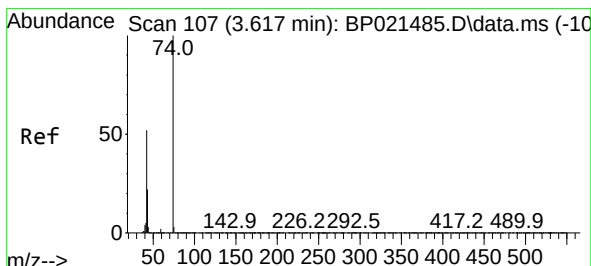
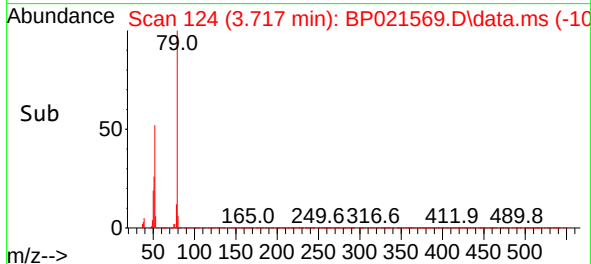
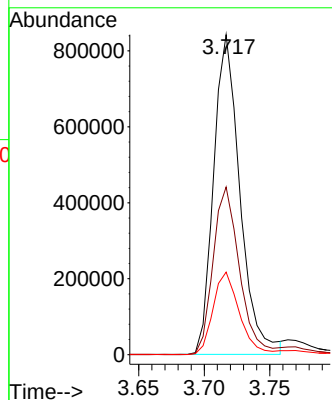


#3
Pyridine
Concen: 26.847 ng
RT: 3.717 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Instrument :
BNA_P
ClientSampleId :
PB162822BSD

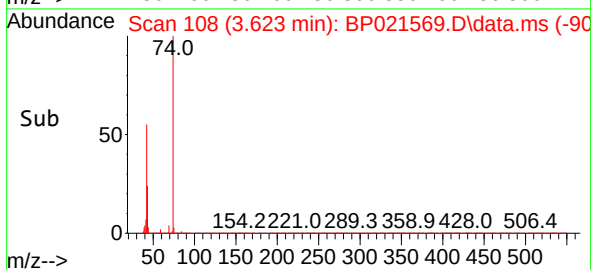
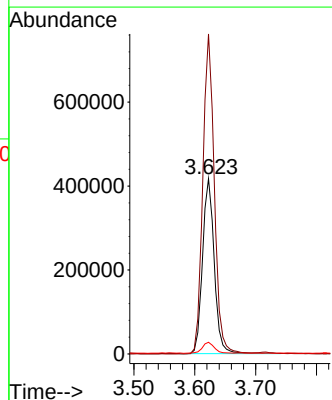
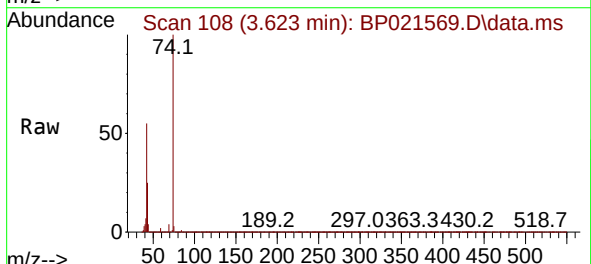


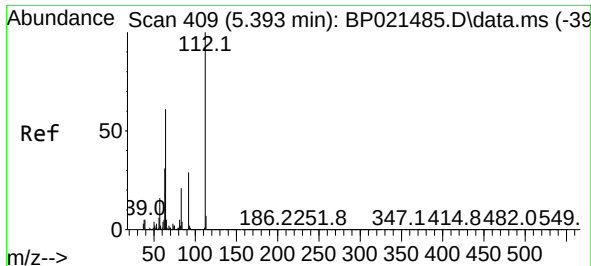
Tgt Ion: 79 Resp: 1175163
Ion Ratio Lower Upper
79 100
52 52.4 39.0 58.6
51 25.8 19.2 28.8



#4
n-Nitrosodimethylamine
Concen: 42.467 ng
RT: 3.623 min Scan# 108
Delta R.T. 0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion: 42 Resp: 558739
Ion Ratio Lower Upper
42 100
74 182.4 154.3 231.5
44 6.7 6.2 9.4

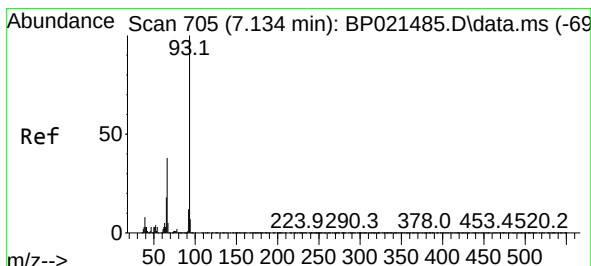
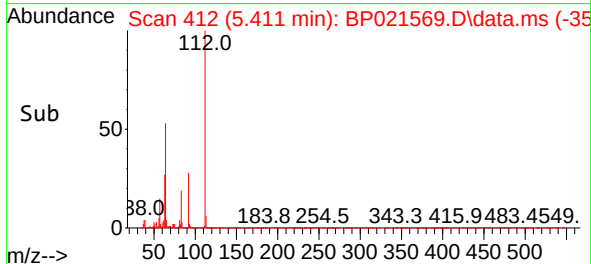
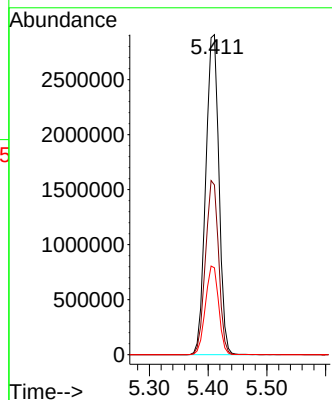
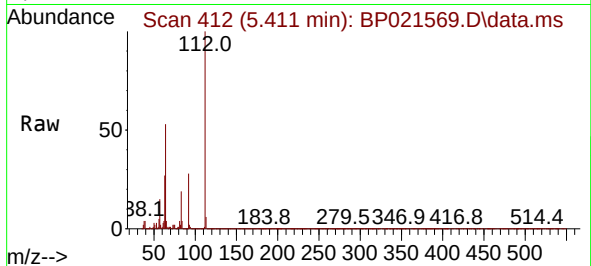




#5
2-Fluorophenol
Concen: 136.932 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.018 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

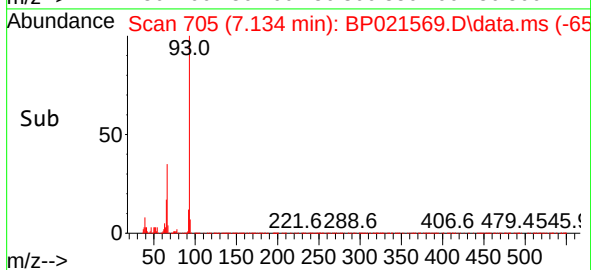
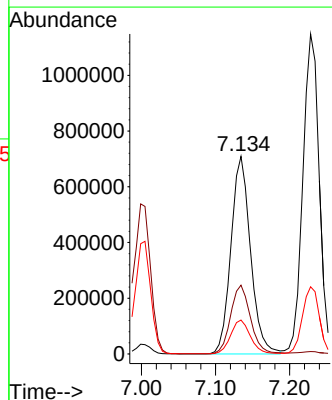
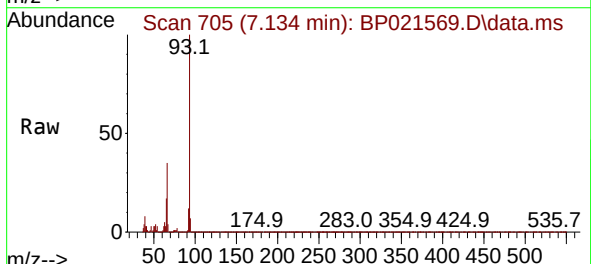
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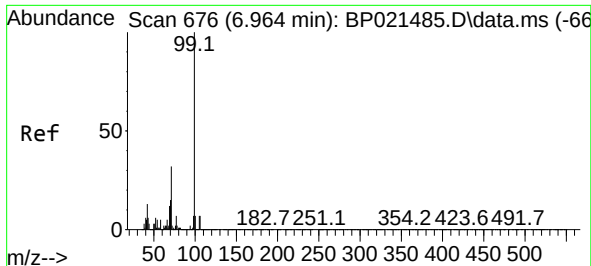
Tgt Ion:112 Resp: 4528303
Ion Ratio Lower Upper
112 100
64 53.0 49.0 73.6
63 27.2 24.6 36.8



#6
Aniline
Concen: 26.924 ng
RT: 7.134 min Scan# 705
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion: 93 Resp: 1298454
Ion Ratio Lower Upper
93 100
66 34.9 30.2 45.2
65 17.2 14.7 22.1

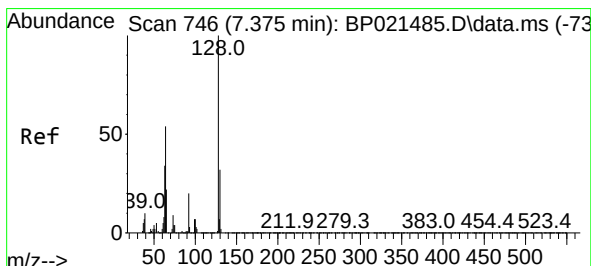
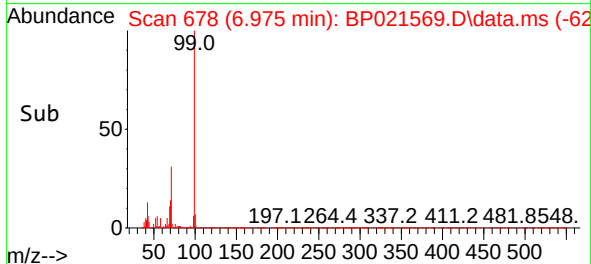
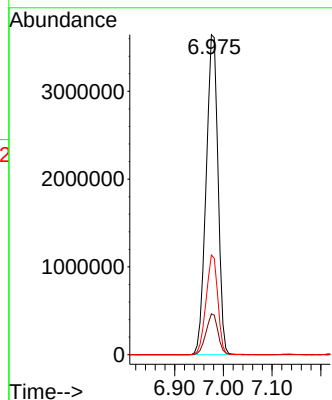
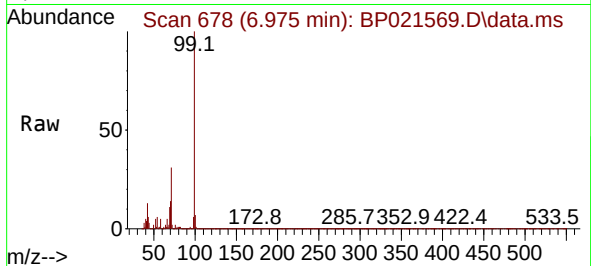




#7
Phenol-d6
Concen: 127.814 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

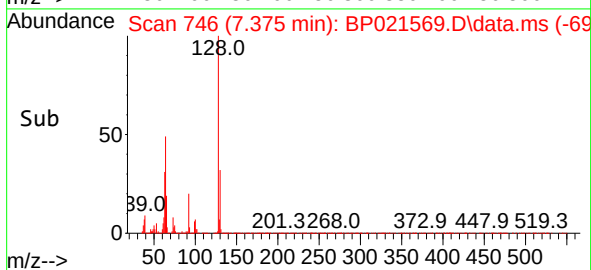
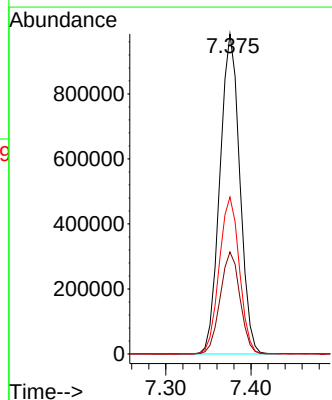
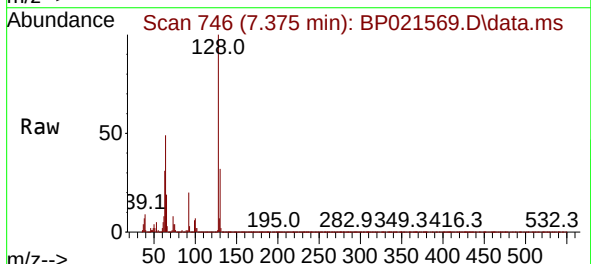
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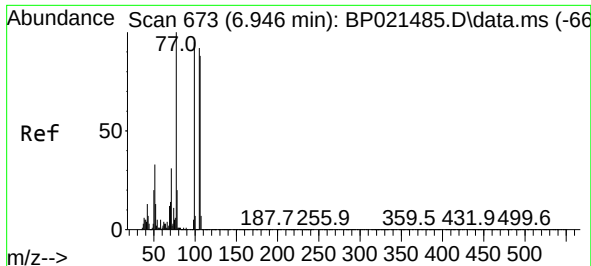
Tgt Ion: 99 Resp: 6165876
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 31.1 25.8 38.8



#8
2-Chlorophenol
Concen: 52.247 ng
RT: 7.375 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:128 Resp: 1596706
Ion Ratio Lower Upper
128 100
130 31.9 11.6 51.6
64 49.1 35.3 75.3

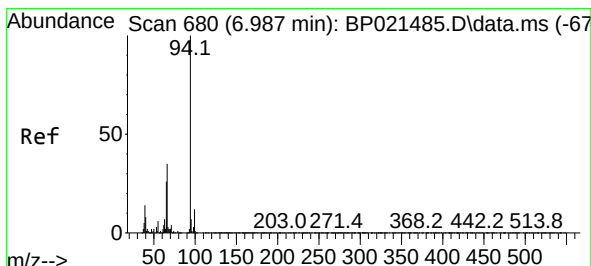
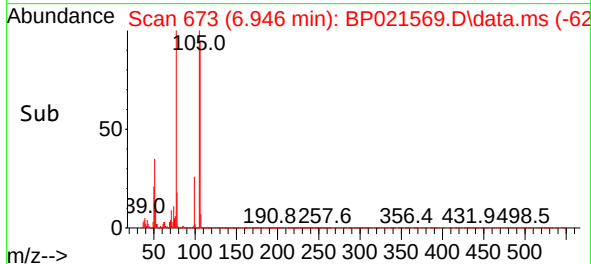
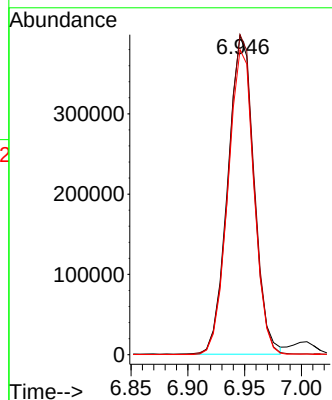
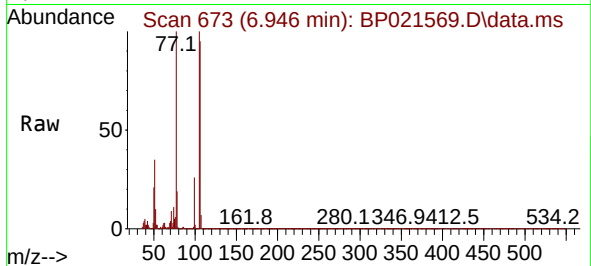




#9
Benzaldehyde
Concen: 20.512 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021569.D
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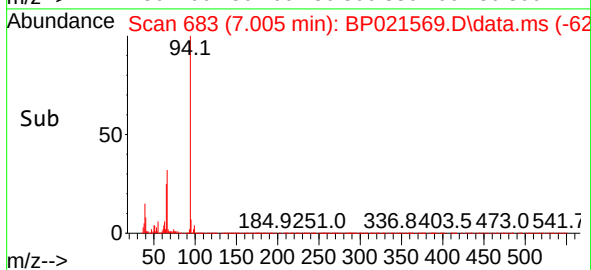
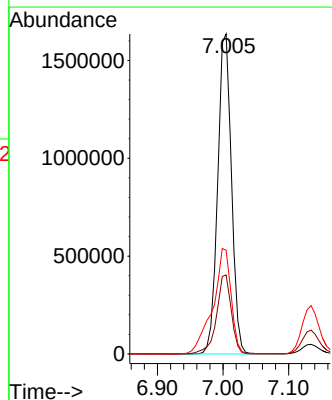
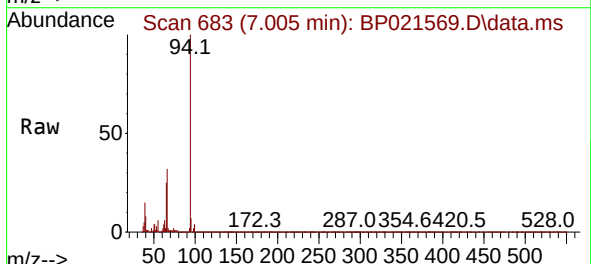
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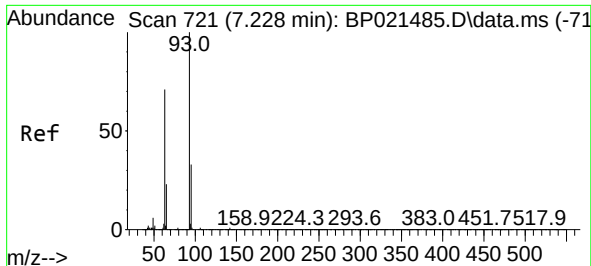
Tgt Ion: 77 Resp: 633581
Ion Ratio Lower Upper
77 100
105 100.3 72.1 112.1
106 95.5 67.9 107.9



#10
Phenol
Concen: 47.524 ng
RT: 7.005 min Scan# 683
Delta R.T. 0.018 min
Lab File: BP021569.D
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Tgt Ion: 94 Resp: 2374061
Ion Ratio Lower Upper
94 100
65 24.7 6.5 46.5
66 32.4 14.7 54.7



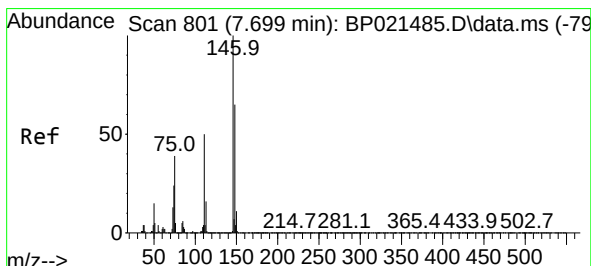
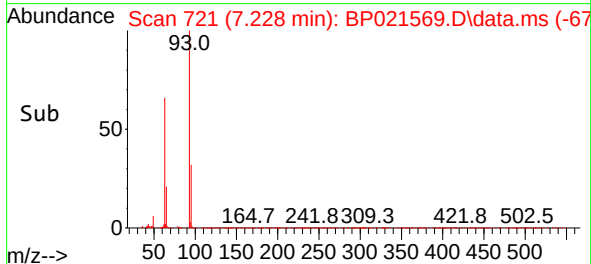
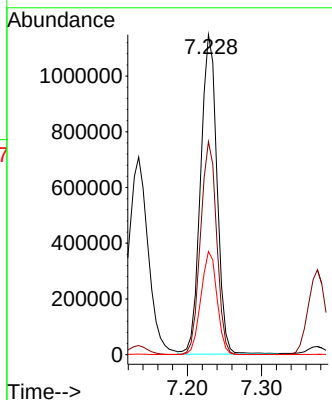
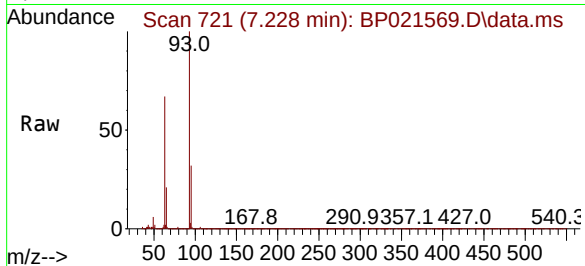


#11
bis(2-Chloroethyl)ether
Concen: 41.640 ng
RT: 7.228 min Scan# 721
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Instrument :
BNA_P
ClientSampleId :
PB162822BSD

Tgt Ion: 93 Resp: 1760124

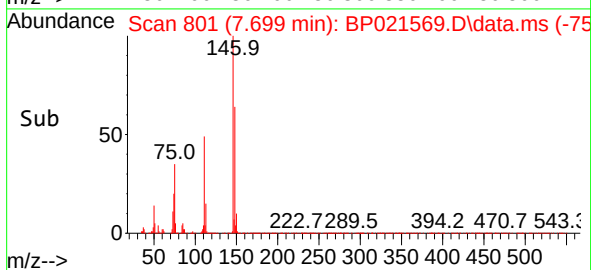
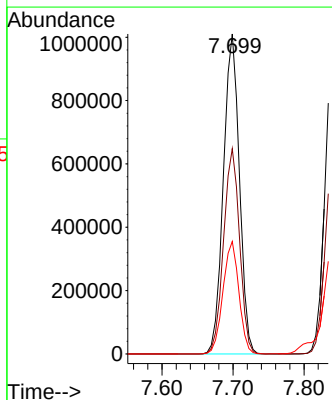
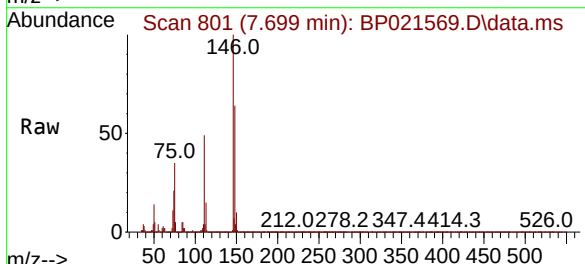
Ion	Ratio	Lower	Upper
93	100		
63	66.6	51.0	91.0
95	32.3	12.9	52.9

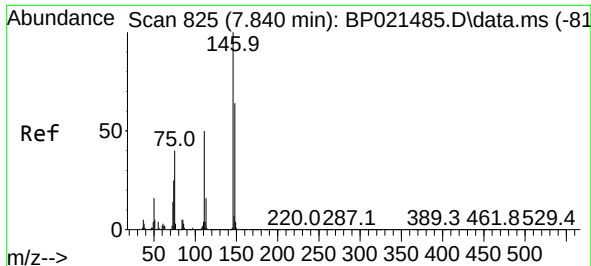


#12
1,3-Dichlorobenzene
Concen: 43.352 ng
RT: 7.699 min Scan# 801
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:146 Resp: 1573718

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
75	35.1	31.3	46.9

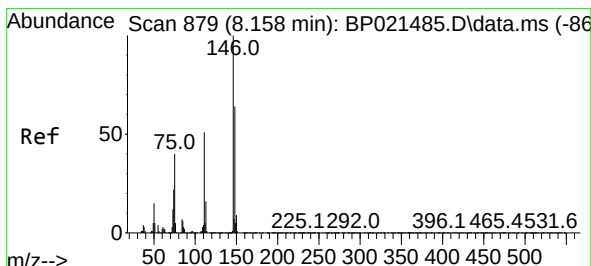
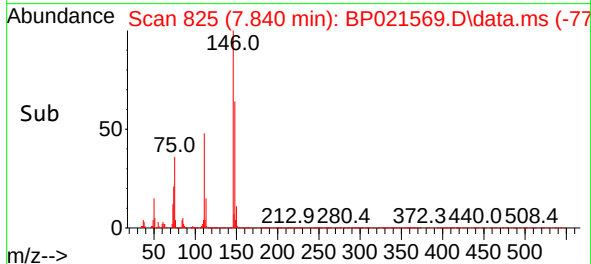
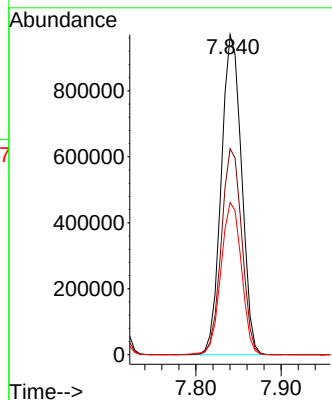
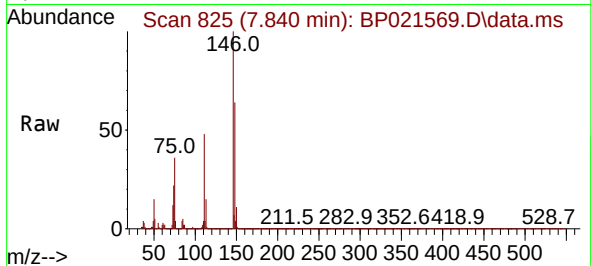




#13
1,4-Dichlorobenzene
Concen: 43.753 ng
RT: 7.840 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

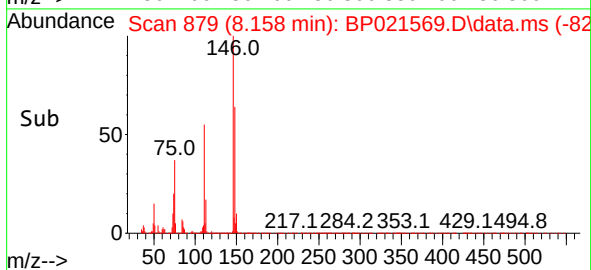
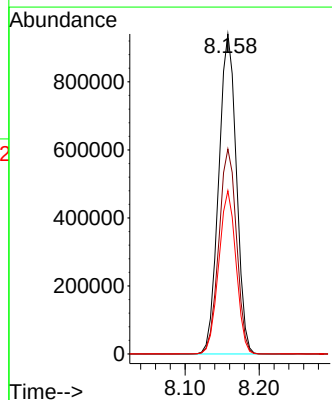
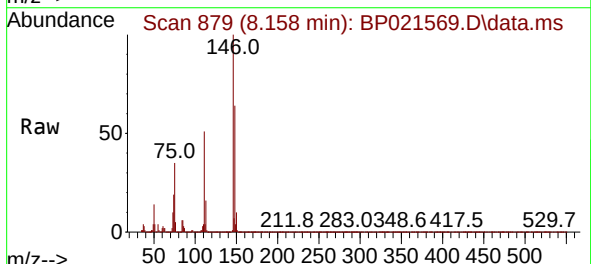
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

