

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
 Data File : BP021558.D
 Acq On : 19 Aug 2024 18:10
 Operator : RC/JU
 Sample : P3518-15MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-08-080724MSD

Quant Time: Aug 19 18:42:50 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	7.804	152	341396	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	1418891	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	927420	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1948663	20.000	ng	0.00
76) Chrysene-d12	21.704	240	1729550	20.000	ng	0.00
86) Perylene-d12	25.133	264	2112740	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2229483	96.969	ng	0.00
7) Phenol-d6	6.969	99	3231905	96.361	ng	0.00
23) Nitrobenzene-d5	8.951	82	1848624	67.247	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1055737	102.282	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	2822547	46.448	ng	0.00
79) Terphenyl-d14	19.963	244	4013517	45.082	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	423441	38.842	ng	99
3) Pyridine	3.711	79	1256823	41.297	ng	97
4) n-Nitrosodimethylamine	3.616	42	453221	49.546	ng	93
6) Aniline	7.128	93	1373319	40.958	ng	98
8) 2-Chlorophenol	7.375	128	1343784	63.245	ng	94
9) Benzaldehyde	6.946	77	54679	2.546	ng	97
10) Phenol	6.999	94	2008298	57.824	ng	96
11) bis(2-Chloroethyl)ether	7.228	93	1526489	51.942	ng	94
12) 1,3-Dichlorobenzene	7.699	146	1335943	52.934	ng	96
13) 1,4-Dichlorobenzene	7.840	146	1365782	53.592	ng	98
14) 1,2-Dichlorobenzene	8.157	146	1313298	53.475	ng	99
15) Benzyl Alcohol	8.040	79	1359091	56.476	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1401981	51.803	ng	97
17) 2-Methylphenol	8.240	107	1295979	59.024	ng	98
18) Hexachloroethane	8.887	117	553001	54.113	ng	98
19) n-Nitroso-di-n-propyla...	8.610	70	1062385	45.855	ng	96
20) 3+4-Methylphenols	8.563	107	1785354	60.304	ng	98
22) Acetophenone	8.622	105	2054237	47.126	ng	# 98
24) Nitrobenzene	8.993	77	1619309	54.236	ng	93
25) Isophorone	9.522	82	3159768	48.654	ng	98
26) 2-Nitrophenol	9.704	139	658225	70.168	ng	94
27) 2,4-Dimethylphenol	9.763	122	1017210	63.468	ng	97
28) bis(2-Chloroethoxy)met...	9.998	93	2004819	50.573	ng	100
29) 2,4-Dichlorophenol	10.240	162	1256195	66.337	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	1299402	53.522	ng	98
31) Naphthalene	10.645	128	3953536	53.337	ng	100
32) Benzoic acid	9.904	122	937018	73.293	ng	93
33) 4-Chloroaniline	10.745	127	908377	32.625	ng	96
34) Hexachlorobutadiene	10.940	225	778243	50.911	ng	99
35) Caprolactam	11.528	113	453497	57.535	ng	92
36) 4-Chloro-3-methylphenol	11.875	107	1622780	61.777	ng	95
37) 2-Methylnaphthalene	12.257	142	2729740	53.959	ng	99
38) 1-Methylnaphthalene	12.475	142	2551226	51.133	ng	100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1370642	50.440	ng	100
41) Hexachlorocyclopentadiene	12.610	237	1032666	119.906	ng	98
43) 2,4,6-Trichlorophenol	12.869	196	1029467	68.201	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
 Data File : BP021558.D
 Acq On : 19 Aug 2024 18:10
 Operator : RC/JU
 Sample : P3518-15MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

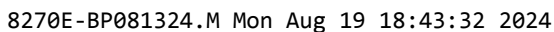
Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-08-080724MSD