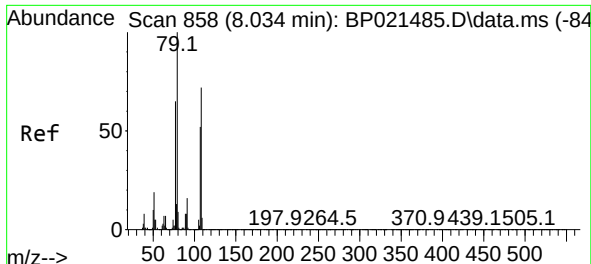
Tgt Ion:146 Resp: 1603764
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 47.5 40.3 60.5



#14
1,2-Dichlorobenzene
Concen: 44.137 ng
RT: 8.158 min Scan# 879
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:146 Resp: 1559102
Ion Ratio Lower Upper
146 100
148 64.1 51.5 77.3
111 51.0 41.1 61.7

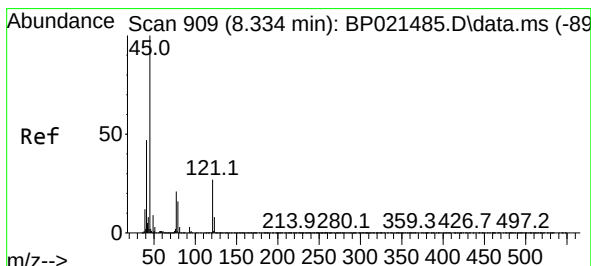
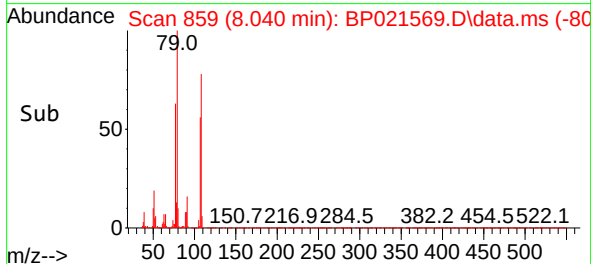
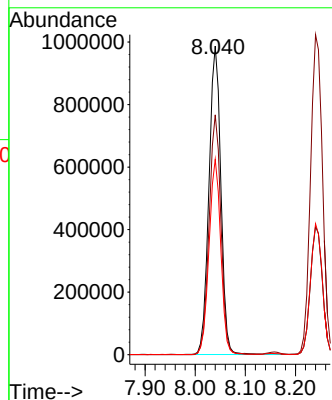
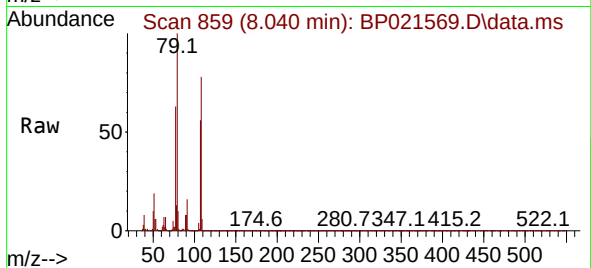




#15
Benzyl Alcohol
Concen: 46.983 ng
RT: 8.040 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

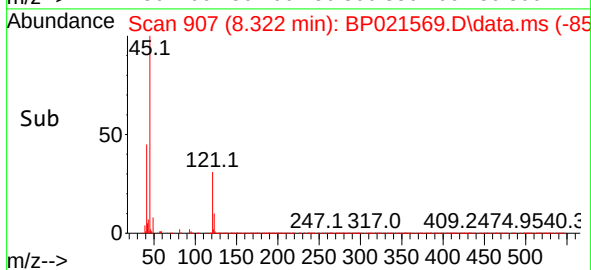
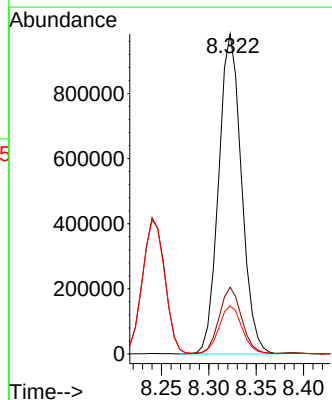
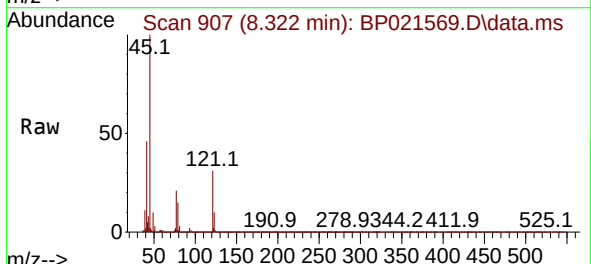
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

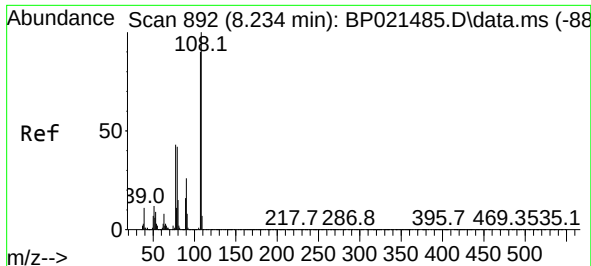
Tgt Ion: 79 Resp: 1626253
Ion Ratio Lower Upper
79 100
108 77.7 57.9 86.9
77 63.3 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.324 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion: 45 Resp: 1647523
Ion Ratio Lower Upper
45 100
77 20.8 1.9 41.9
79 15.0 0.0 36.6

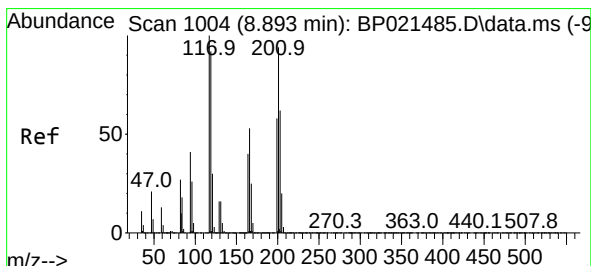
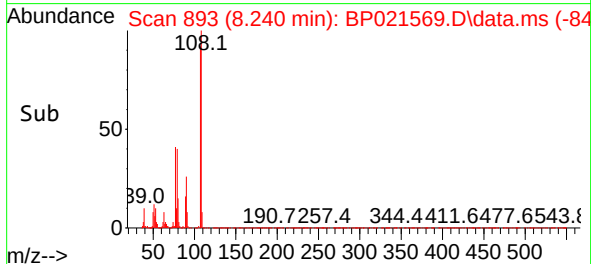
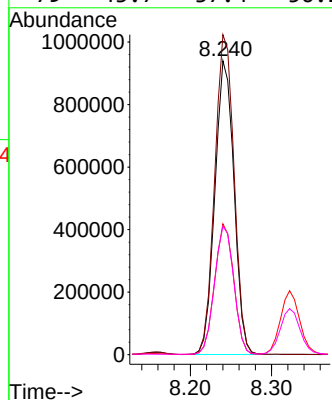
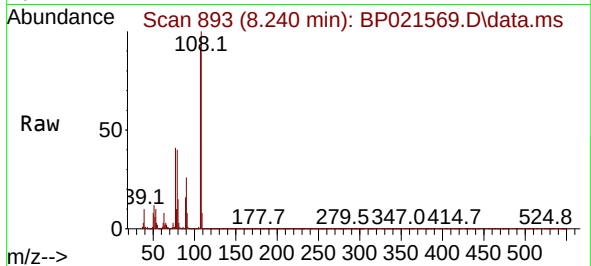




#17
2-Methylphenol
Concen: 48.658 ng
RT: 8.240 min Scan# 892
Delta R.T. 0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

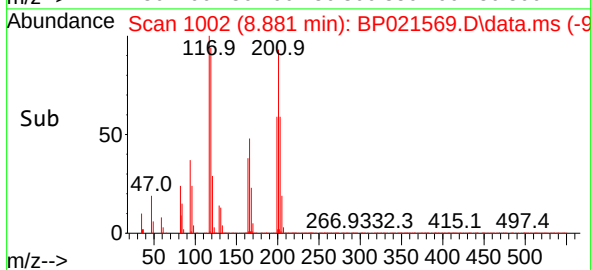
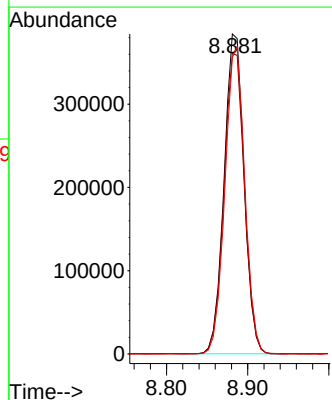
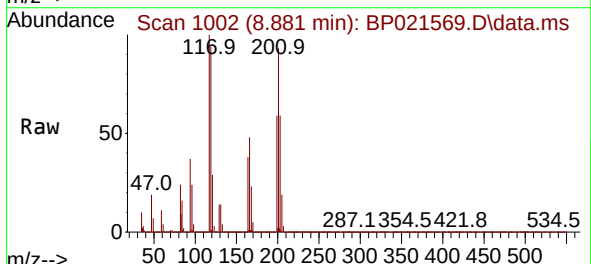
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

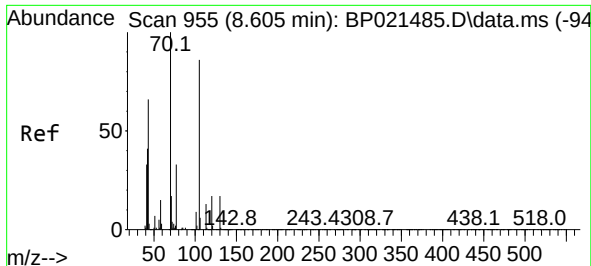
Tgt Ion:107 Resp: 1536652
Ion Ratio Lower Upper
107 100
108 108.9 88.8 133.2
77 44.5 38.7 58.1
79 43.7 37.4 56.2



#18
Hexachloroethane
Concen: 44.883 ng
RT: 8.881 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:117 Resp: 659730
Ion Ratio Lower Upper
117 100
119 94.0 73.9 110.9
201 92.6 74.9 112.3

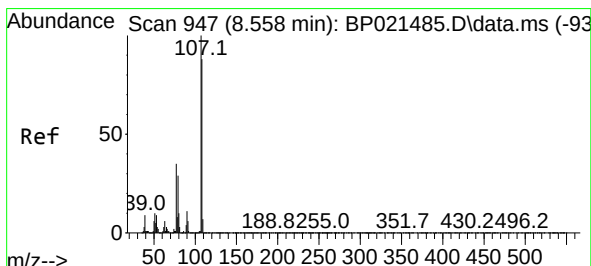
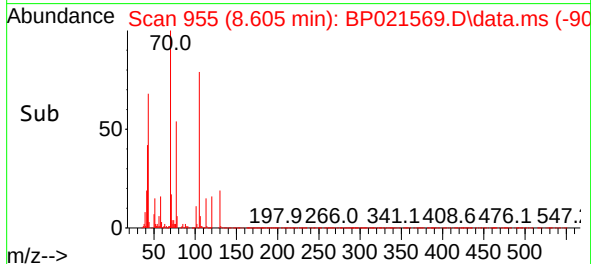
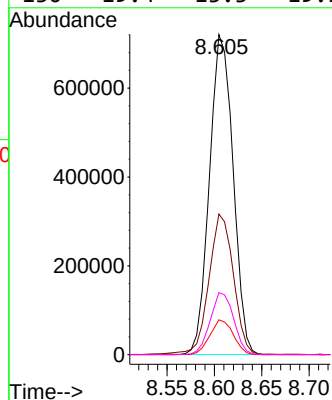
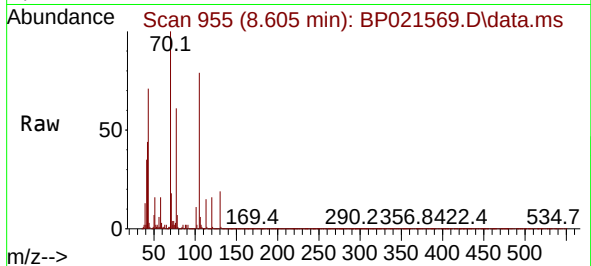




#19
n-Nitroso-di-n-propylamine
Concen: 37.490 ng
RT: 8.605 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

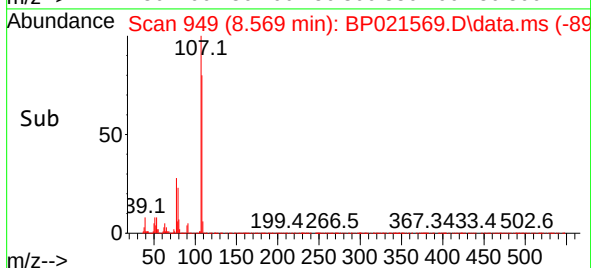
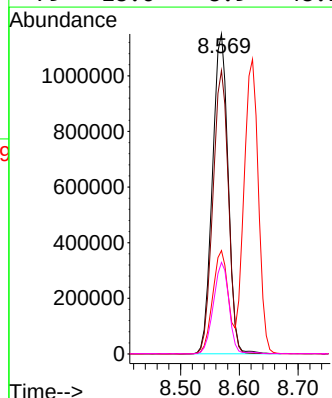
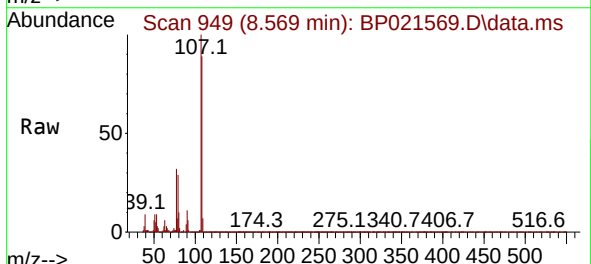
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

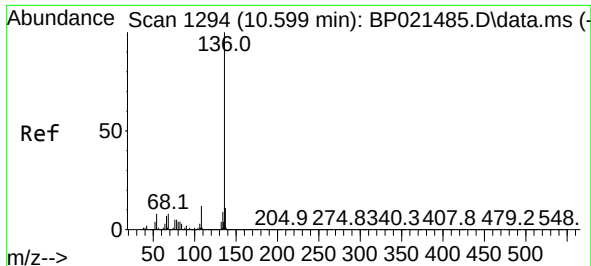
Tgt Ion: 70 Resp: 1249300
Ion Ratio Lower Upper
70 100
42 44.0 33.1 49.7
101 10.9 7.4 11.2
130 19.4 13.3 19.9



#20
3+4-Methylphenols
Concen: 50.123 ng
RT: 8.569 min Scan# 949
Delta R.T. 0.012 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion: 107 Resp: 2134400
Ion Ratio Lower Upper
107 100
108 88.5 67.6 107.6
77 32.3 15.0 55.0
79 28.6 8.9 48.9

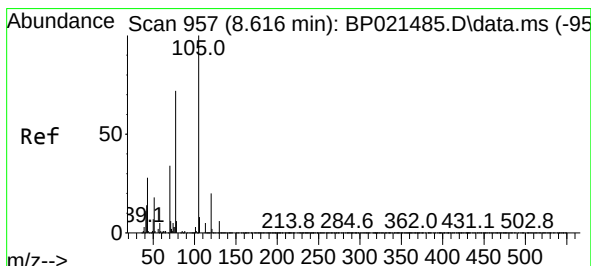
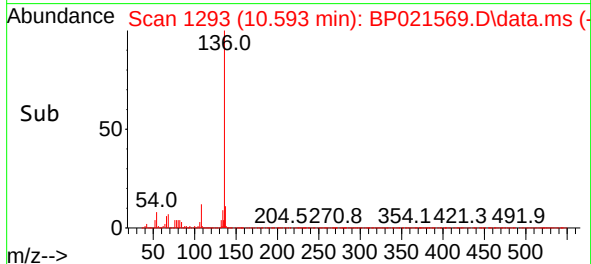
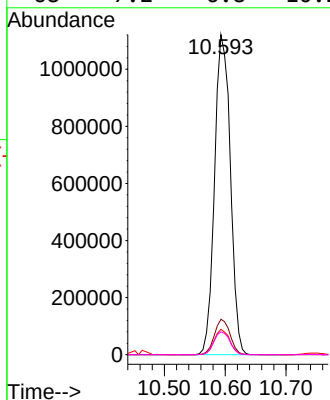
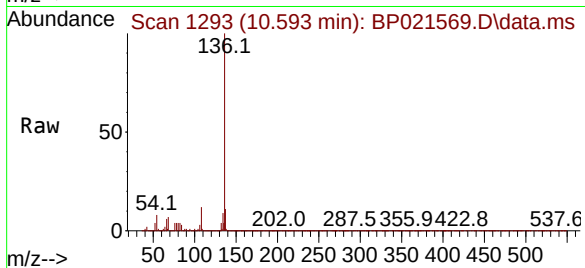




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

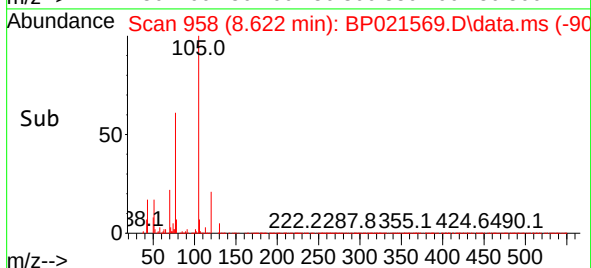
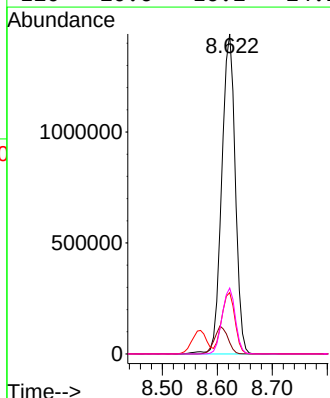
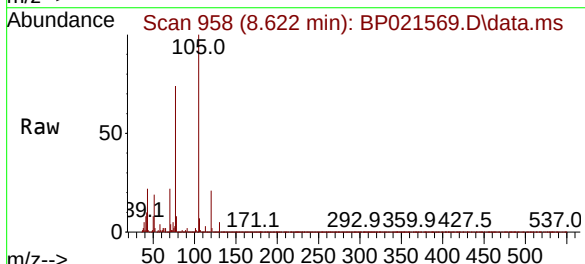
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

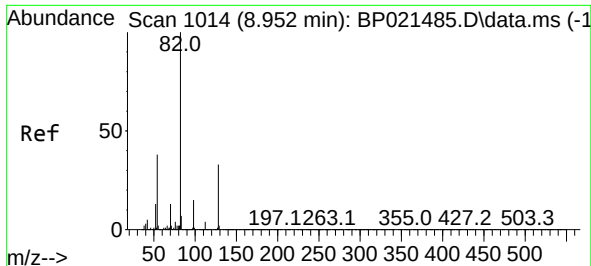
Tgt Ion:136 Resp: 2018197
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 6.3 9.5
68 7.2 6.8 10.2



#22
Acetophenone
Concen: 39.612 ng
RT: 8.622 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:105 Resp: 2456033
Ion Ratio Lower Upper
105 100
71 3.5 4.6 7.0#
51 19.2 16.3 24.5
120 20.6 16.2 24.2

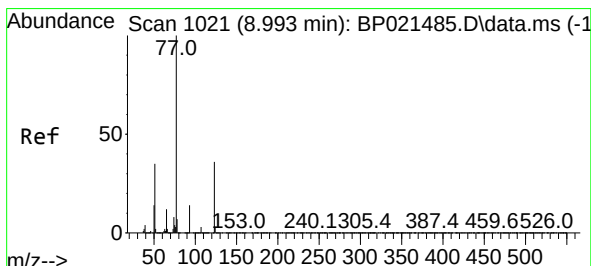
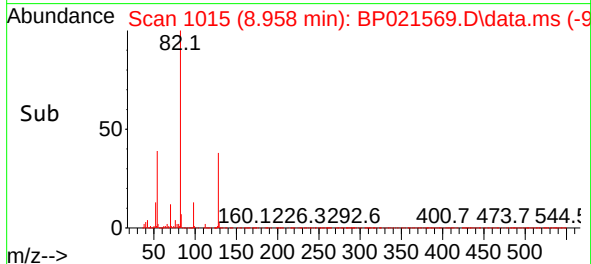
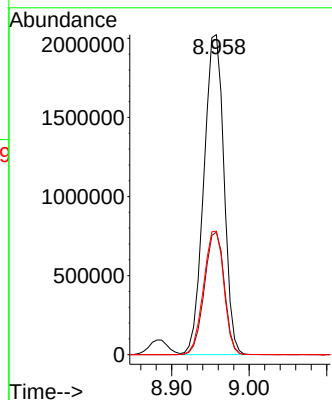
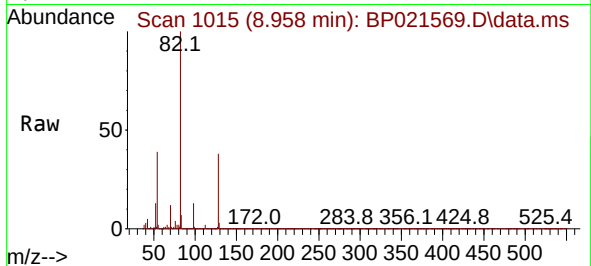




#23
Nitrobenzene-d5
Concen: 92.973 ng
RT: 8.958 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

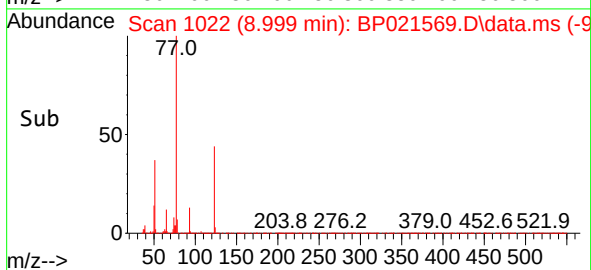
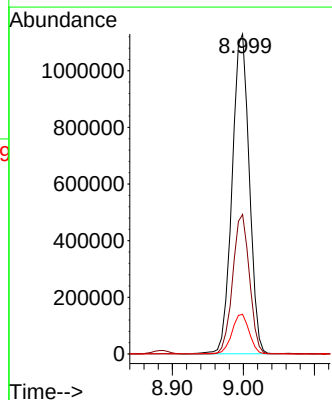
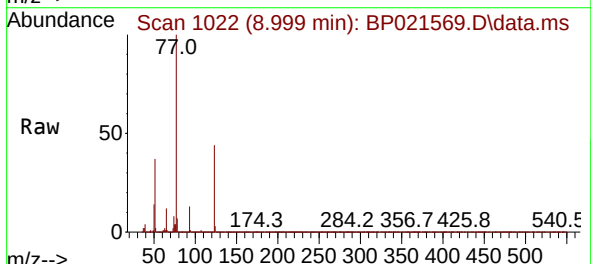
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

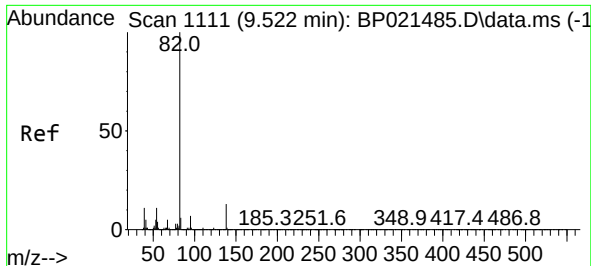
Tgt Ion: 82 Resp: 3635318
Ion Ratio Lower Upper
82 100
128 38.3 26.5 39.7
54 38.6 30.3 45.5



#24
Nitrobenzene
Concen: 44.692 ng
RT: 8.999 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion: 77 Resp: 1897954
Ion Ratio Lower Upper
77 100
123 43.6 29.5 44.3
65 12.4 9.9 14.9

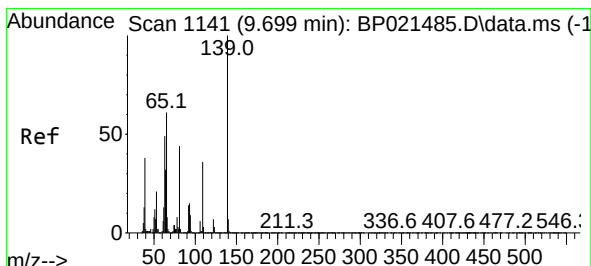
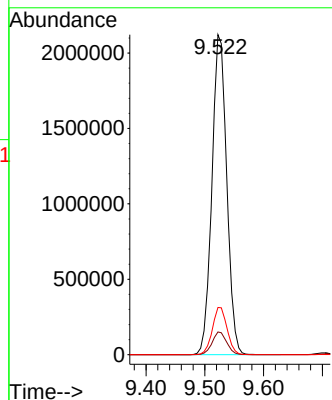
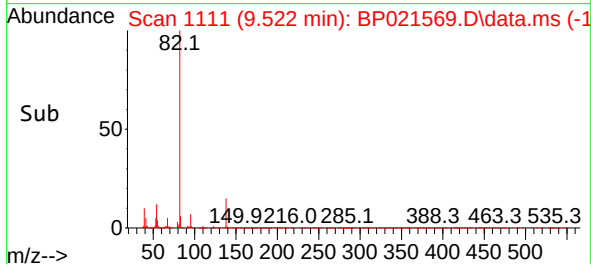
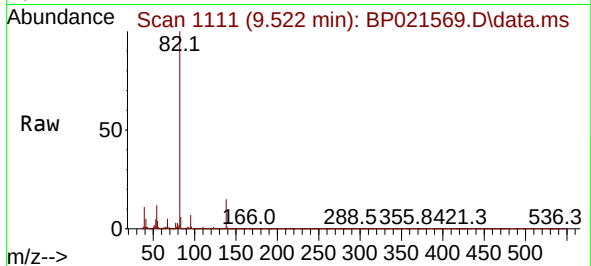




#25
Isophorone
Concen: 40.161 ng
RT: 9.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

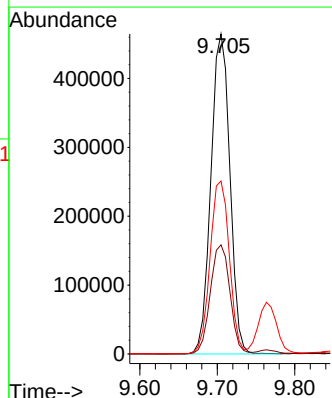
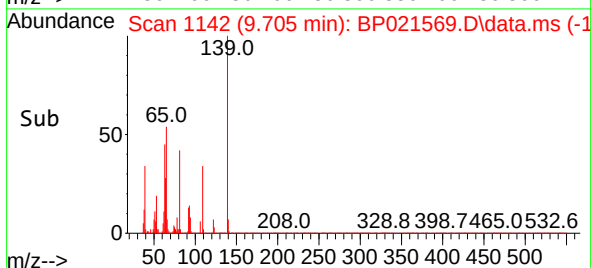
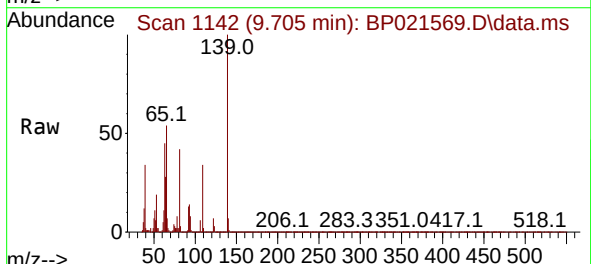
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

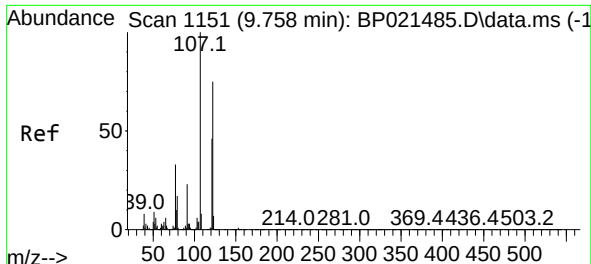
Tgt Ion: 82 Resp: 3709853
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 14.8 10.6 16.0



#26
2-Nitrophenol
Concen: 63.370 ng
RT: 9.705 min Scan# 1142
Delta R.T. 0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion: 139 Resp: 792325
Ion Ratio Lower Upper
139 100
109 34.1 28.9 43.3
65 54.1 49.0 73.6

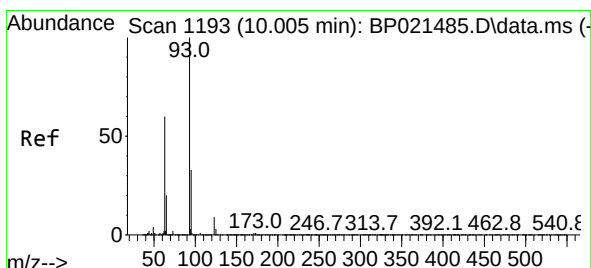
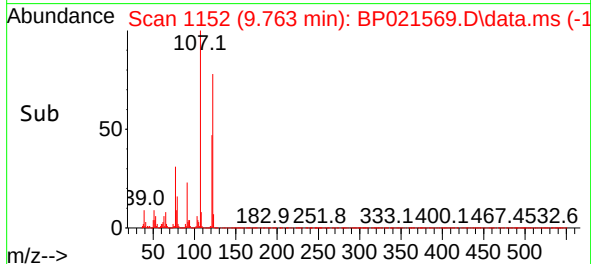
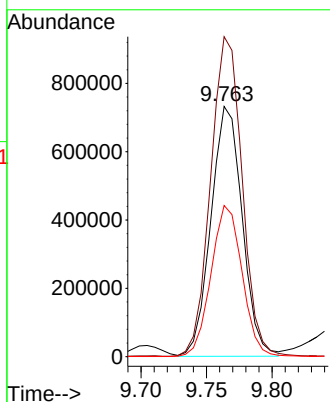
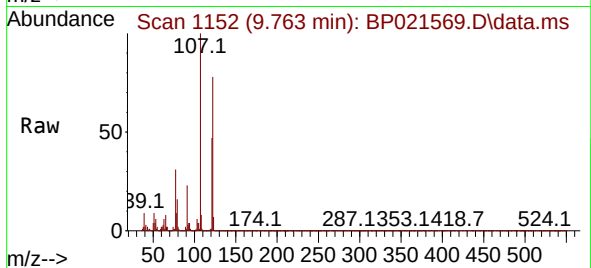




#27
2,4-Dimethylphenol
Concen: 53.222 ng
RT: 9.763 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

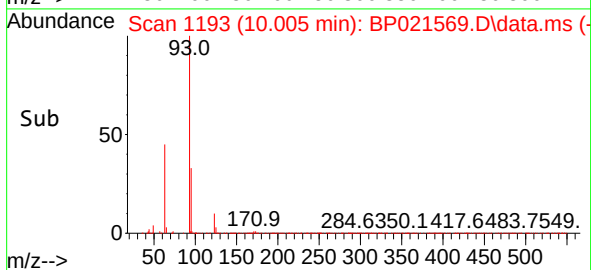
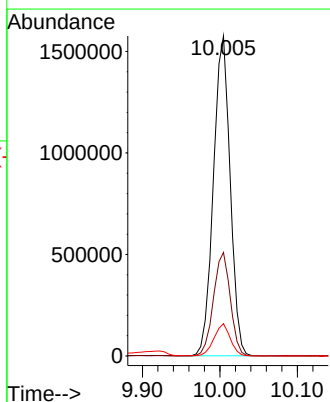
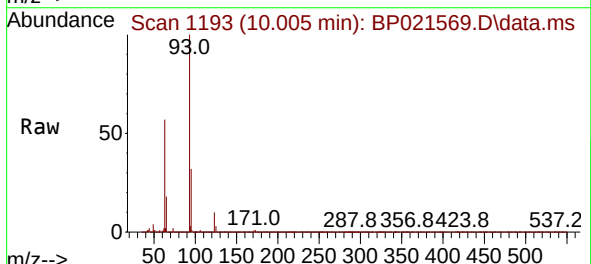
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

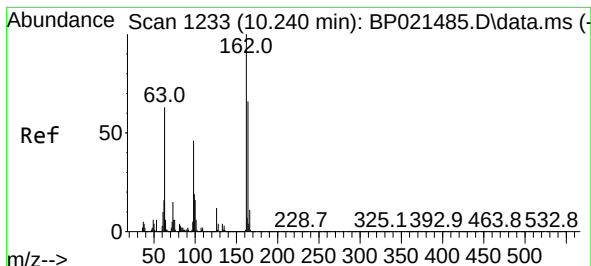
Tgt Ion:122 Resp: 1213284
Ion Ratio Lower Upper
122 100
107 127.8 106.2 159.4
121 60.4 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 41.984 ng
RT: 10.005 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion: 93 Resp: 2367345
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.4
123 10.1 7.6 11.4

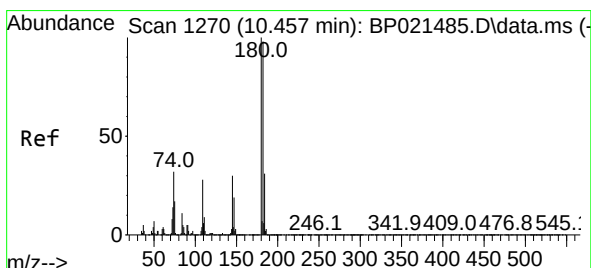
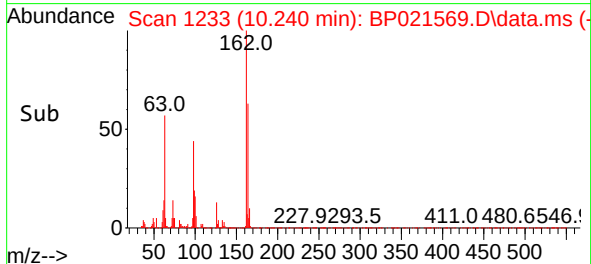
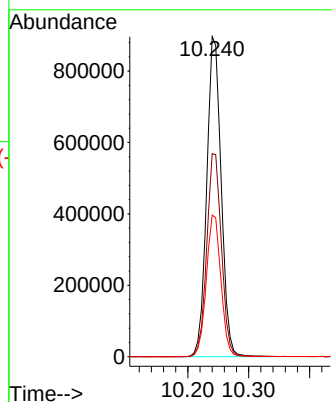
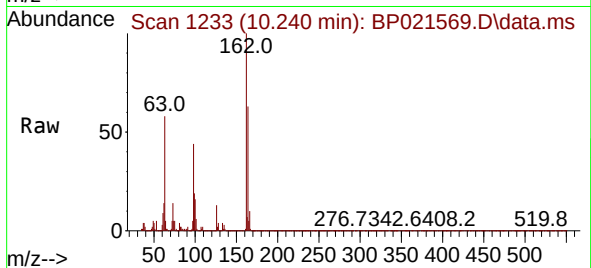




#29
2,4-Dichlorophenol
Concen: 54.964 ng
RT: 10.240 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

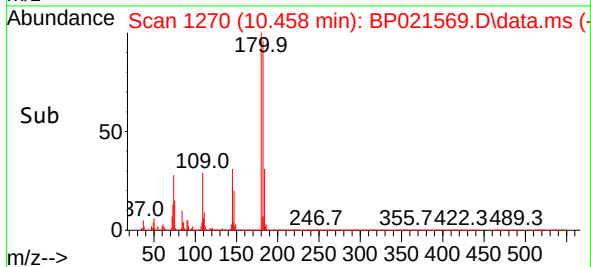
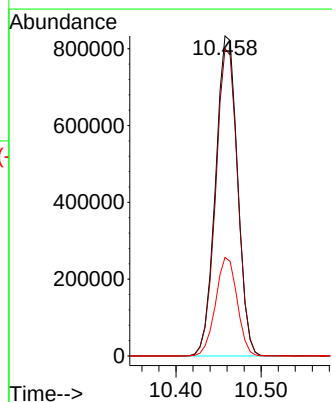
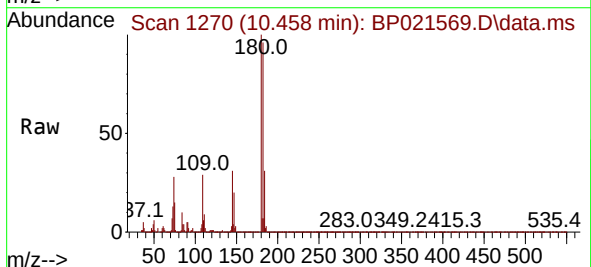
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

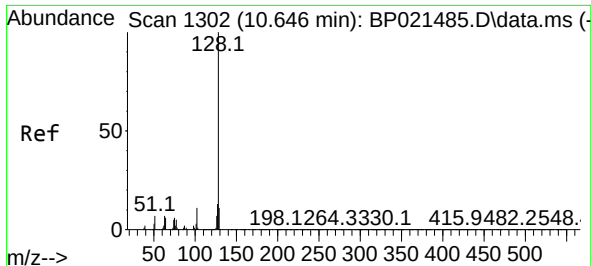
Tgt Ion:162 Resp: 1480451
Ion Ratio Lower Upper
162 100
164 63.5 45.9 85.9
98 44.2 26.3 66.3



#30
1,2,4-Trichlorobenzene
Concen: 43.230 ng
RT: 10.458 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:180 Resp: 1492819
Ion Ratio Lower Upper
180 100
182 96.1 78.3 117.5
145 30.8 24.0 36.0

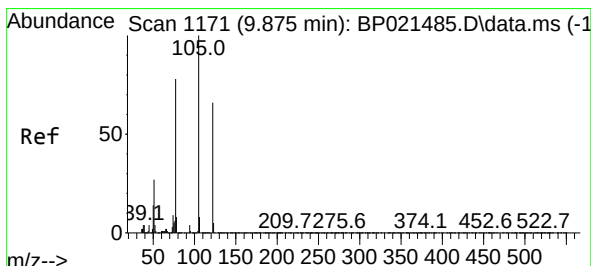
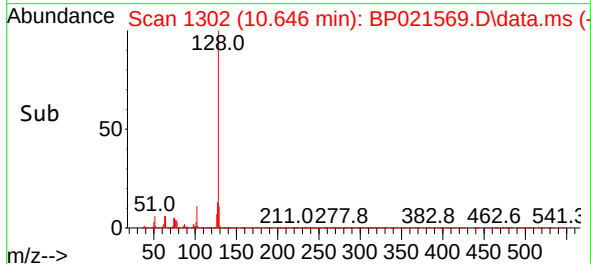
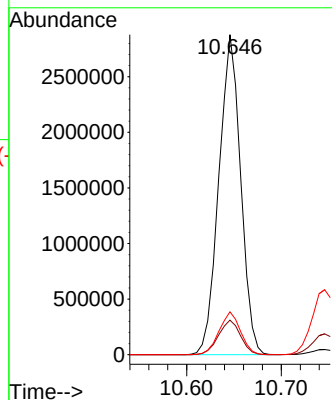
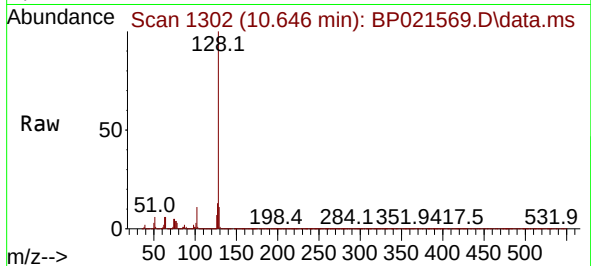




#31
Naphthalene
Concen: 43.664 ng
RT: 10.646 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

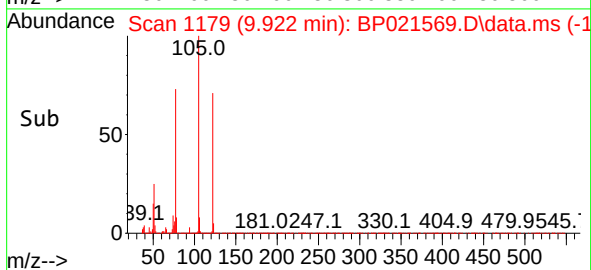
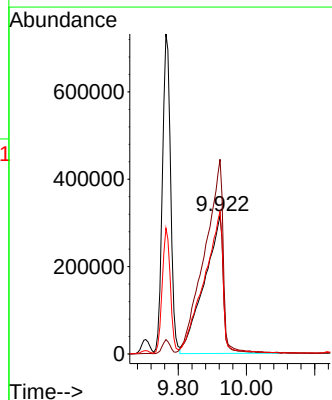
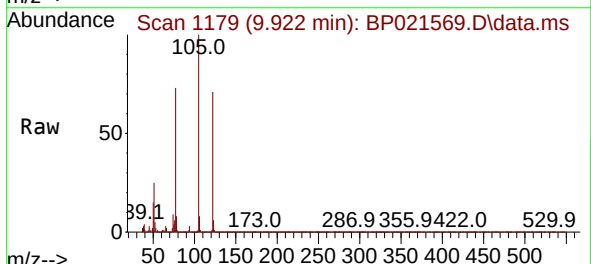
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

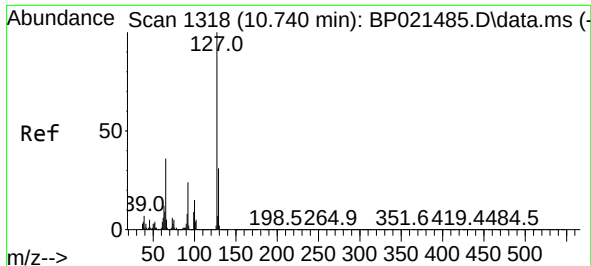
Tgt Ion:128 Resp: 4603512
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 69.039 ng
RT: 9.922 min Scan# 1179
Delta R.T. 0.047 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:122 Resp: 1217860
Ion Ratio Lower Upper
122 100
105 140.9 124.6 164.6
77 103.1 96.2 136.2



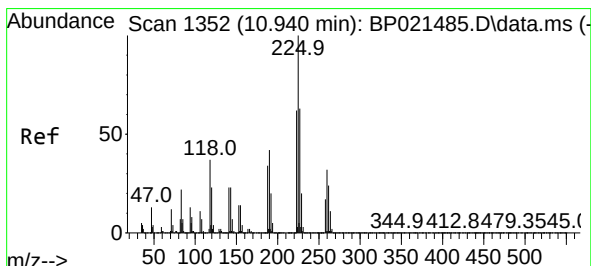
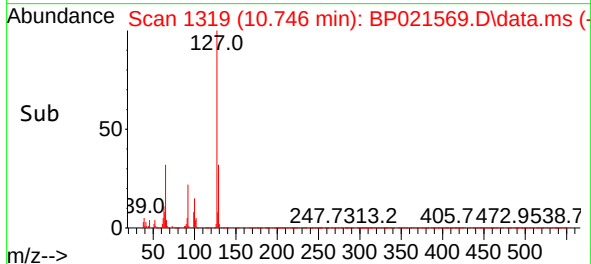
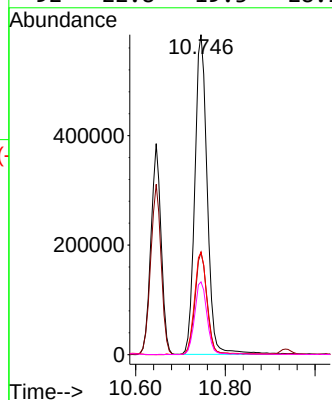
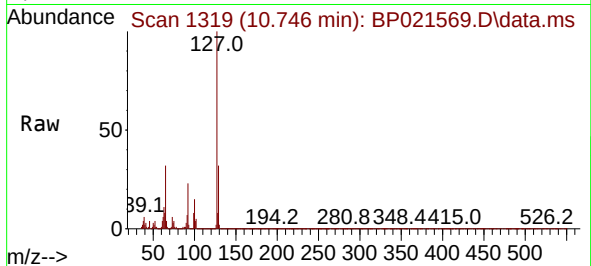


#33
4-Chloroaniline
Concen: 28.262 ng
RT: 10.746 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Instrument :
BNA_P
ClientSampleId :
PB162822BSD

Tgt Ion:127 Resp: 1119273

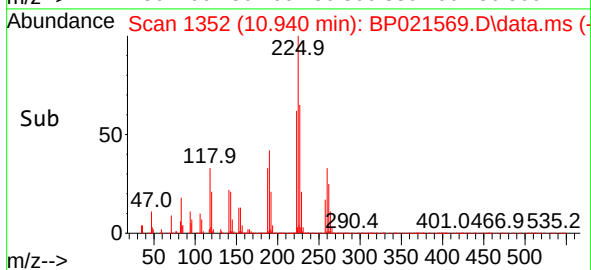
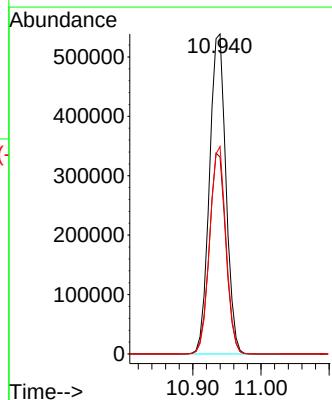
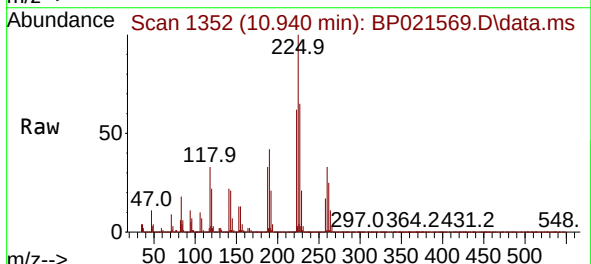
Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.5	36.7
65	32.1	28.9	43.3
92	22.8	19.3	28.9

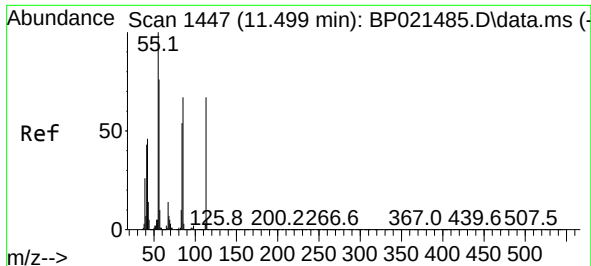


#34
Hexachlorobutadiene
Concen: 41.569 ng
RT: 10.940 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:225 Resp: 903824

Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.6	74.4
227	64.8	50.1	75.1

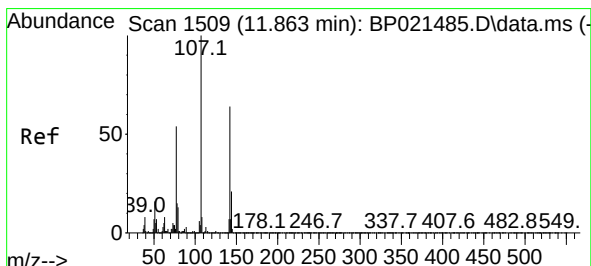
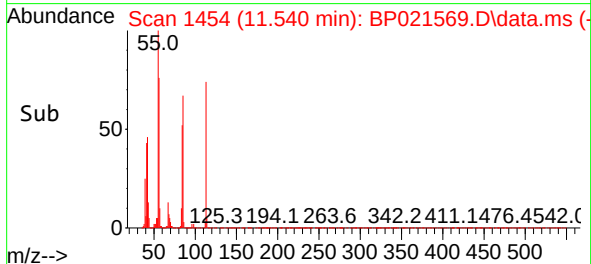
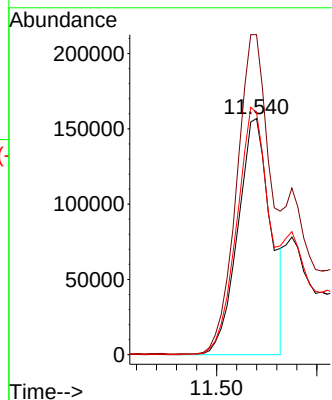
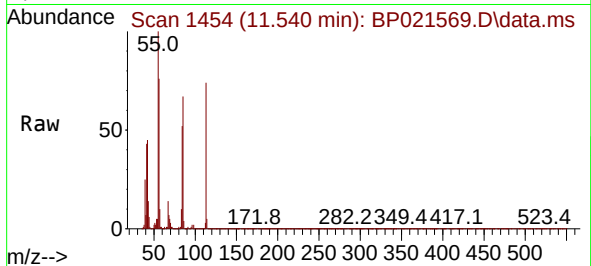




#35
Caprolactam
Concen: 31.801 ng
RT: 11.540 min Scan# 1447
Delta R.T. 0.041 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

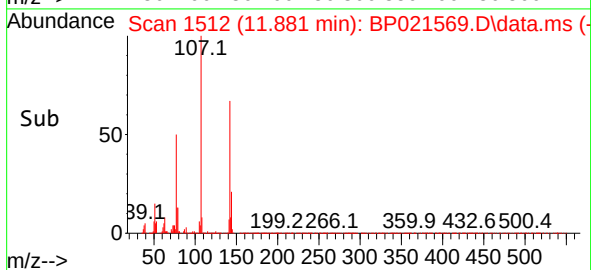
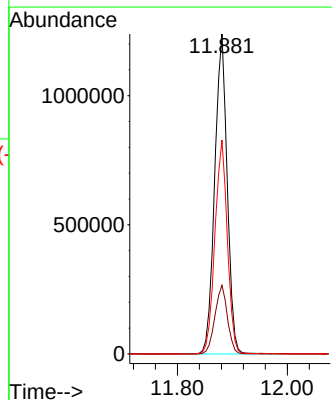
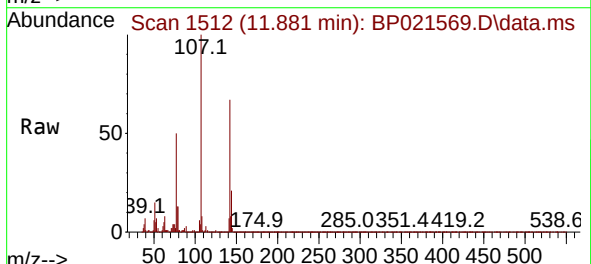
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