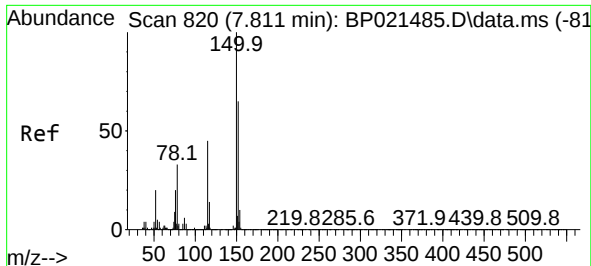
Quant Time: Aug 19 18:42:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	1101921	65.705	ng	96
46) 1,1'-Biphenyl	13.275	154	3248756	49.512	ng	98
47) 2-Chloronaphthalene	13.310	162	2758596	54.001	ng	98
48) 2-Nitroaniline	13.510	65	937369	63.597	ng	# 86
49) Acenaphthylene	14.169	152	4520215	60.192	ng	100
50) Dimethylphthalate	13.898	163	3429273	55.215	ng	100
51) 2,6-Dinitrotoluene	14.010	165	755825	59.297	ng	93
52) Acenaphthene	14.510	154	2616536	53.102	ng	100
53) 3-Nitroaniline	14.339	138	670760	53.919	ng	# 91
54) 2,4-Dinitrophenol	14.551	184	602669	113.047	ng	# 88
55) Dibenzofuran	14.857	168	4207878	55.514	ng	99
56) 4-Nitrophenol	14.657	139	1398040	132.186	ng	87
57) 2,4-Dinitrotoluene	14.810	165	1065253	64.871	ng	87
58) Fluorene	15.510	166	3268239	52.485	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	987704	69.387	ng	99
60) Diethylphthalate	15.286	149	3470169	54.455	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	1663970	51.695	ng	98
62) 4-Nitroaniline	15.522	138	774219	60.342	ng	91
63) Azobenzene	15.804	77	3848772	49.133	ng	96
65) 4,6-Dinitro-2-methylph...	15.586	198	442112	66.054	ng	97
66) n-Nitrosodiphenylamine	15.722	169	2919075	55.898	ng	100
67) 4-Bromophenyl-phenylether	16.422	248	1132487	54.912	ng	99
68) Hexachlorobenzene	16.539	284	1304837	53.537	ng	99
69) Atrazine	16.698	200	999137	55.727	ng	99
70) Pentachlorophenol	16.892	266	1698108	127.653	ng	100
71) Phenanthrene	17.292	178	5406771	57.693	ng	99
72) Anthracene	17.386	178	5375410	58.486	ng	100
73) Carbazole	17.663	167	5034035	56.834	ng	99
74) Di-n-butylphthalate	18.257	149	6194834	56.948	ng	99
75) Fluoranthene	19.374	202	6593442	57.341	ng	99
77) Benzidine	19.563	184	2292245	60.346	ng	100
78) Pyrene	19.751	202	6744339	59.660	ng	100
80) Butylbenzylphthalate	20.698	149	2768683	63.290	ng	96
81) Benzo(a)anthracene	21.680	228	6449455	59.401	ng	100
82) 3,3'-Dichlorobenzidine	21.598	252	1997939	57.393	ng	100
83) Chrysene	21.745	228	6078651	59.298	ng	100
84) Bis(2-ethylhexyl)phtha...	21.633	149	4003843	62.393	ng	100
85) Di-n-octyl phthalate	22.951	149	6994994	60.638	ng	97
87) Indeno(1,2,3-cd)pyrene	29.033	276	7372771	53.835	ng	# 92
88) Benzo(b)fluoranthene	24.051	252	6805486	56.086	ng	99
89) Benzo(k)fluoranthene	24.115	252	6732514	56.878	ng	99
90) Benzo(a)pyrene	24.974	252	6449393	61.249	ng	99
91) Dibenzo(a,h)anthracene	29.139	278	6733467	59.174	ng	100
92) Benzo(g,h,i)perylene	30.274	276	6552048	57.449	ng	99