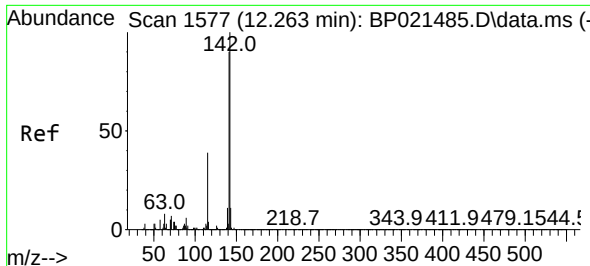
Tgt Ion:113 Resp: 356531
Ion Ratio Lower Upper
113 100
55 135.5 130.6 170.6
56 102.6 94.6 134.6



#36
4-Chloro-3-methylphenol
Concen: 52.252 ng
RT: 11.881 min Scan# 1512
Delta R.T. 0.018 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:107 Resp: 1952285
Ion Ratio Lower Upper
107 100
144 21.5 16.6 24.8
142 66.8 51.0 76.4

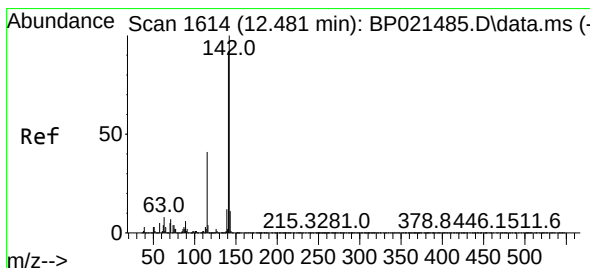
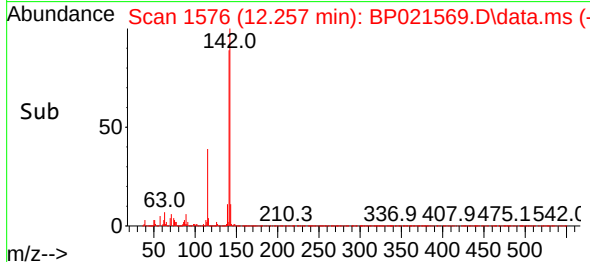
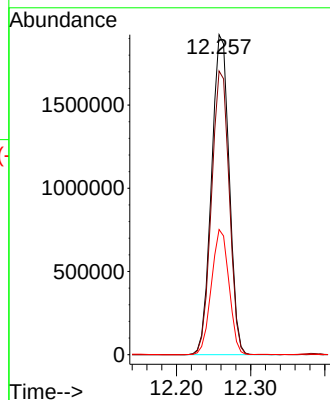
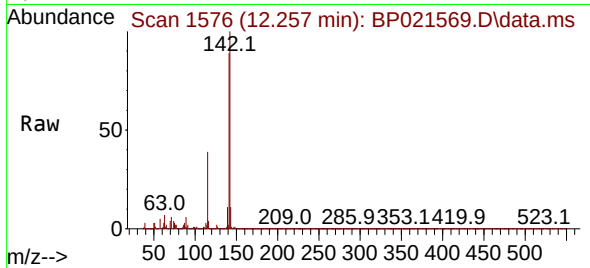




#37
2-Methylnaphthalene
Concen: 44.238 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

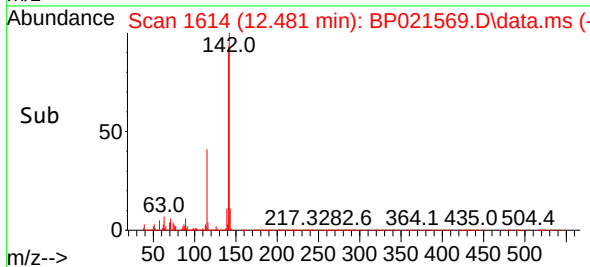
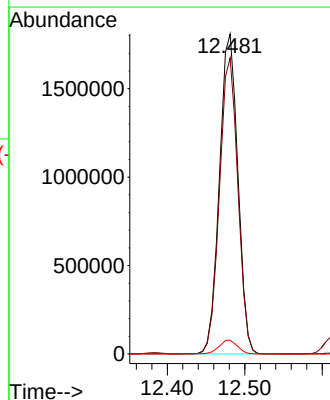
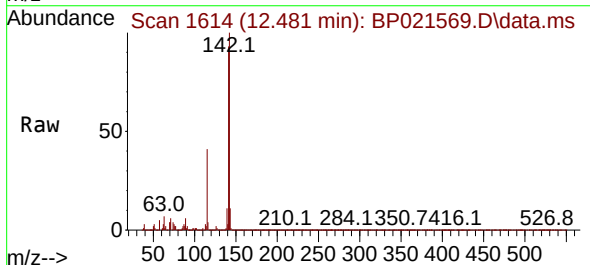
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

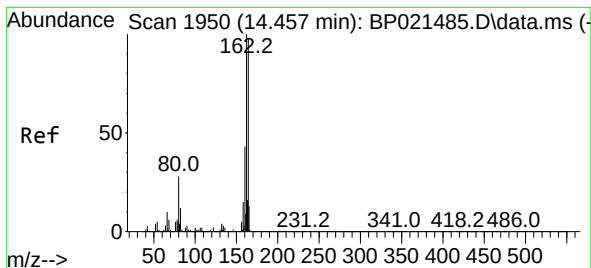
Tgt Ion:142 Resp: 3183184
Ion Ratio Lower Upper
142 100
141 88.7 71.7 107.5
115 39.1 31.4 47.2



#38
1-Methylnaphthalene
Concen: 42.027 ng
RT: 12.481 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:142 Resp: 2982545
Ion Ratio Lower Upper
142 100
141 92.6 73.5 110.3
116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

Instrument :

BNA_P

ClientSampleId :

PB162822BSD

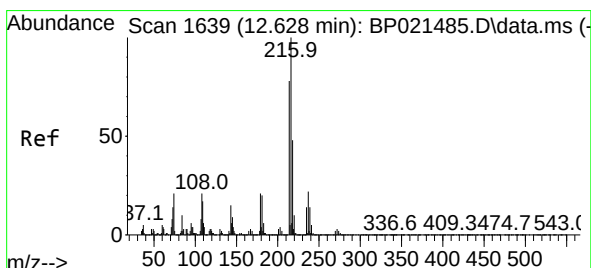
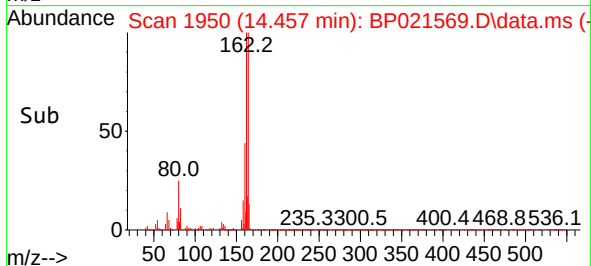
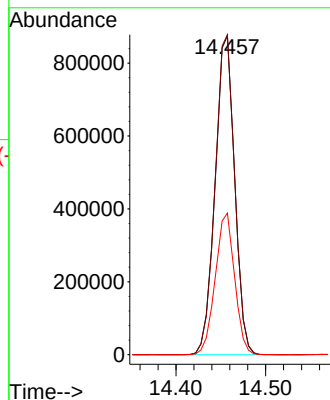
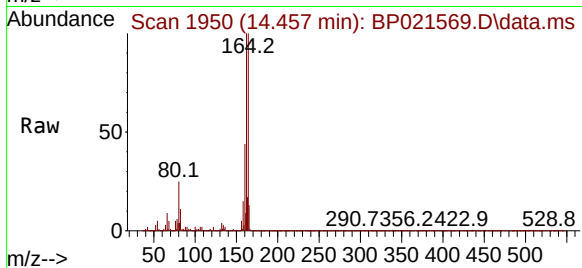
Tgt Ion:164 Resp: 1318739

Ion Ratio Lower Upper

164 100

162 100.3 81.5 122.3

160 44.4 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.541 ng

RT: 12.634 min Scan# 1640

Delta R.T. 0.006 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

Tgt Ion:216 Resp: 1566485

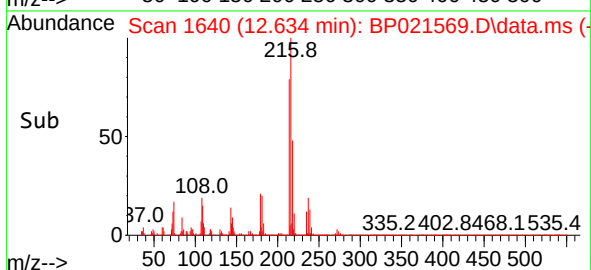
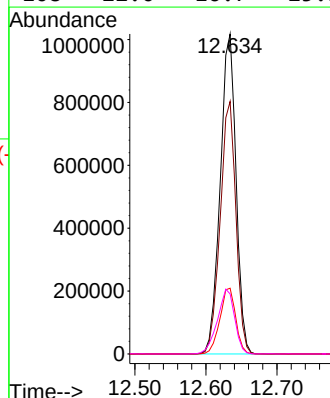
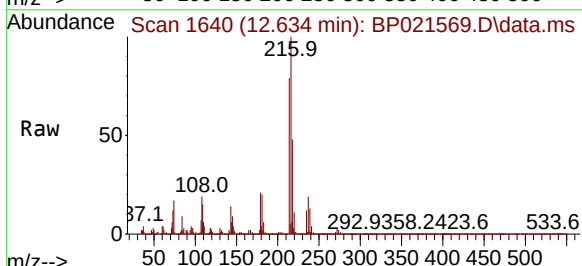
Ion Ratio Lower Upper

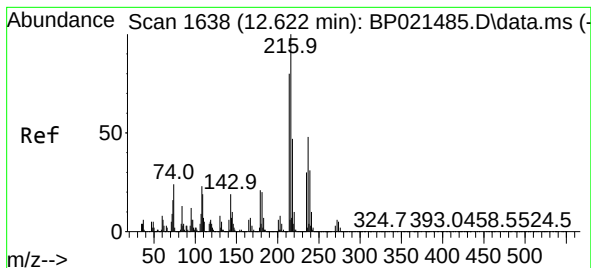
216 100

214 78.6 62.5 93.7

179 20.6 16.4 24.6

108 22.0 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 113.798 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

Instrument :

BNA_P

ClientSampleId :

PB162822BSD

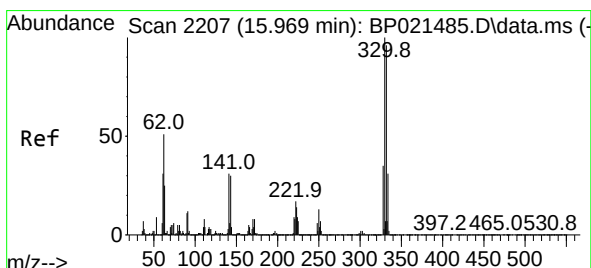
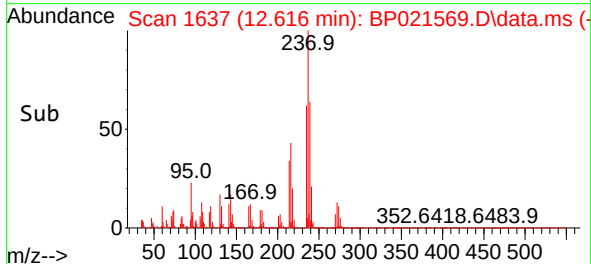
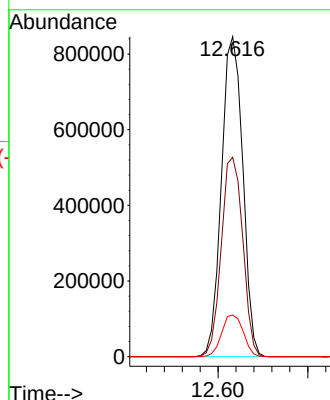
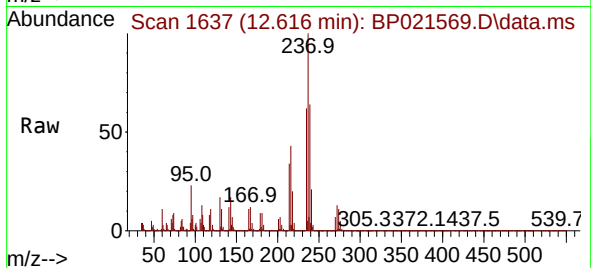
Tgt Ion:237 Resp: 1393597

Ion Ratio Lower Upper

237 100

235 62.3 43.9 83.9

272 13.0 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 153.843 ng

RT: 15.975 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

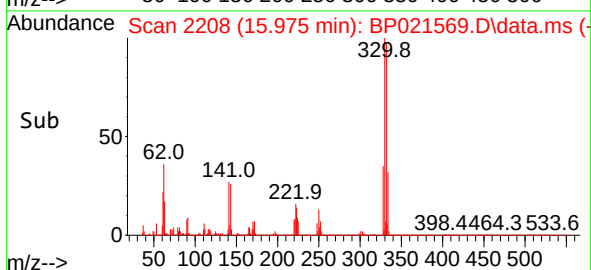
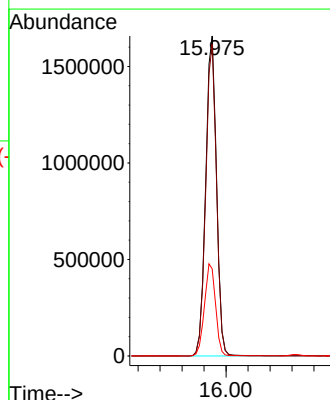
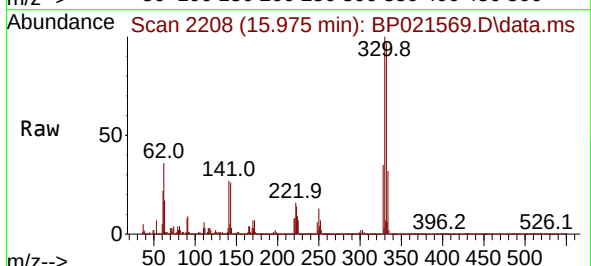
Tgt Ion:330 Resp: 2257963

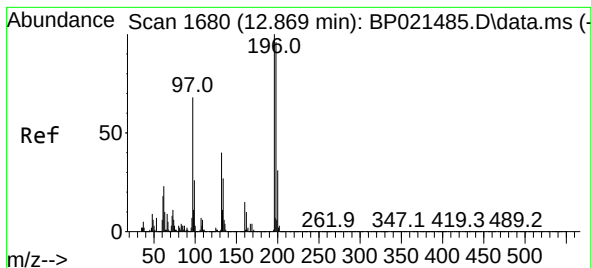
Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

141 29.7 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 57.393 ng

RT: 12.869 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

Instrument :

BNA_P

ClientSampleId :

PB162822BSD

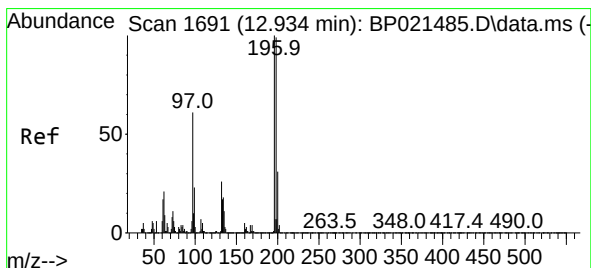
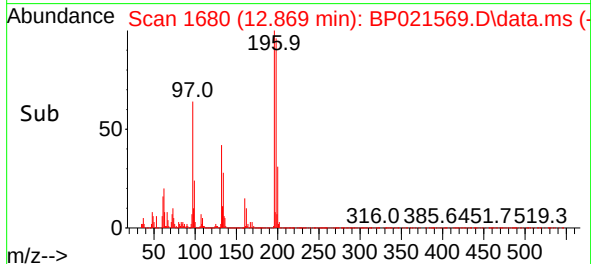
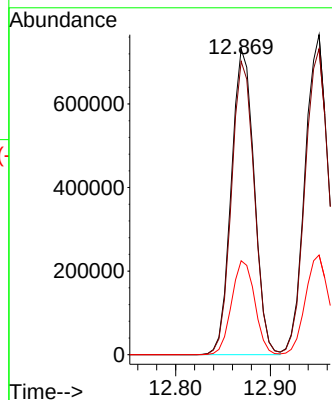
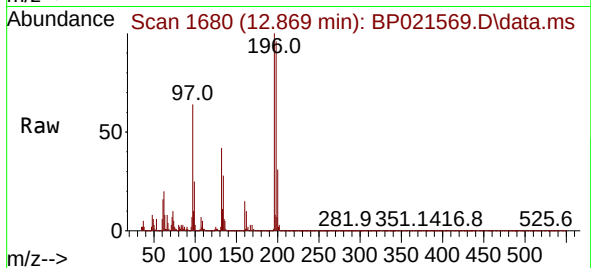
Tgt Ion:196 Resp: 1231858

Ion Ratio Lower Upper

196 100

198 95.9 76.6 114.8

200 30.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 55.163 ng

RT: 12.952 min Scan# 1694

Delta R.T. 0.018 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

Tgt Ion:196 Resp: 1315468

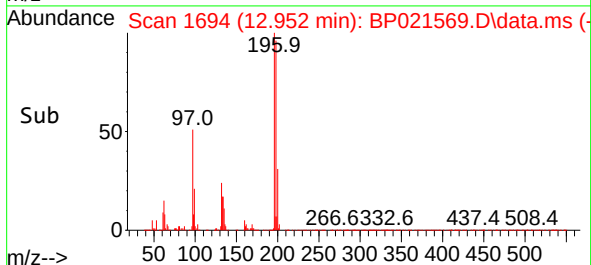
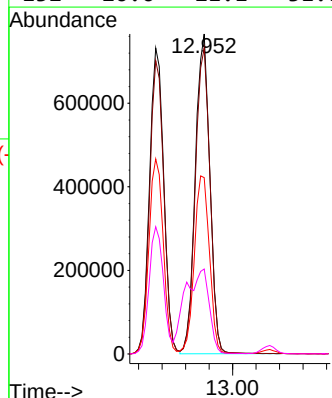
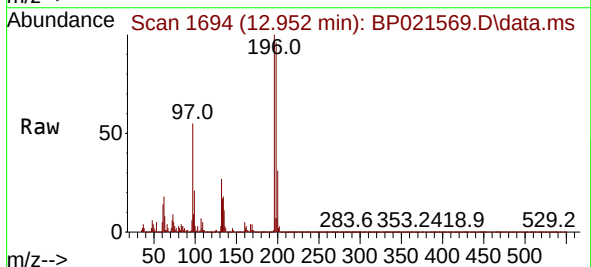
Ion Ratio Lower Upper

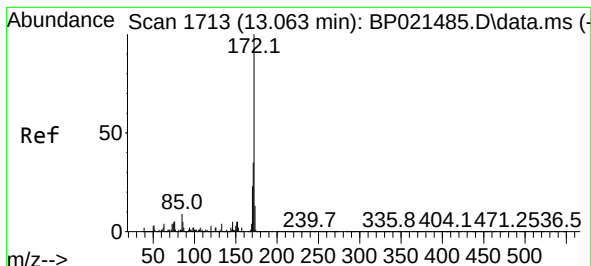
196 100

198 95.6 78.9 118.3

97 55.1 49.4 74.0

132 26.6 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 80.212 ng

RT: 13.063 min Scan# 1713

Delta R.T. 0.000 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

Instrument :

BNA_P

ClientSampleId :

PB162822BSD

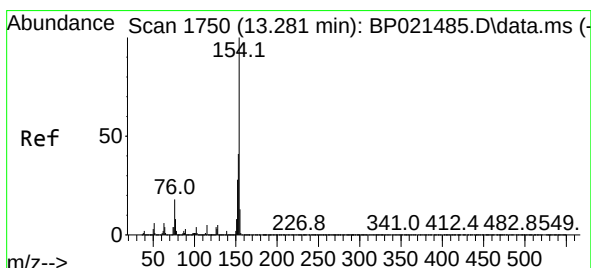
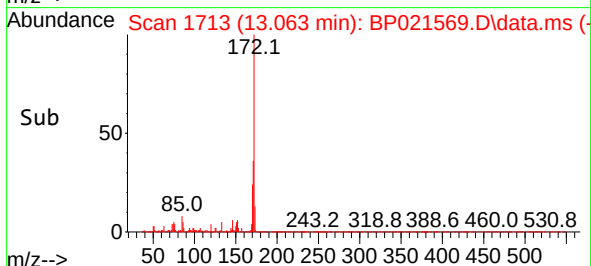
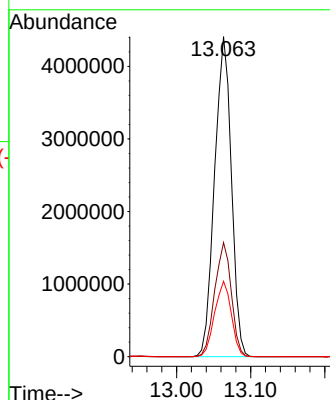
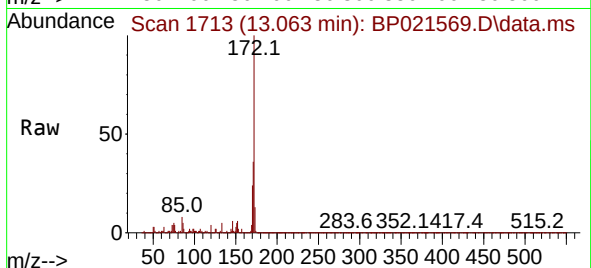
Tgt Ion:172 Resp: 6931075

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.5 18.4 27.6



#46

1,1'-Biphenyl

Concen: 40.481 ng

RT: 13.275 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

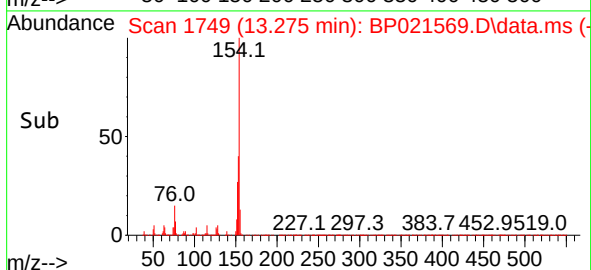
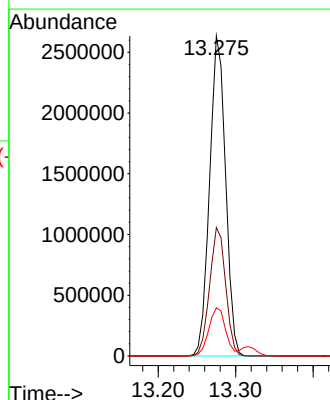
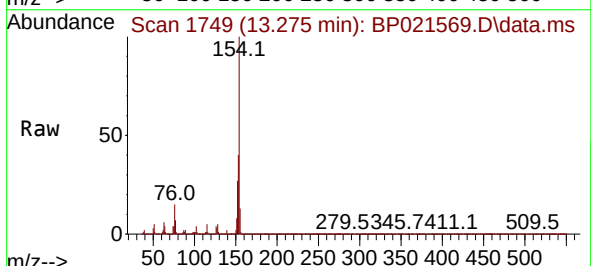
Tgt Ion:154 Resp: 3776973

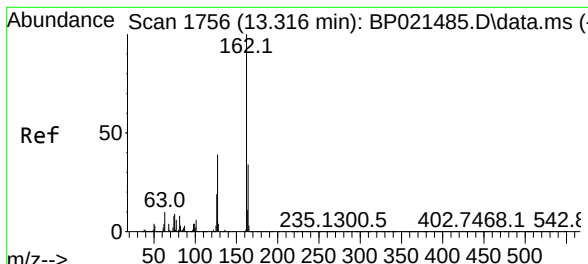
Ion Ratio Lower Upper

154 100

153 40.1 20.7 60.7

76 15.0 0.0 37.7



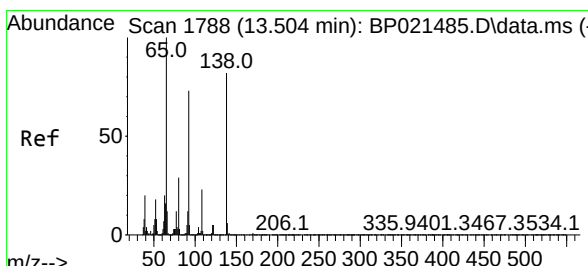
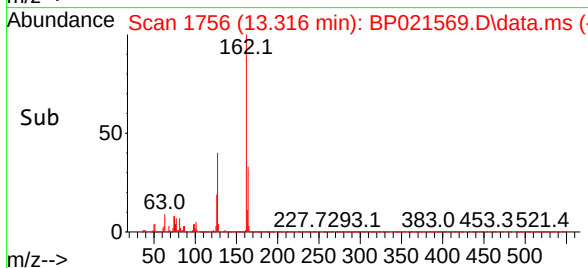
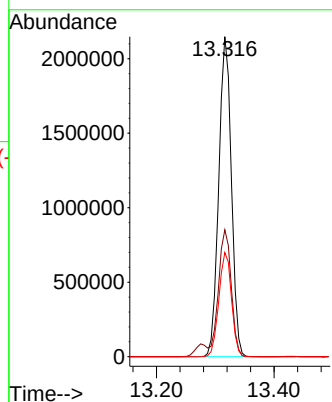
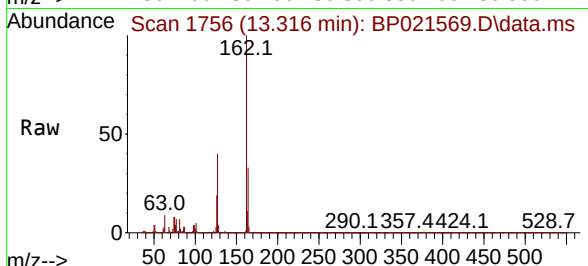


#47
 2-Chloronaphthalene
 Concen: 43.854 ng
 RT: 13.316 min Scan# 1756
 Delta R.T. 0.000 min
 Lab File: BP021569.D
 Acq: 20 Aug 2024 12:13

Instrument :
 BNA_P
 ClientSampleId :
 PB162822BSD

Tgt Ion: 162 Resp: 3185536

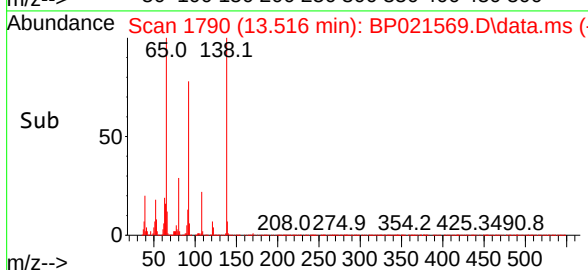
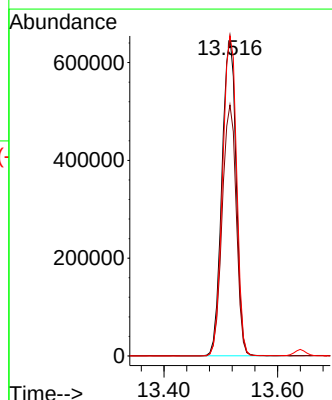
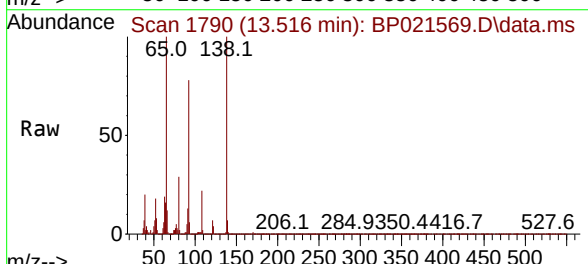
Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.9	47.9
164	32.6	26.8	40.2

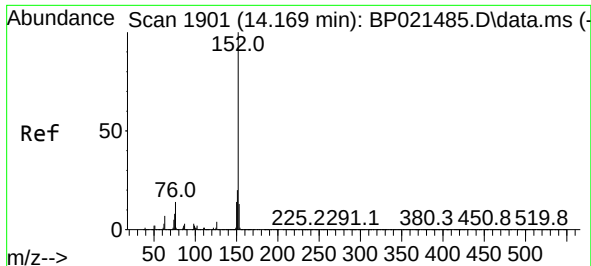


#48
 2-Nitroaniline
 Concen: 54.530 ng
 RT: 13.516 min Scan# 1790
 Delta R.T. 0.012 min
 Lab File: BP021569.D
 Acq: 20 Aug 2024 12:13

Tgt Ion: 65 Resp: 1126118

Ion	Ratio	Lower	Upper
65	100		
92	78.6	58.1	87.1
138	100.2	65.5	98.3

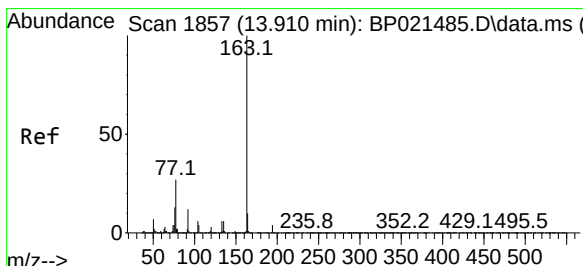
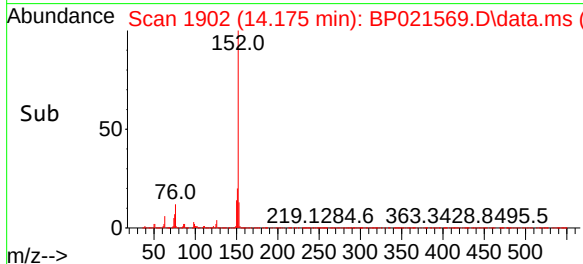
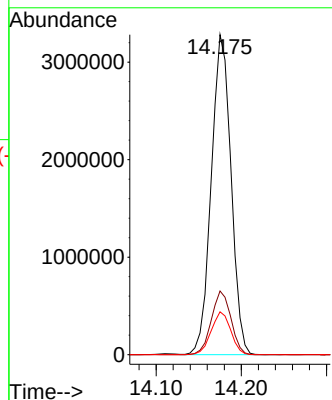
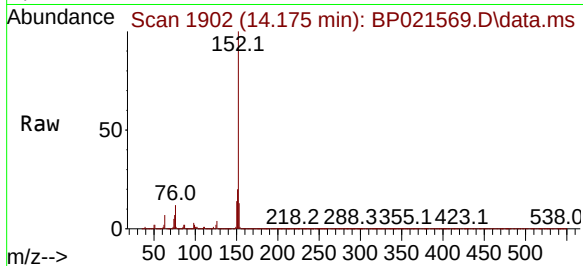




#49
Acenaphthylene
Concen: 49.407 ng
RT: 14.175 min Scan# 1901
Delta R.T. 0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

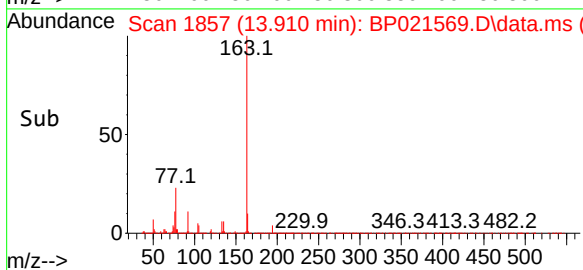
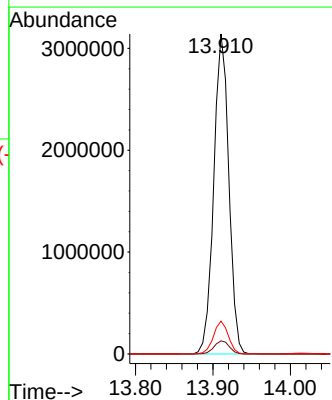
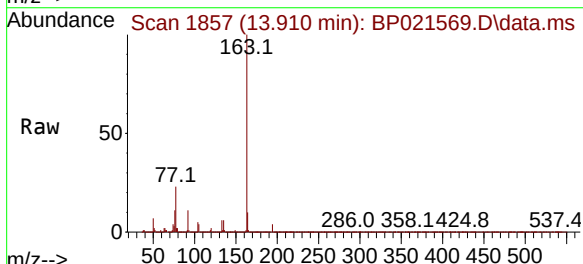
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

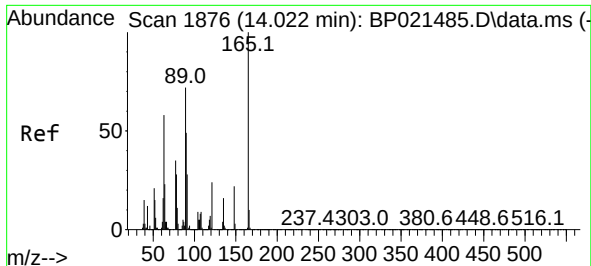
Tgt Ion:152 Resp: 5275845
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.4 10.6 16.0



#50
Dimethylphthalate
Concen: 47.933 ng
RT: 13.910 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:163 Resp: 4233153
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.3 12.5

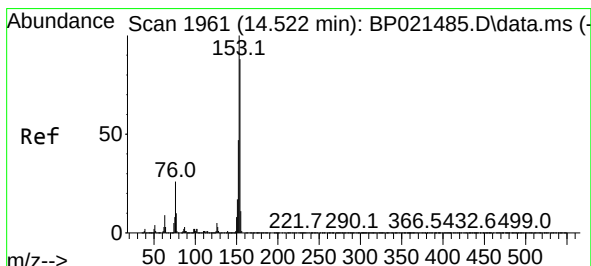
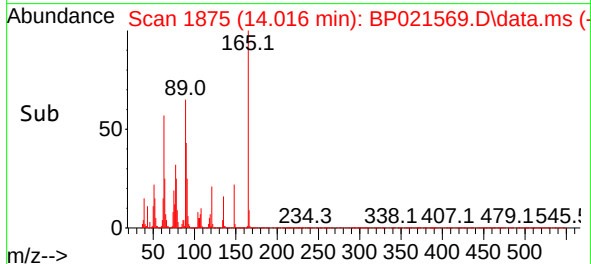
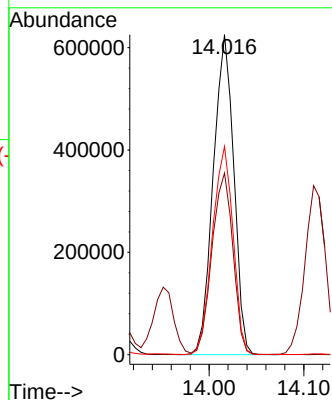
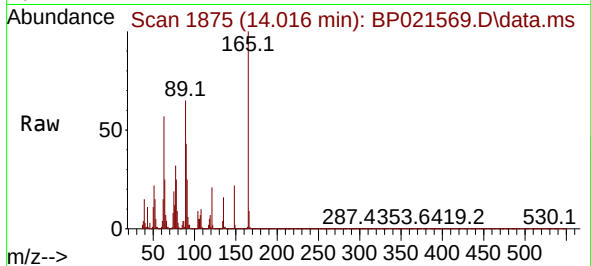




#51
2,6-Dinitrotoluene
Concen: 52.381 ng
RT: 14.016 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

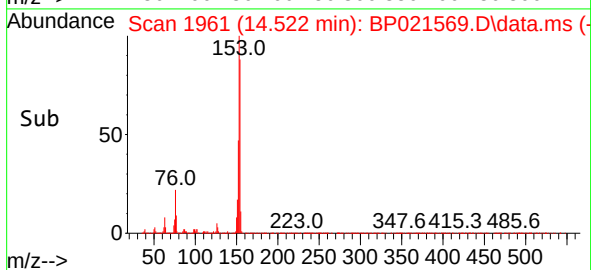
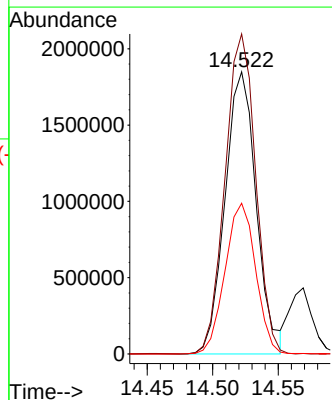
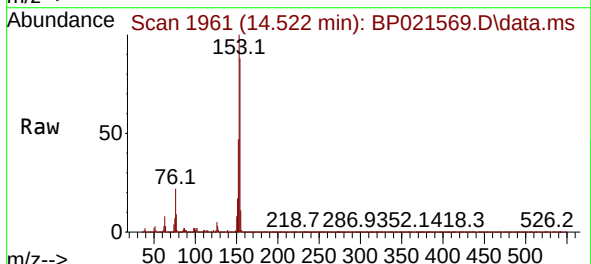
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

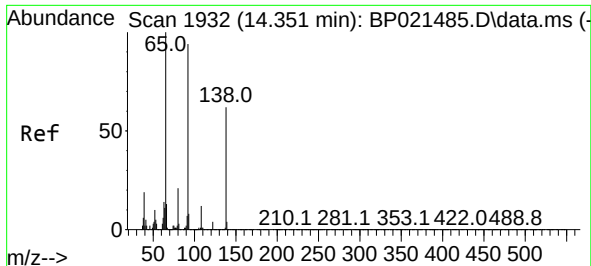
Tgt Ion:165 Resp: 940351
Ion Ratio Lower Upper
165 100
63 56.8 51.5 77.3
89 65.1 57.8 86.8



#52
Acenaphthene
Concen: 43.696 ng
RT: 14.522 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:154 Resp: 3061538
Ion Ratio Lower Upper
154 100
153 113.4 91.1 136.7
152 53.4 43.0 64.4

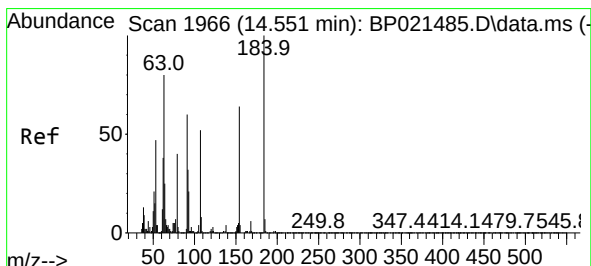
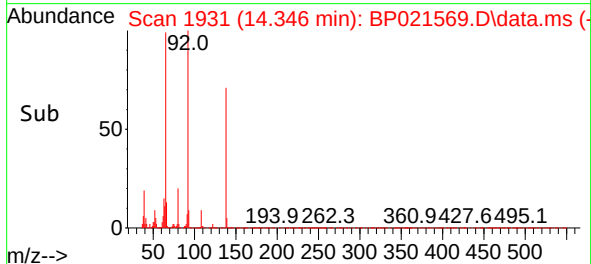
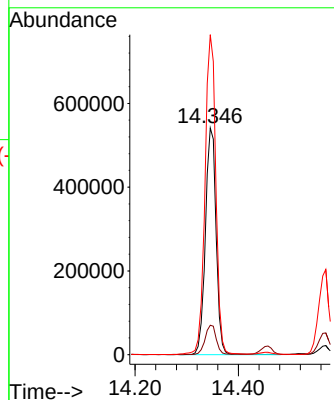
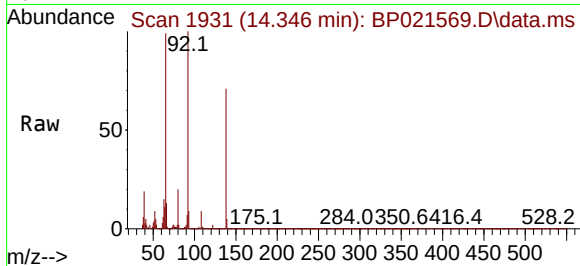




#53
3-Nitroaniline
Concen: 44.582 ng
RT: 14.346 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

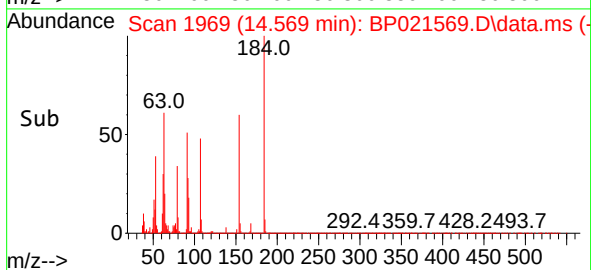
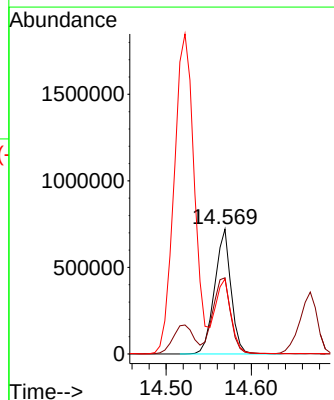
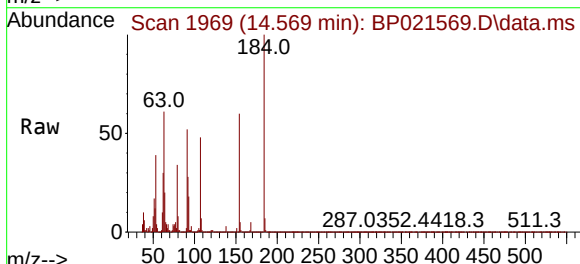
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

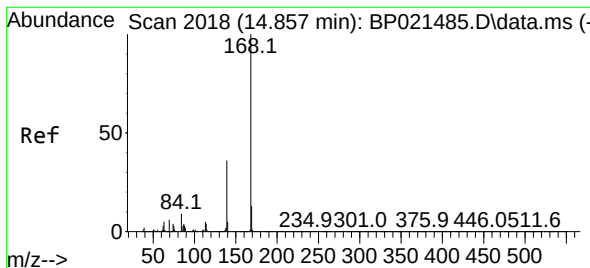
Tgt Ion:138 Resp: 775492
Ion Ratio Lower Upper
138 100
108 13.0 16.2 24.4#
92 141.1 122.2 183.4



#54
2,4-Dinitrophenol
Concen: 121.666 ng
RT: 14.569 min Scan# 1969
Delta R.T. 0.018 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:184 Resp: 965462
Ion Ratio Lower Upper
184 100
63 61.1 64.9 97.3#
154 60.2 52.1 78.1

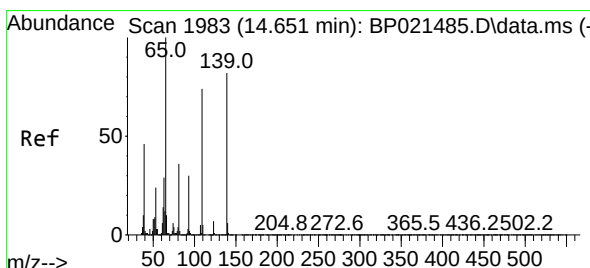
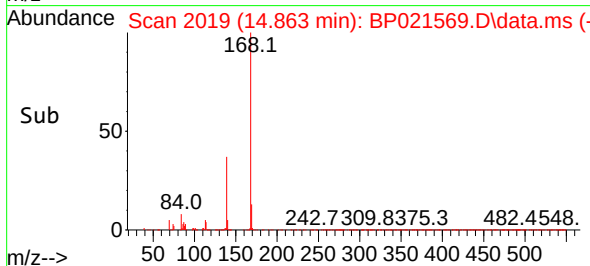
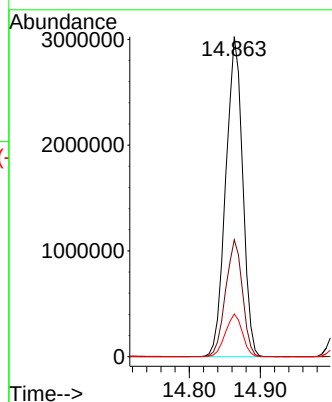
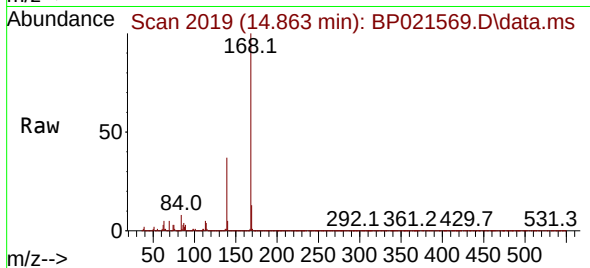




#55
Dibenzofuran
Concen: 46.284 ng
RT: 14.863 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

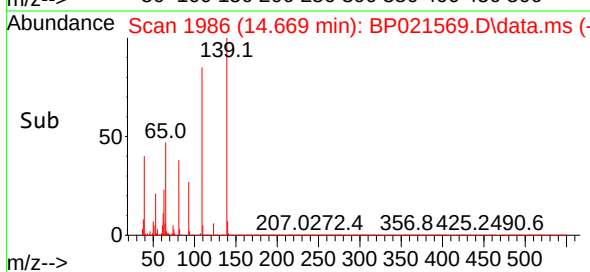
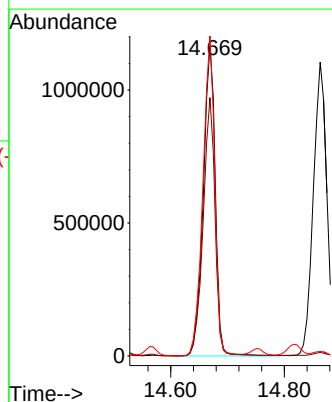
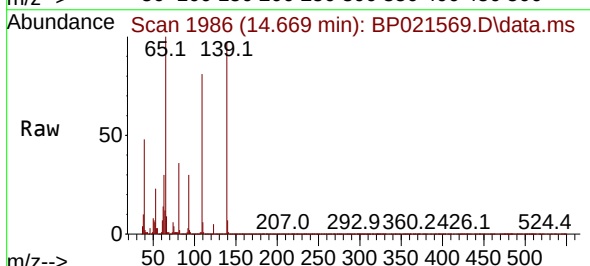
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

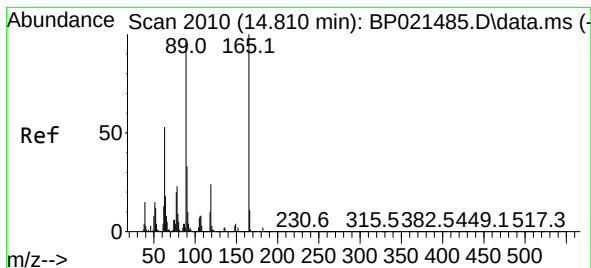
Tgt Ion:168 Resp: 4988509
Ion Ratio Lower Upper
168 100
139 36.5 28.6 43.0
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 114.676 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.018 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:139 Resp: 1714088
Ion Ratio Lower Upper
139 100
109 83.3 70.2 110.2
65 103.2 101.8 141.8

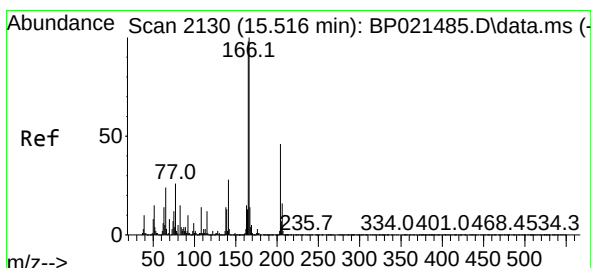
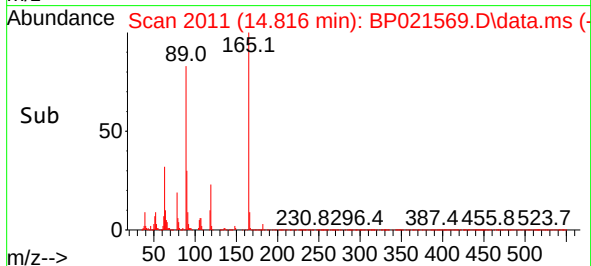
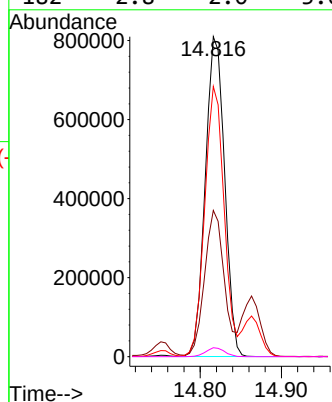
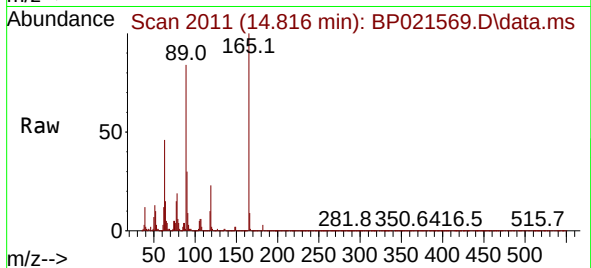




#57
2,4-Dinitrotoluene
Concen: 57.774 ng
RT: 14.816 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

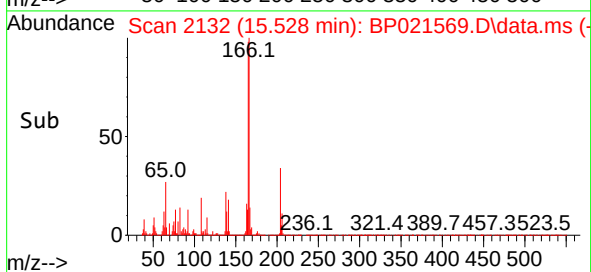
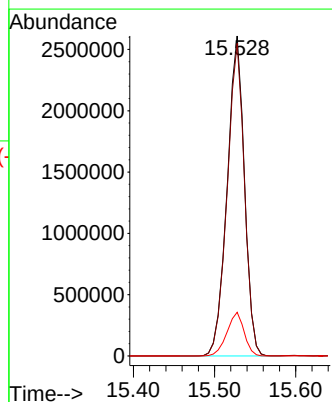
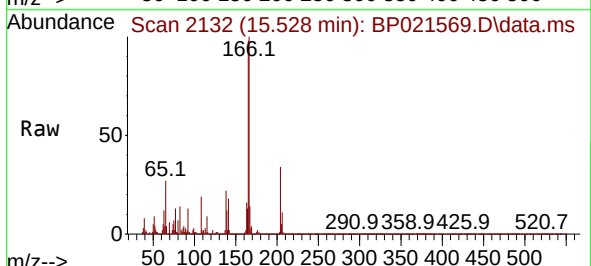
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

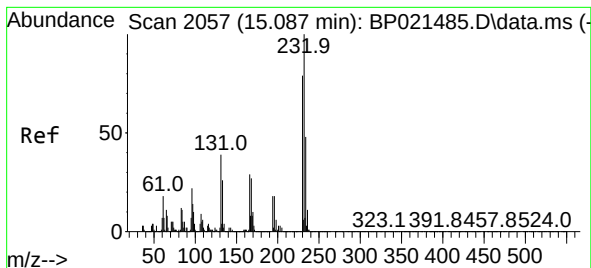
Tgt Ion:165 Resp: 1335111
Ion Ratio Lower Upper
165 100
63 45.7 42.5 63.7
89 84.4 77.1 115.7
182 2.8 2.0 3.0



#58
Fluorene
Concen: 43.641 ng
RT: 15.528 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:166 Resp: 3864218
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.6 11.0 16.4



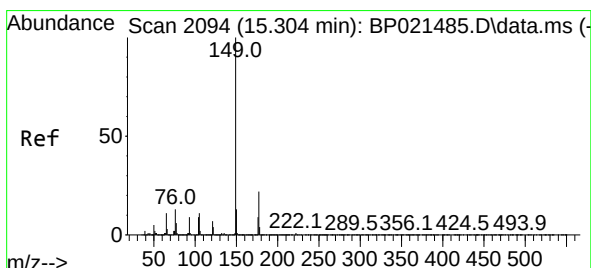
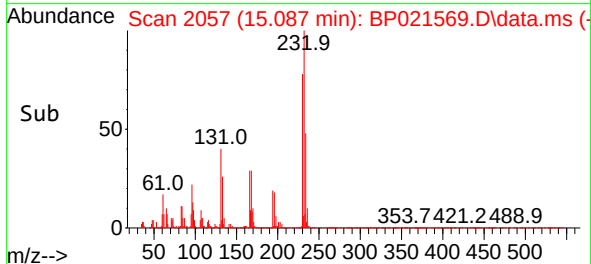
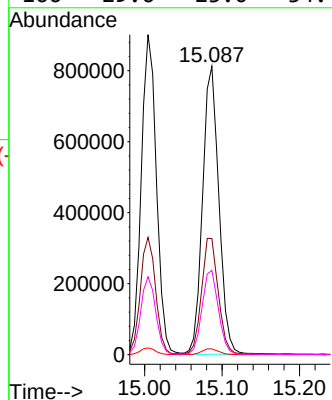
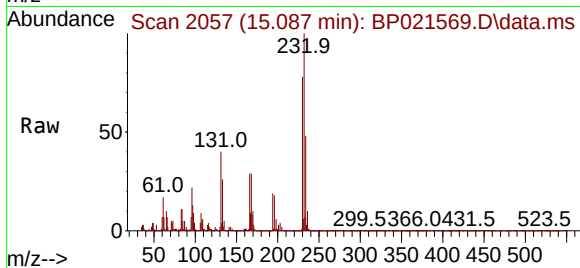


#59
2,3,4,6-Tetrachlorophenol
Concen: 58.555 ng
RT: 15.087 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Instrument :
BNA_P
ClientSampleId :
PB162822BSD

Tgt Ion:232 Resp: 1185204

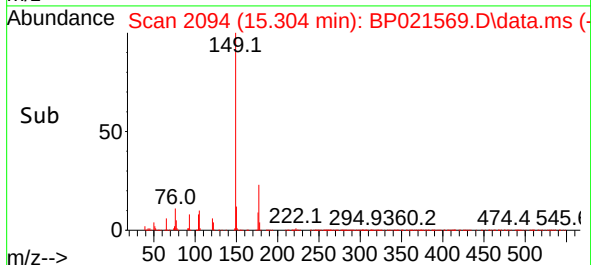
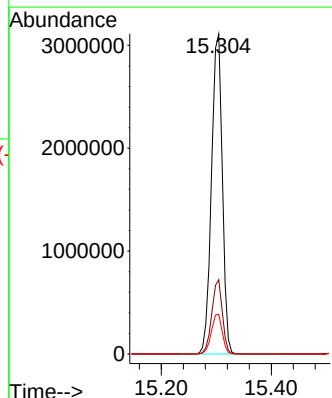
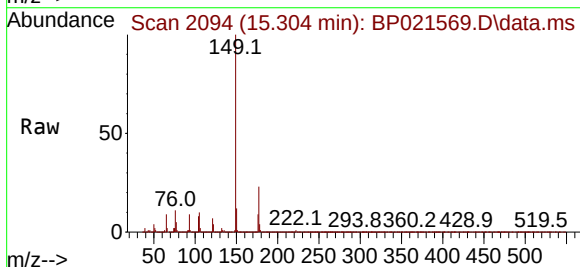
Ion	Ratio	Lower	Upper
232	100		
131	41.0	33.1	49.7
130	2.2	1.7	2.5
166	29.6	23.0	34.4

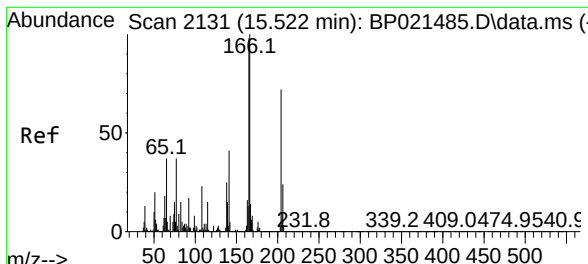


#60
Diethylphthalate
Concen: 47.002 ng
RT: 15.304 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:149 Resp: 4259031

Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.8	26.8
150	12.4	10.1	15.1

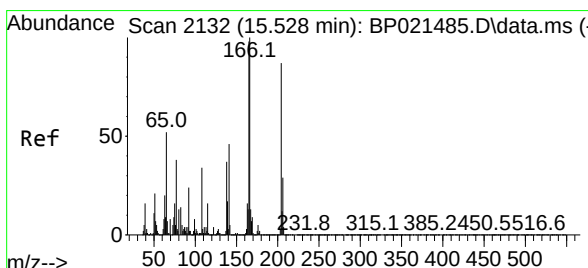
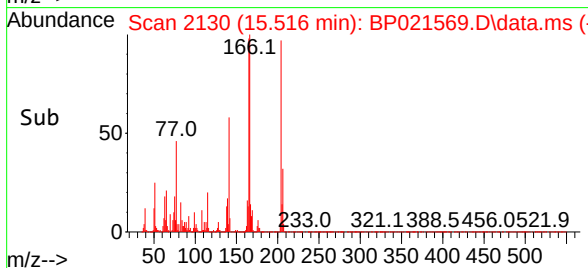
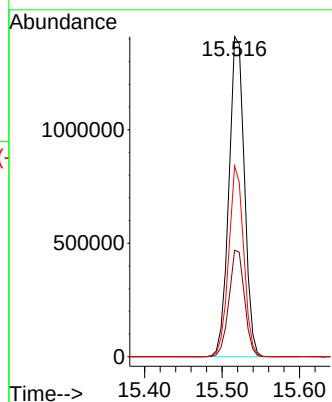
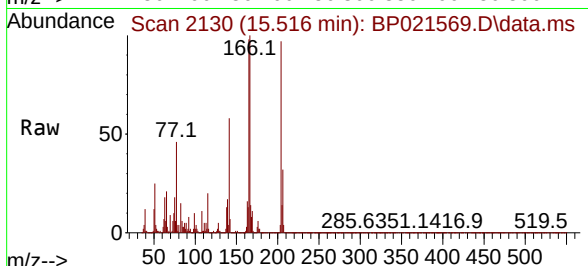




#61
4-Chlorophenyl-phenylether
Concen: 42.961 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

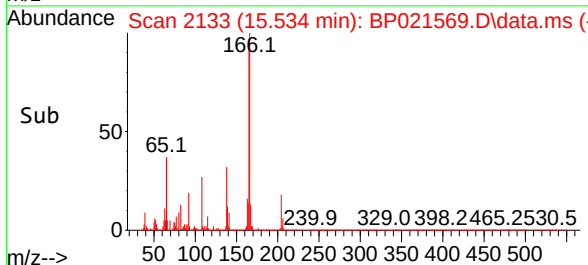
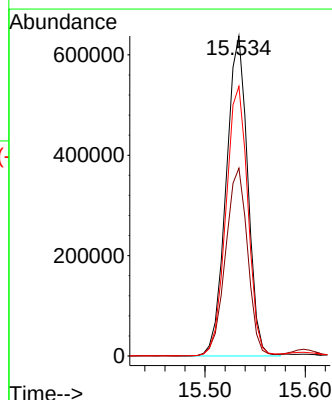
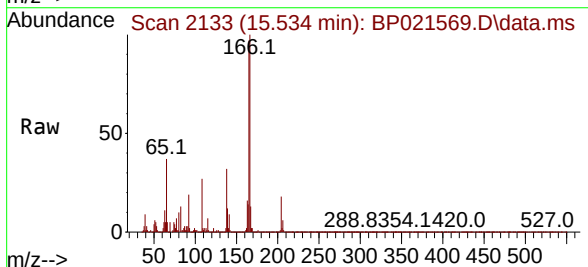
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

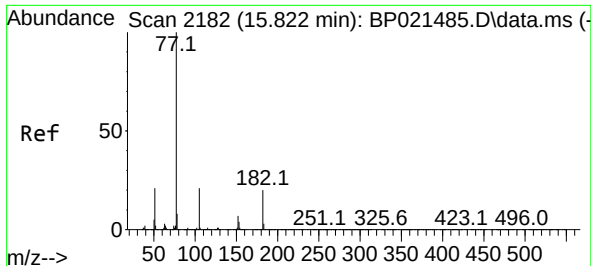
Tgt Ion:204 Resp: 1966279
Ion Ratio Lower Upper
204 100
206 33.3 26.4 39.6
141 59.6 46.1 69.1



#62
4-Nitroaniline
Concen: 52.570 ng
RT: 15.534 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:138 Resp: 951854
Ion Ratio Lower Upper
138 100
92 58.7 46.4 86.4
108 84.3 73.2 113.2



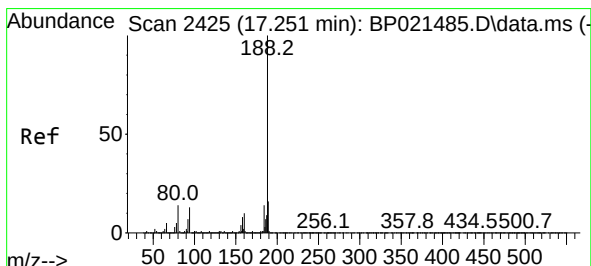
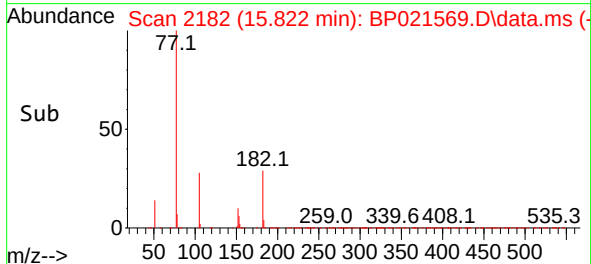
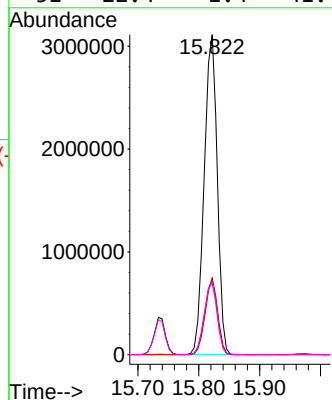
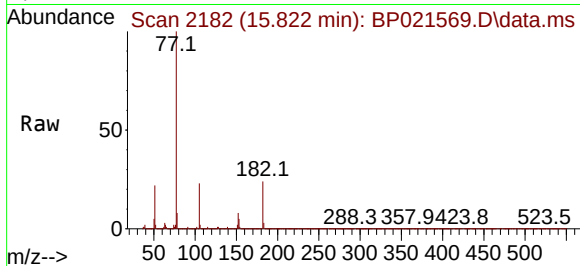


#63
Azobenzene
Concen: 41.483 ng
RT: 15.822 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Instrument :
BNA_P
ClientSampleId :
PB162822BSD

Tgt Ion: 77 Resp: 4620647

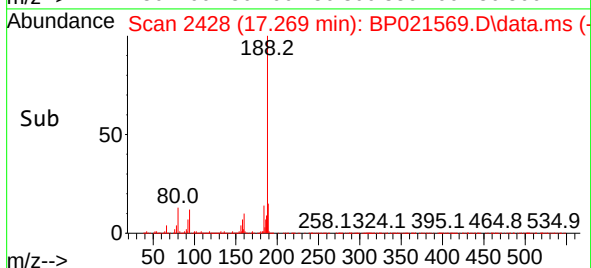
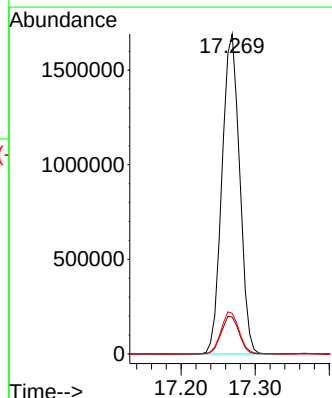
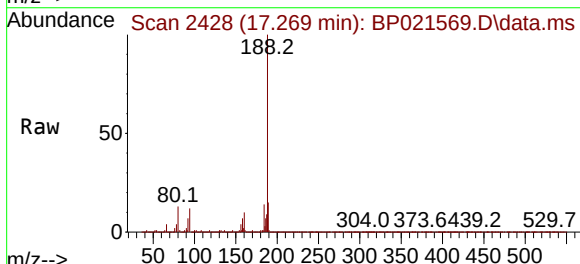
Ion	Ratio	Lower	Upper
77	100		
182	23.9	0.0	39.9
105	23.1	0.9	40.9
51	22.4	1.4	41.4

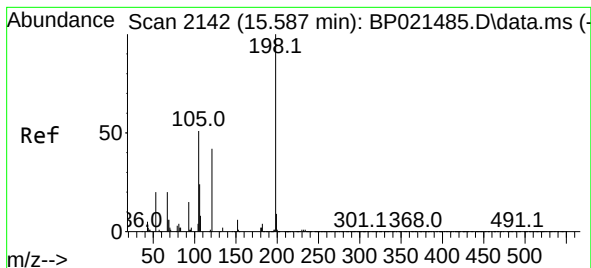


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2428
Delta R.T. 0.018 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion: 188 Resp: 2796133

Ion	Ratio	Lower	Upper
188	100		
94	11.6	10.2	15.4
80	12.7	11.6	17.4

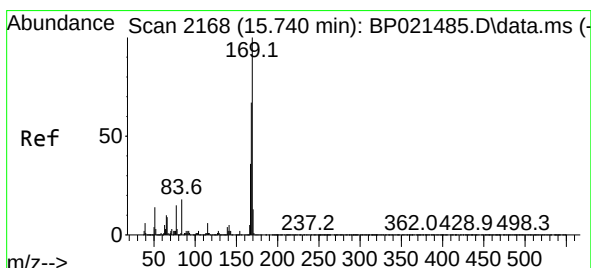
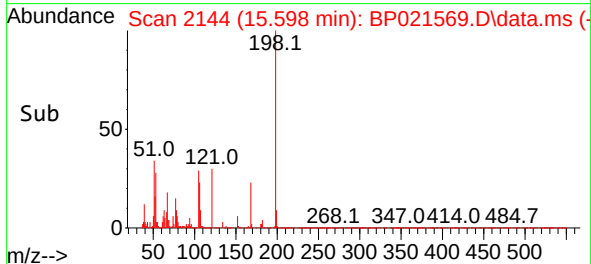
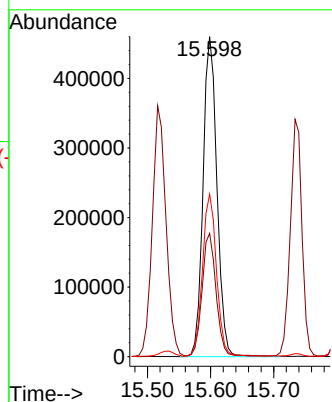
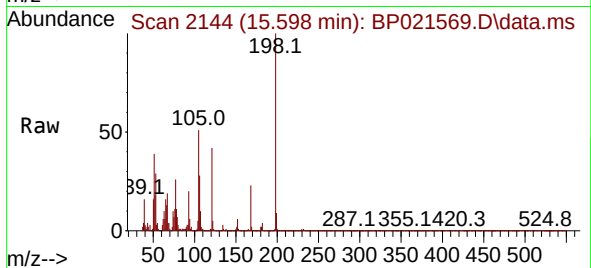




#65
4,6-Dinitro-2-methylphenol
Concen: 70.723 ng
RT: 15.598 min Scan# 2144
Delta R.T. 0.011 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

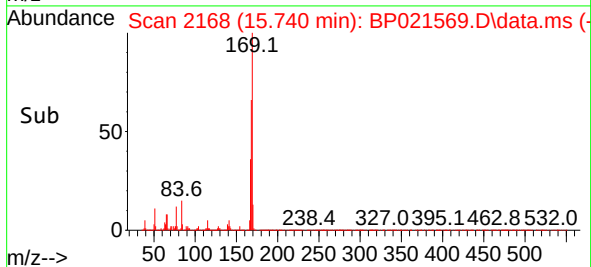
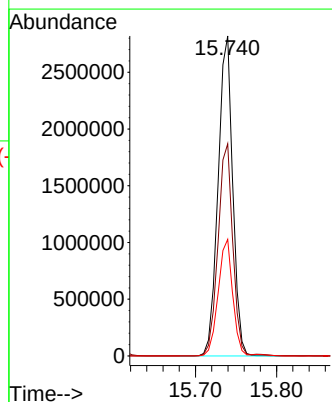
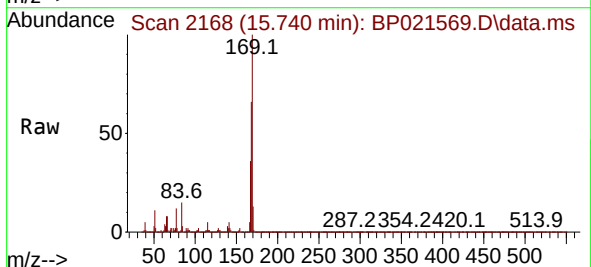
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

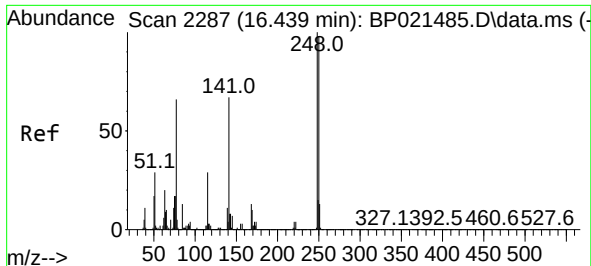
Tgt Ion:198 Resp: 702004
Ion Ratio Lower Upper
198 100
51 38.6 21.5 61.5
105 50.8 32.9 72.9



#66
n-Nitrosodiphenylamine
Concen: 47.107 ng
RT: 15.740 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:169 Resp: 3529833
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.2
167 36.5 28.7 43.1

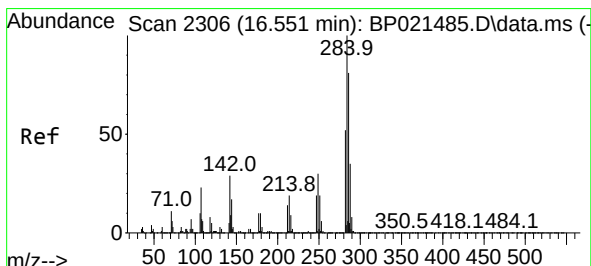
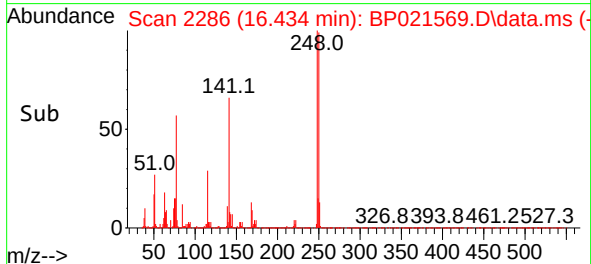
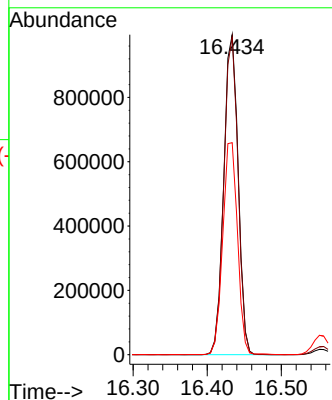
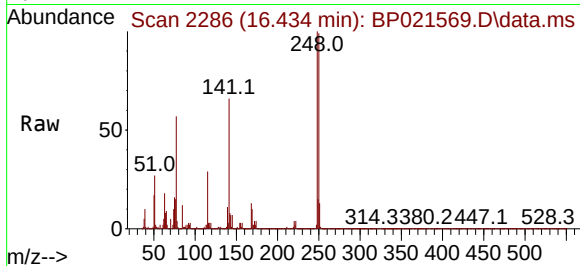




#67
4-Bromophenyl-phenylether
Concen: 45.335 ng
RT: 16.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

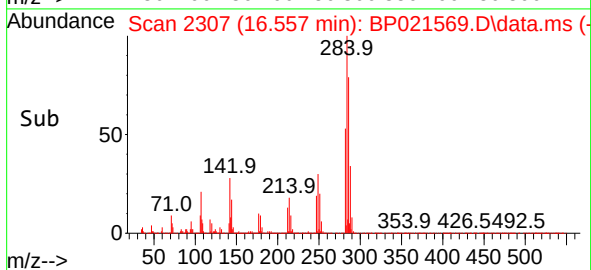
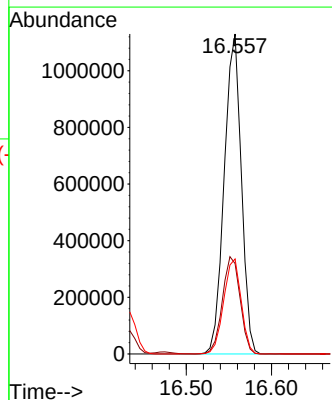
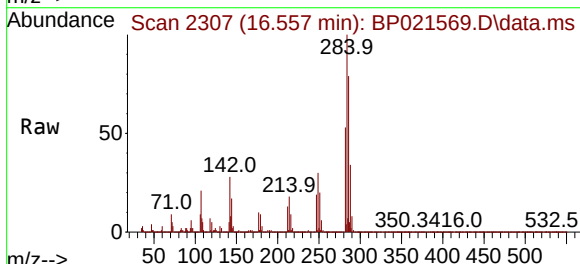
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

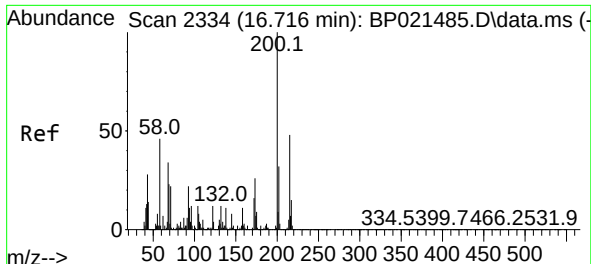
Tgt Ion:248 Resp: 1341601
Ion Ratio Lower Upper
248 100
250 99.2 78.6 117.8
141 66.3 53.9 80.9



#68
Hexachlorobenzene
Concen: 45.010 ng
RT: 16.557 min Scan# 2307
Delta R.T. 0.006 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:284 Resp: 1574085
Ion Ratio Lower Upper
284 100
142 28.3 23.4 35.2
249 29.7 24.1 36.1

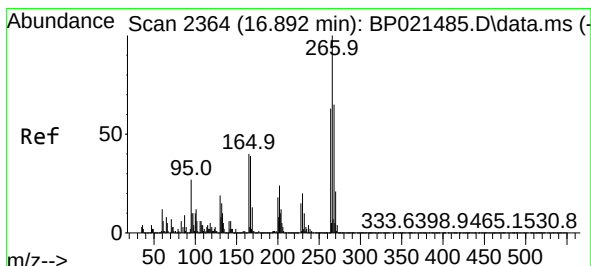
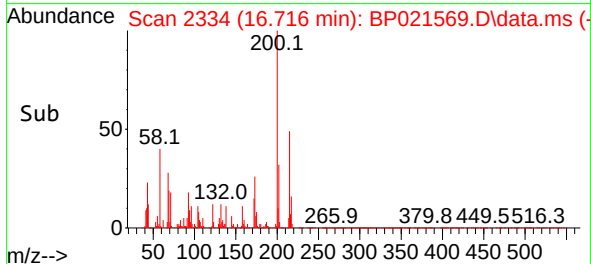
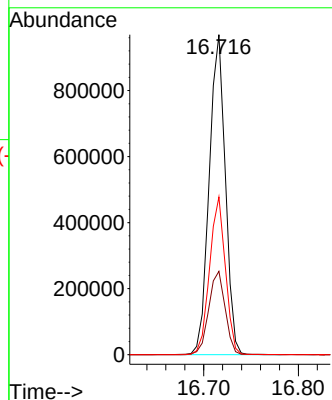
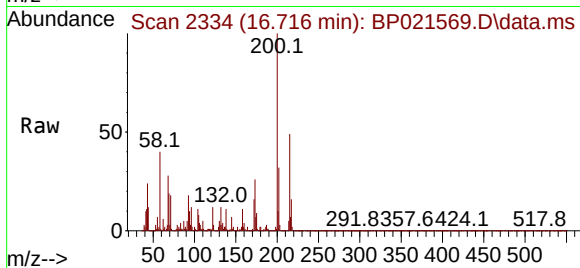




#69
Atrazine
Concen: 44.470 ng
RT: 16.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

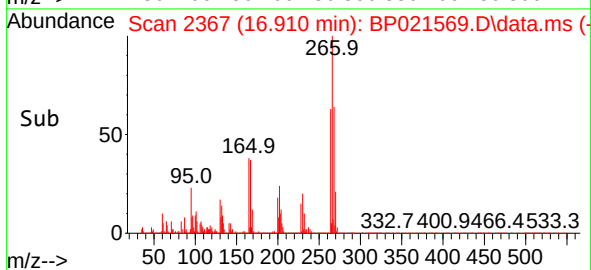
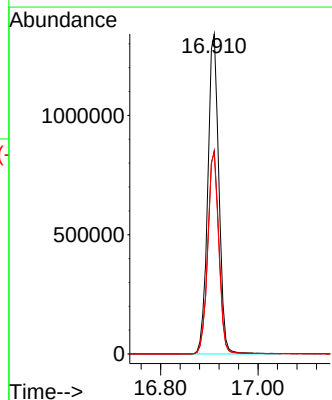
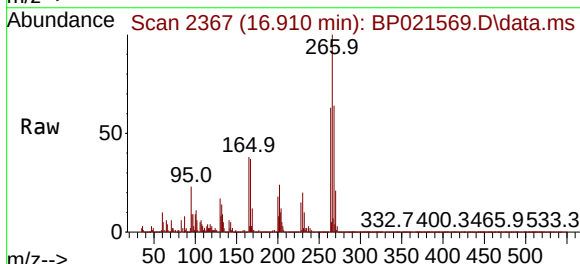
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

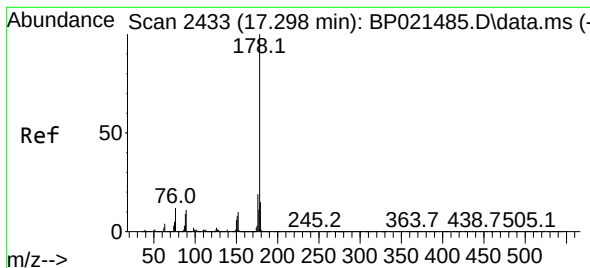
Tgt Ion:200 Resp: 1144071
Ion Ratio Lower Upper
200 100
173 26.0 6.2 46.2
215 49.3 28.4 68.4



#70
Pentachlorophenol
Concen: 110.436 ng
RT: 16.910 min Scan# 2367
Delta R.T. 0.018 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:266 Resp: 2107986
Ion Ratio Lower Upper
266 100
268 63.5 51.8 77.6
264 62.8 50.5 75.7





#71

Phenanthrene

Concen: 47.607 ng

RT: 17.310 min Scan# 2433

Delta R.T. 0.012 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

Instrument :

BNA_P

ClientSampleId :

PB162822BSD

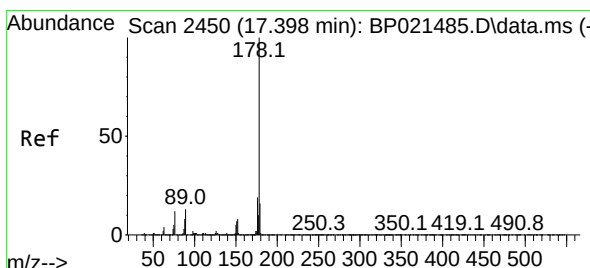
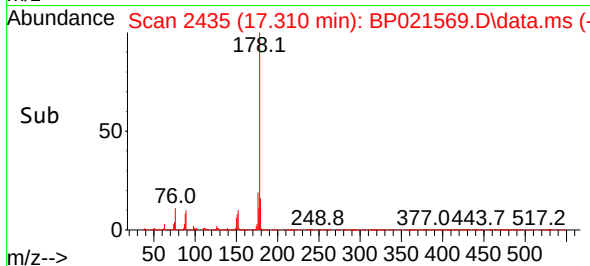
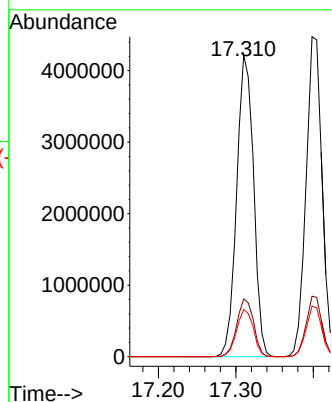
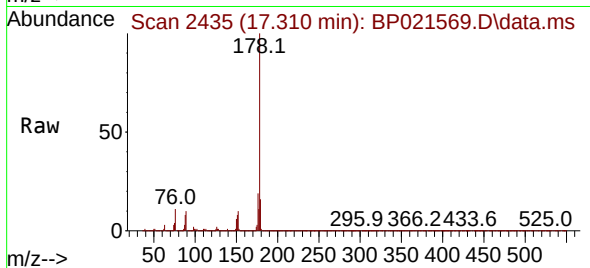
Tgt Ion:178 Resp: 6401785

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.6 12.4 18.6



#72

Anthracene

Concen: 48.715 ng

RT: 17.398 min Scan# 2450

Delta R.T. 0.000 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

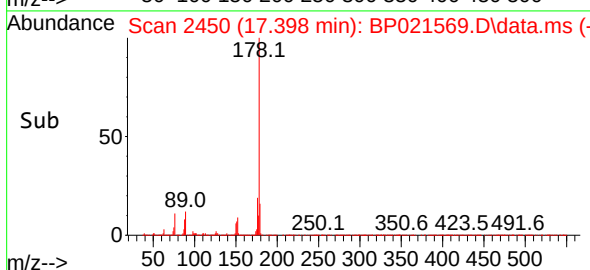
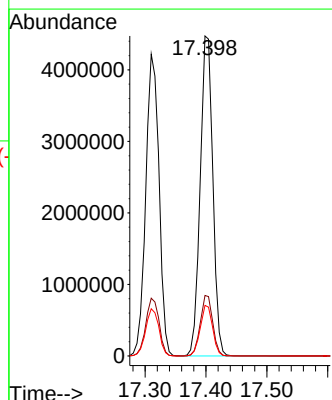
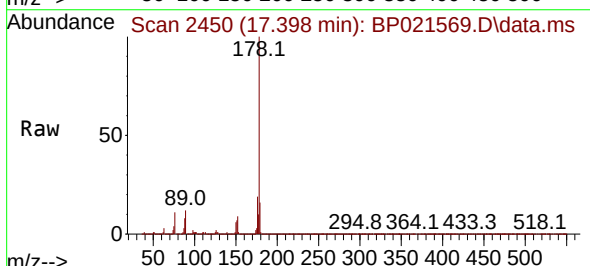
Tgt Ion:178 Resp: 6424495

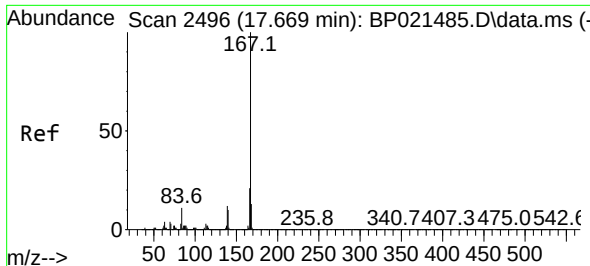
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.8 12.5 18.7



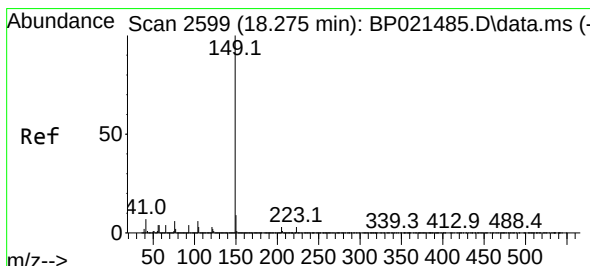
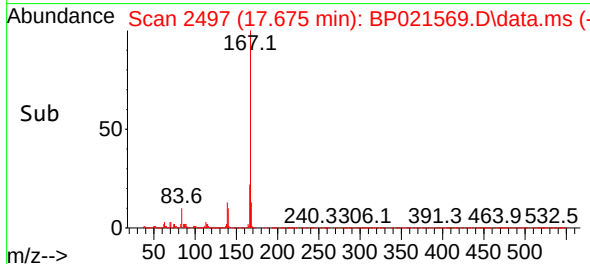
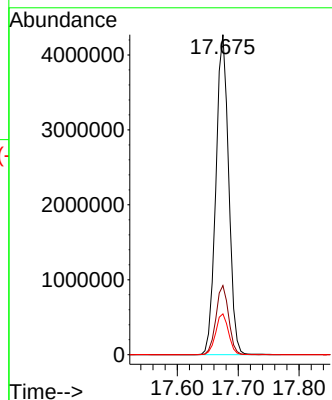
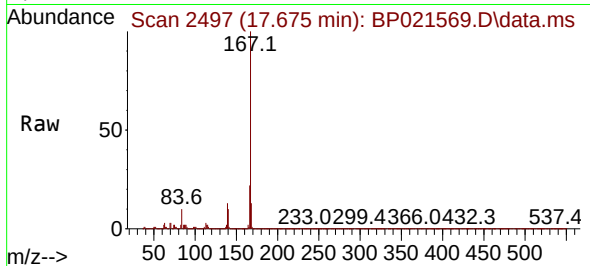


#73
 Carbazole
 Concen: 48.939 ng
 RT: 17.675 min Scan# 2496
 Delta R.T. 0.006 min
 Lab File: BP021569.D
 Acq: 20 Aug 2024 12:13

Instrument :
 BNA_P
 ClientSampleId :
 PB162822BSD

Tgt Ion:167 Resp: 6219869

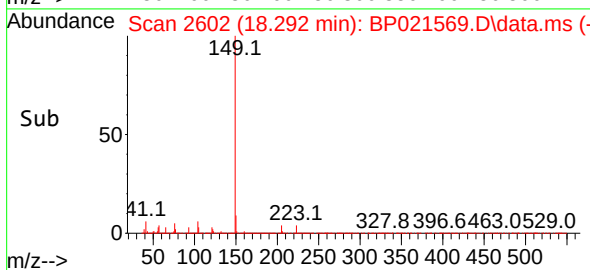
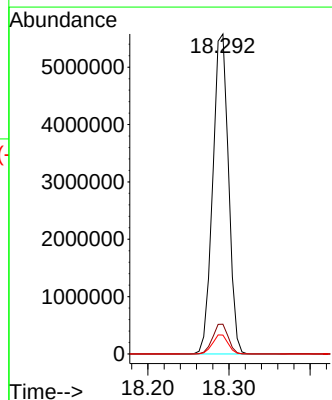
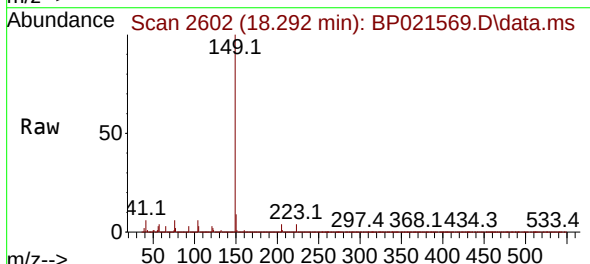
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.4
139	12.7	9.9	14.9

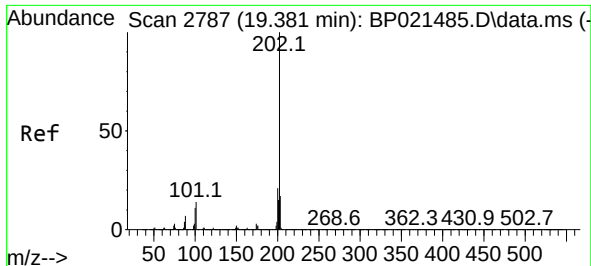


#74
 Di-n-butylphthalate
 Concen: 48.058 ng
 RT: 18.292 min Scan# 2602
 Delta R.T. 0.018 min
 Lab File: BP021569.D
 Acq: 20 Aug 2024 12:13

Tgt Ion:149 Resp: 7501228

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.9	4.9	7.3

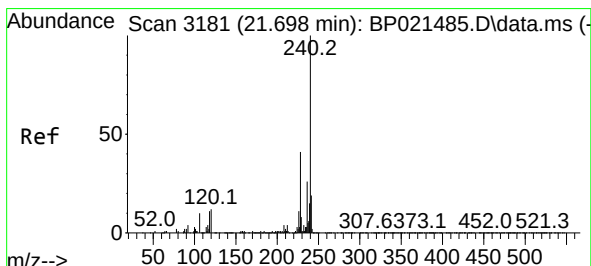
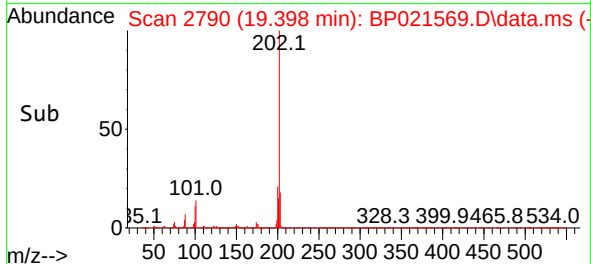
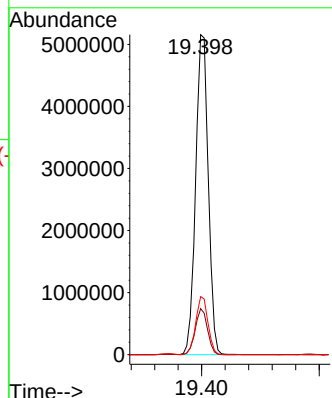
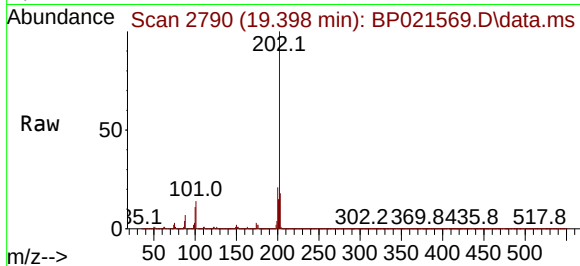




#75
Fluoranthene
Concen: 46.418 ng
RT: 19.398 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

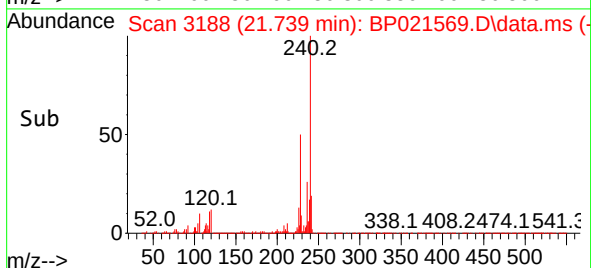
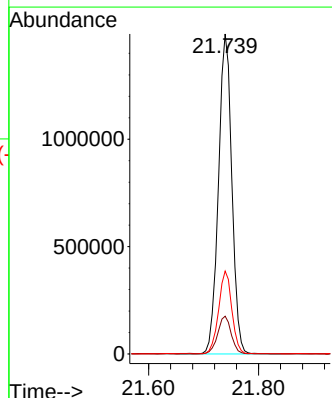
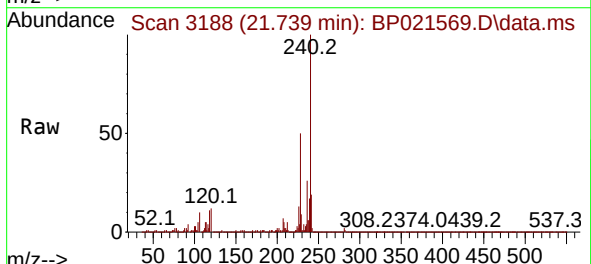
Instrument :
BNA_P
ClientSampleId :
PB162822BSD

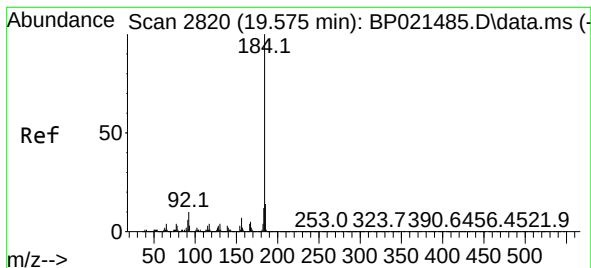
Tgt Ion:202 Resp: 7658708
Ion Ratio Lower Upper
202 100
101 14.4 0.0 34.0
203 18.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 3188
Delta R.T. 0.041 min
Lab File: BP021569.D
Acq: 20 Aug 2024 12:13

Tgt Ion:240 Resp: 2515502
Ion Ratio Lower Upper
240 100
120 11.8 9.9 14.9
236 25.9 20.6 30.8





#77

Benzidine

Concen: 28.295 ng

RT: 19.586 min Scan# 2822

Delta R.T. 0.011 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

Instrument :

BNA_P

ClientSampleId :

PB162822BSD

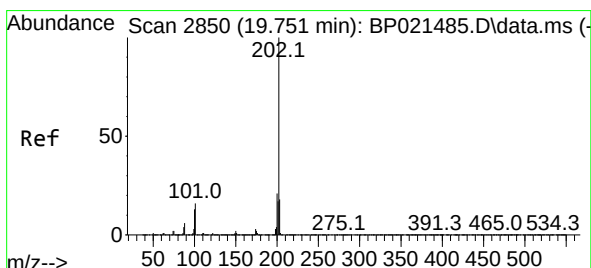
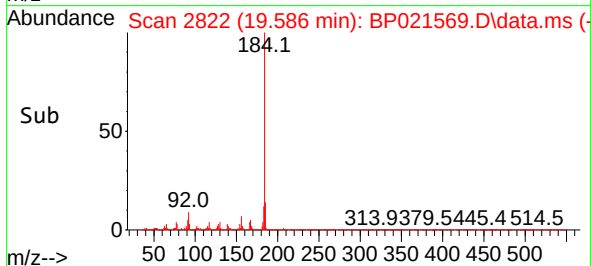
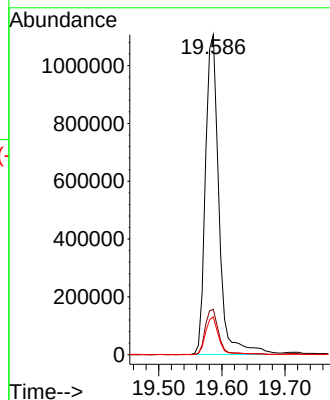
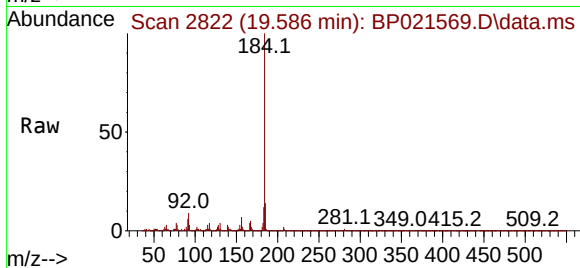
Tgt Ion:184 Resp: 1654718

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

183 11.8 9.3 13.9



#78

Pyrene

Concen: 47.980 ng

RT: 19.781 min Scan# 2855

Delta R.T. 0.029 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

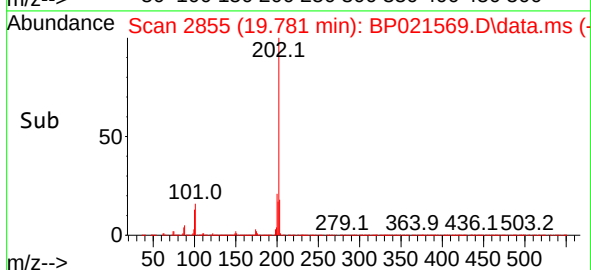
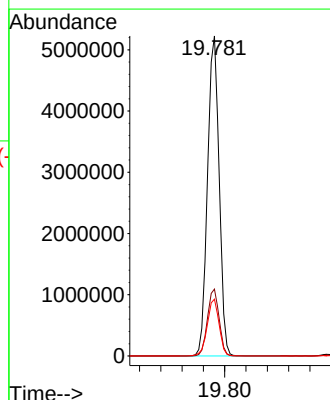
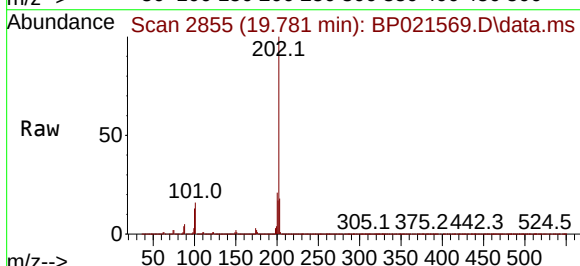
Tgt Ion:202 Resp: 7888730

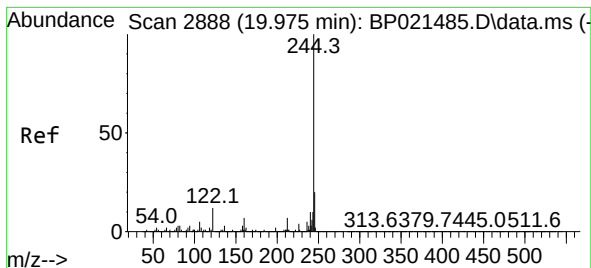
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 88.694 ng

RT: 19.992 min Scan# 2888

Delta R.T. 0.017 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

Instrument :

BNA_P

ClientSampleId :

PB162822BSD

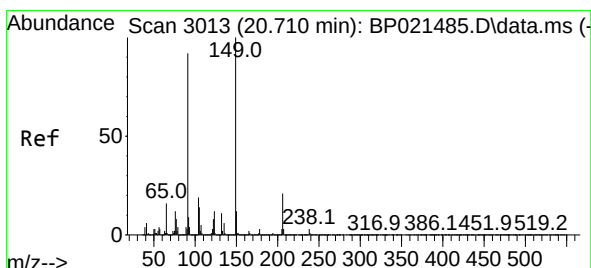
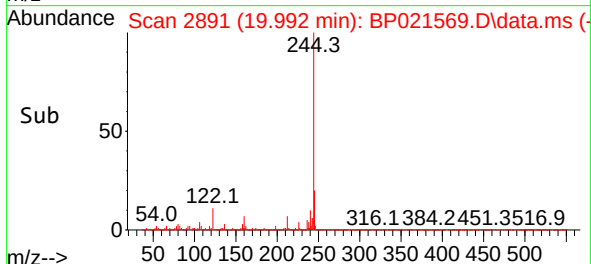
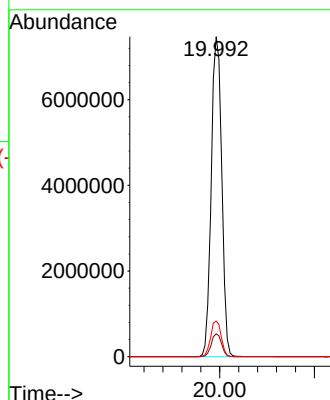
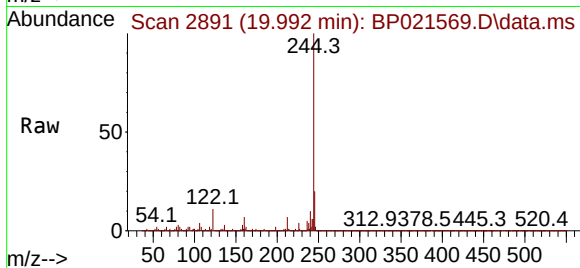
Tgt Ion:244 Resp:11484368

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 53.957 ng

RT: 20.722 min Scan# 3015

Delta R.T. 0.012 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

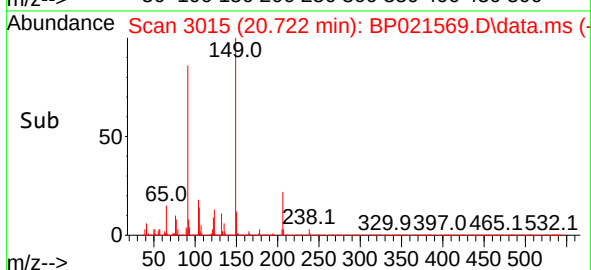
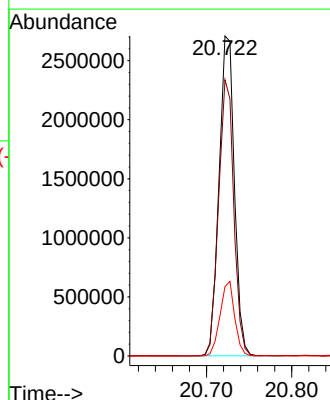
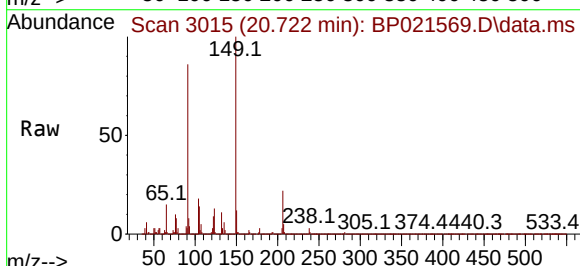
Tgt Ion:149 Resp: 3397196

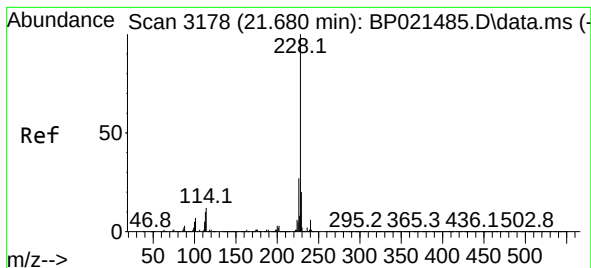
Ion Ratio Lower Upper

149 100

91 86.3 73.3 109.9

206 21.7 17.1 25.7





#81

Benzo(a)anthracene

Concen: 48.721 ng

RT: 21.716 min Scan# 3178

Delta R.T. 0.035 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

Instrument :

BNA_P

ClientSampleId :

PB162822BSD

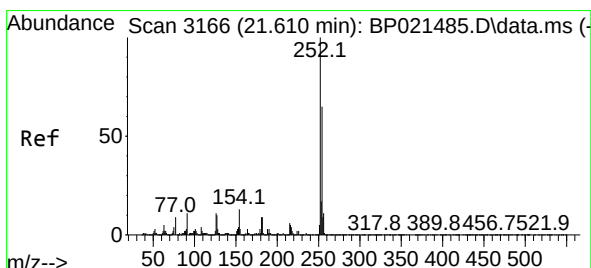
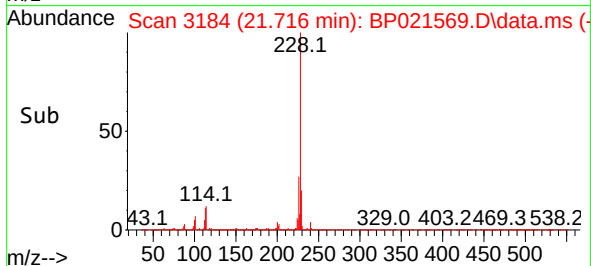
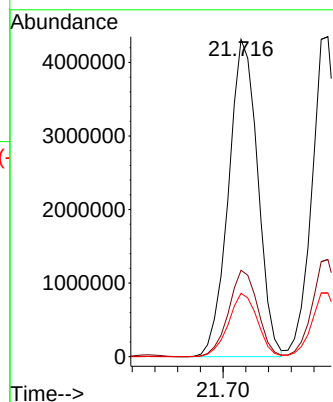
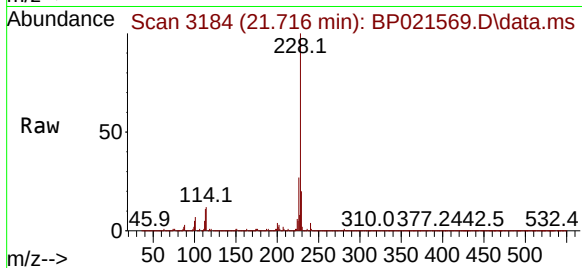
Tgt Ion:228 Resp: 7693671

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.2

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 45.726 ng

RT: 21.633 min Scan# 3170

Delta R.T. 0.024 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

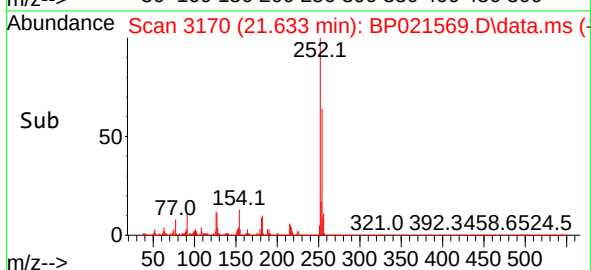
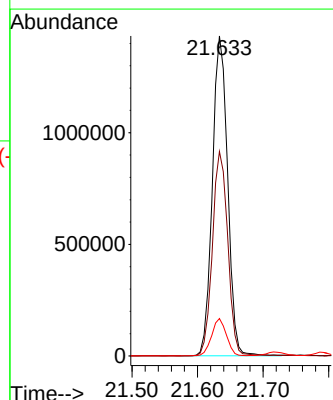
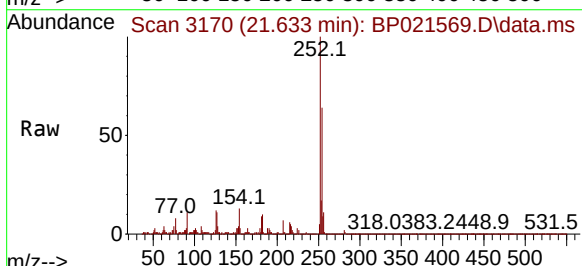
Tgt Ion:252 Resp: 2315165

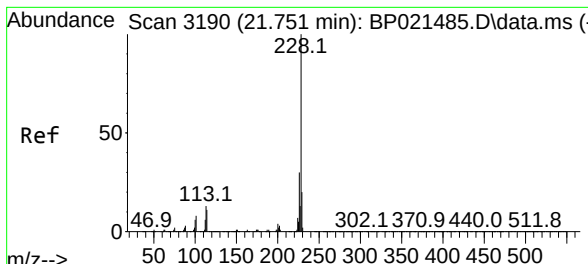
Ion Ratio Lower Upper

252 100

254 63.9 51.7 77.5

126 11.7 8.7 13.1





#83

Chrysene

Concen: 48.803 ng

RT: 21.792 min Scan# 3190

Delta R.T. 0.041 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

Instrument :

BNA_P

ClientSampleId :

PB162822BSD

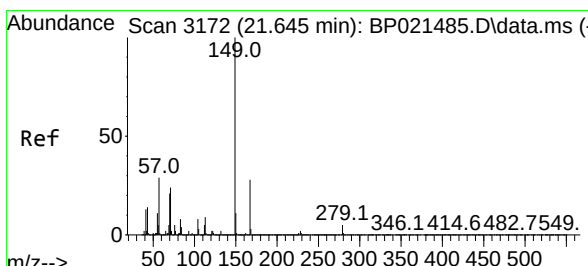
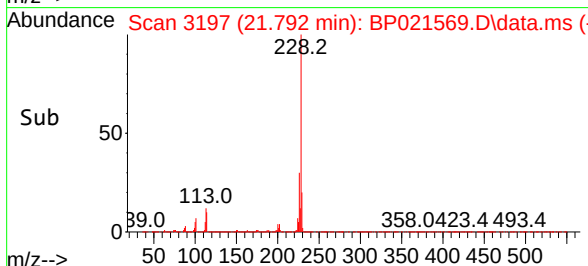
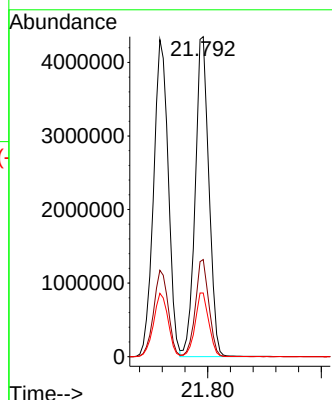
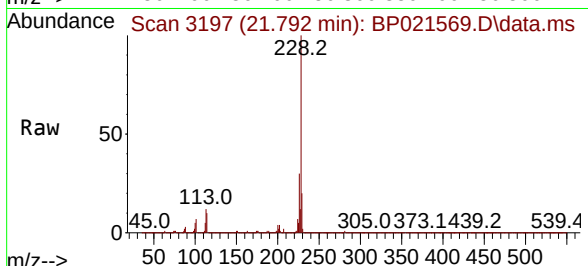
Tgt Ion:228 Resp: 7276214

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.521 ng

RT: 21.675 min Scan# 3177

Delta R.T. 0.029 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

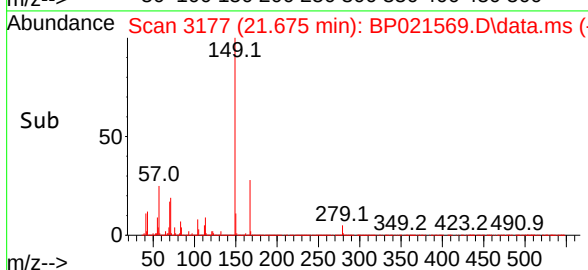
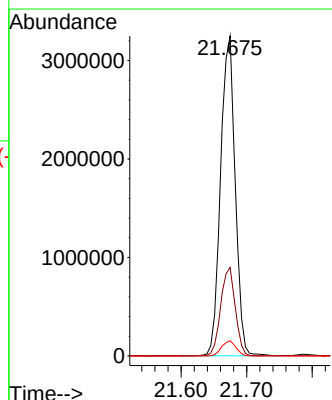
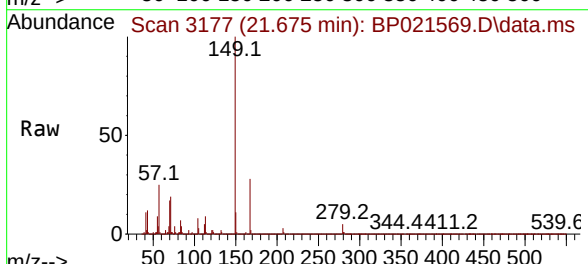
Tgt Ion:149 Resp: 4995239

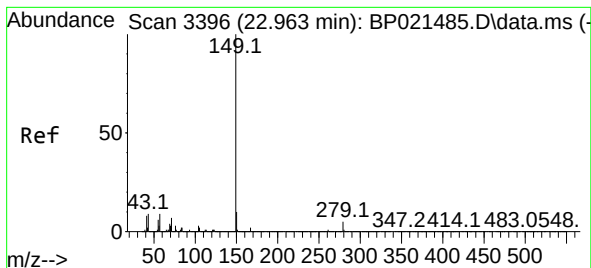
Ion Ratio Lower Upper

149 100

167 27.6 22.3 33.5

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 52.619 ng

RT: 22.992 min Scan# 34

Delta R.T. 0.029 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

Instrument :

BNA_P

ClientSampleId :

PB162822BSD

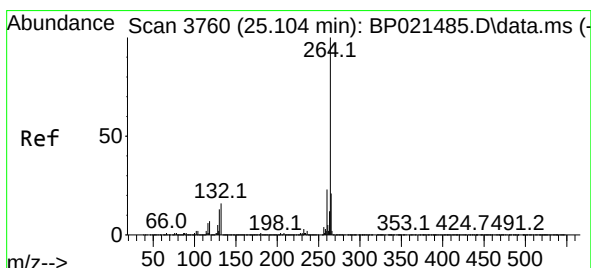
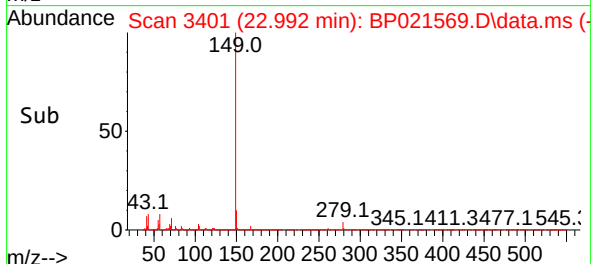
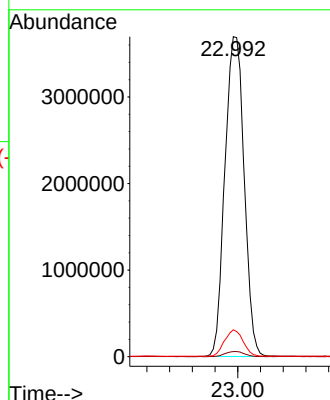
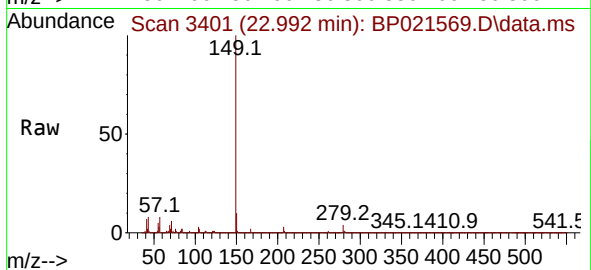
Tgt Ion:149 Resp: 8711748

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.186 min Scan# 3774

Delta R.T. 0.082 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

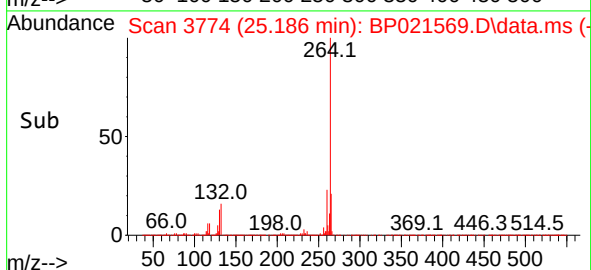
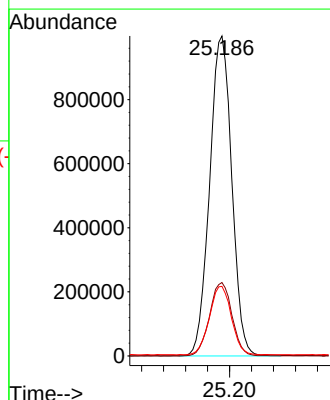
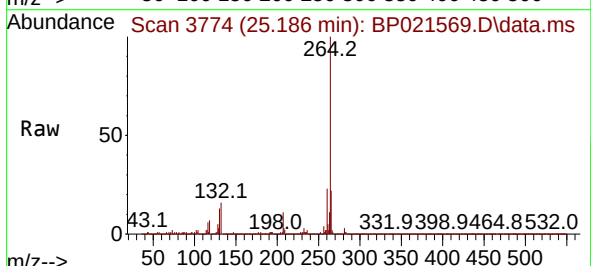
Tgt Ion:264 Resp: 2791666

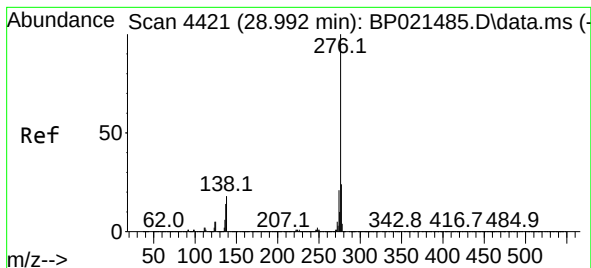
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.928 ng

RT: 29.104 min Scan# 4421

Delta R.T. 0.112 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

Instrument :

BNA_P

ClientSampleId :

PB162822BSD

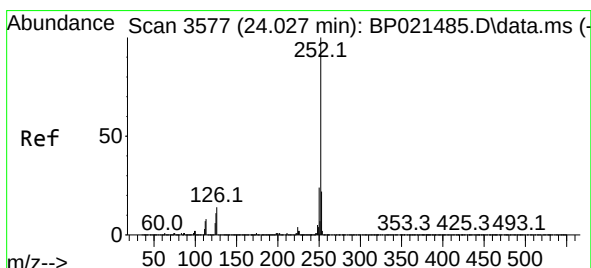
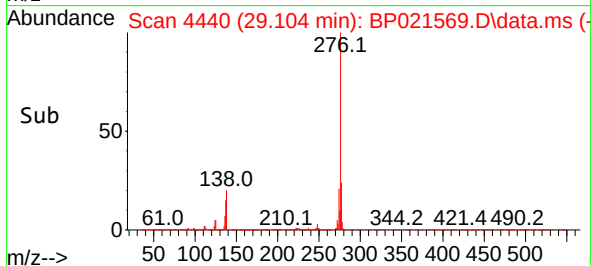
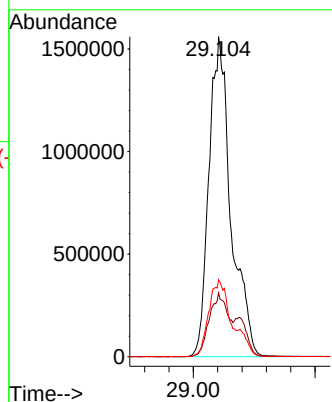
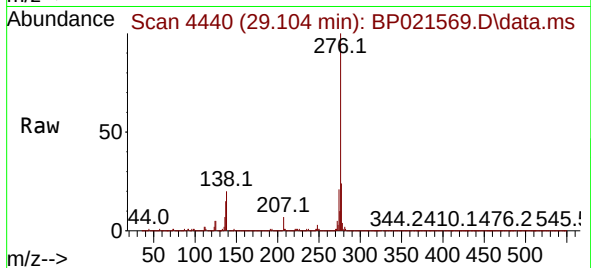
Tgt Ion:276 Resp: 9758827

Ion Ratio Lower Upper

276 100

138 17.1 12.8 19.2

277 21.8 16.5 24.7



#88

Benzo(b)fluoranthene

Concen: 49.556 ng

RT: 24.098 min Scan# 3589

Delta R.T. 0.071 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

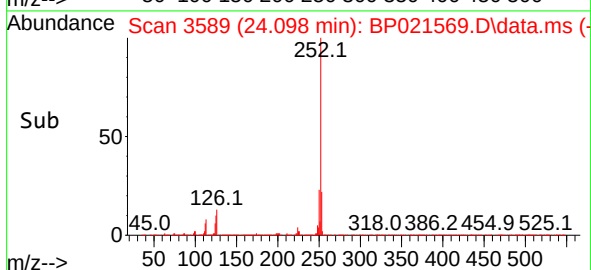
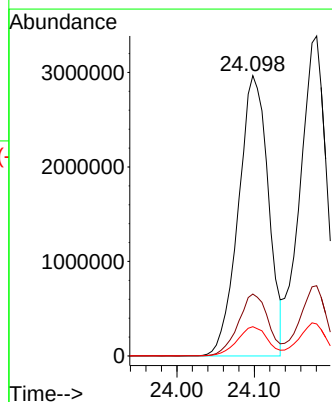
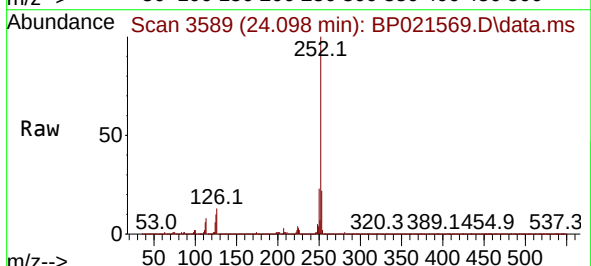
Tgt Ion:252 Resp: 7945368

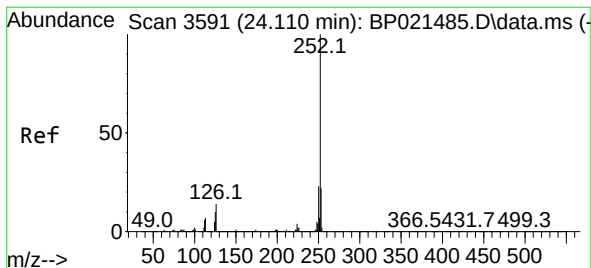
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.5 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 49.608 ng

RT: 24.180 min Scan# 30

Delta R.T. 0.071 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

Instrument :

BNA_P

ClientSampleId :

PB162822BSD

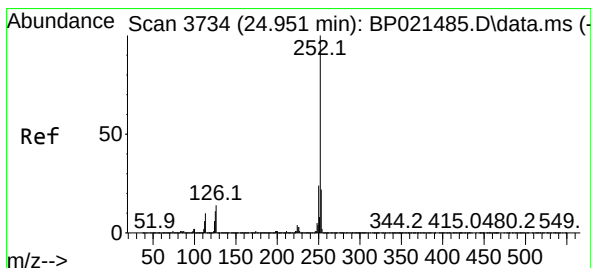
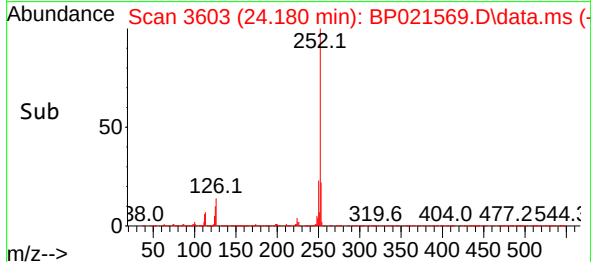
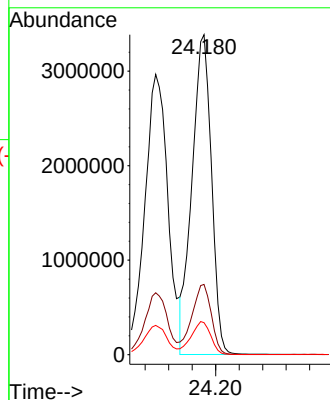
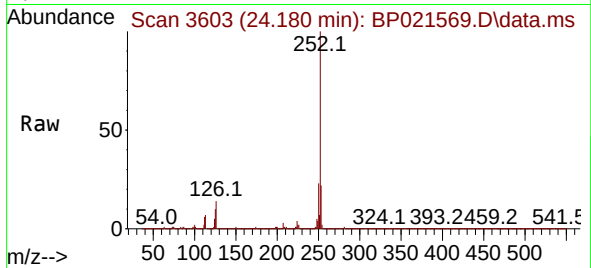
Tgt Ion:252 Resp: 7758942

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.0 7.8 11.8



#90

Benzo(a)pyrene

Concen: 54.014 ng

RT: 25.033 min Scan# 3748

Delta R.T. 0.082 min

Lab File: BP021569.D

Acq: 20 Aug 2024 12:13

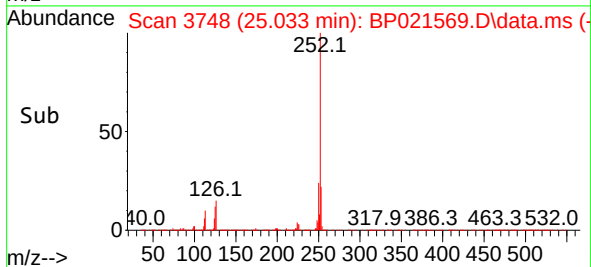
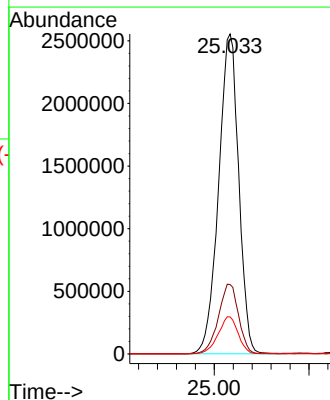
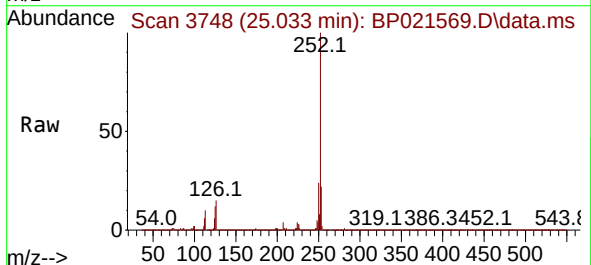
Tgt Ion:252 Resp: 7515255

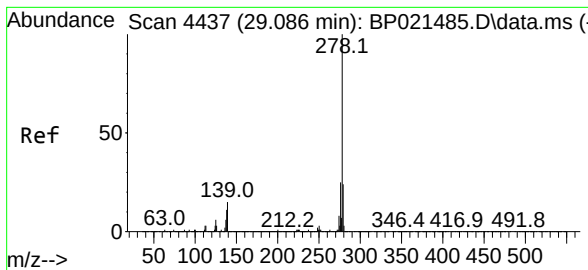
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 11.6 8.7 13.1



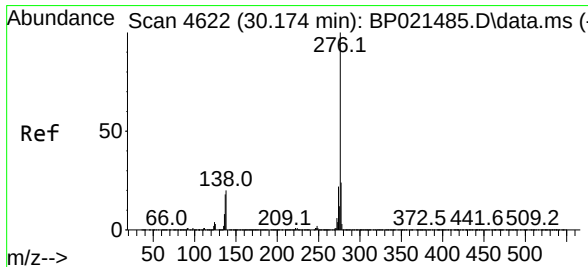
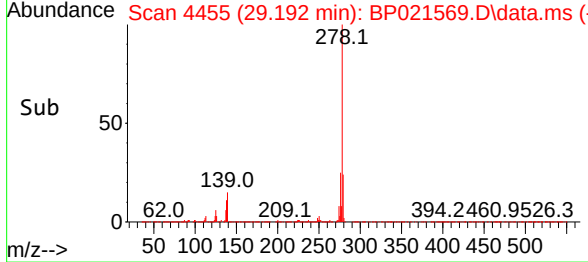
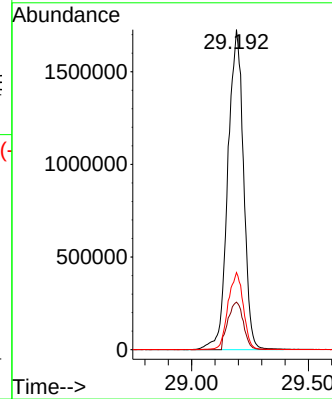
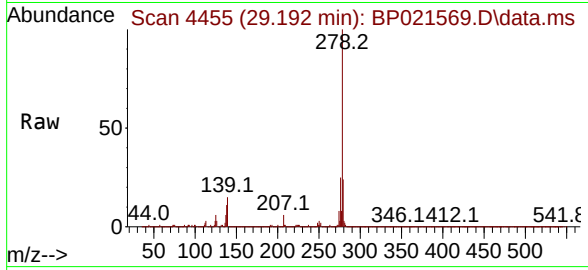


#91
 Dibenzo(a,h)anthracene
 Concen: 53.335 ng
 RT: 29.192 min Scan# 4437
 Delta R.T. 0.106 min
 Lab File: BP021569.D
 Acq: 20 Aug 2024 12:13

Instrument :
 BNA_P
 ClientSampleId :
 PB162822BSD

Tgt Ion:278 Resp: 8019357

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.2	18.4
279	24.1	19.1	28.7



#92
 Benzo(g,h,i)perylene
 Concen: 50.941 ng
 RT: 30.327 min Scan# 4648
 Delta R.T. 0.153 min
 Lab File: BP021569.D
 Acq: 20 Aug 2024 12:13

Tgt Ion:276 Resp: 7676781

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	21.6	16.0	24.0