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

Quant Time: Aug 19 18:42:50 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

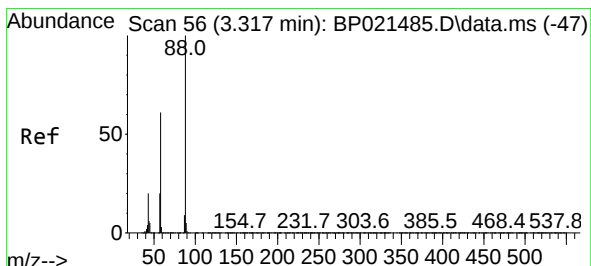
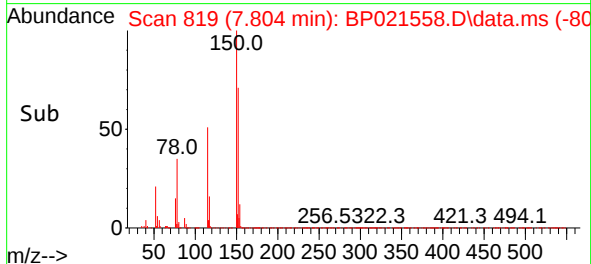
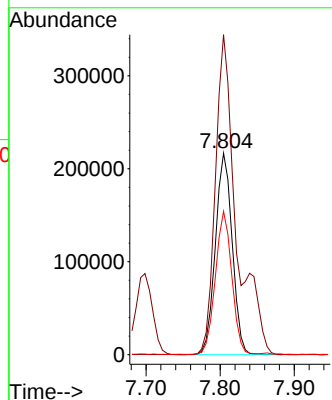
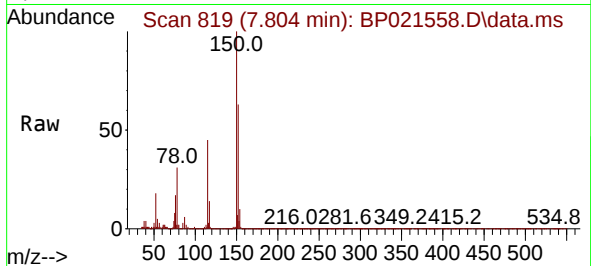




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BP021558.D
 Acq: 19 Aug 2024 18:10

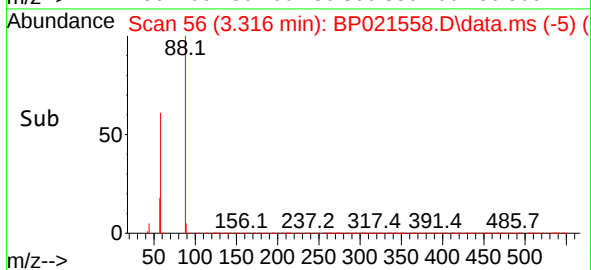
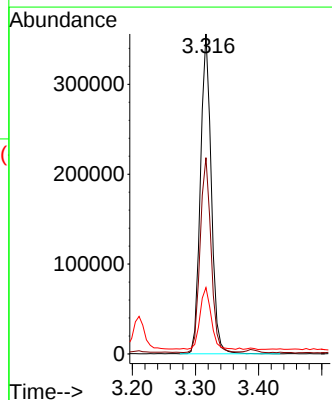
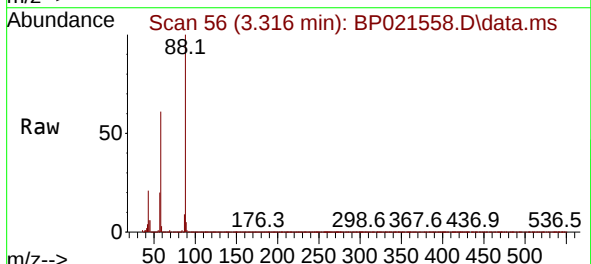
Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-08-080724MSD

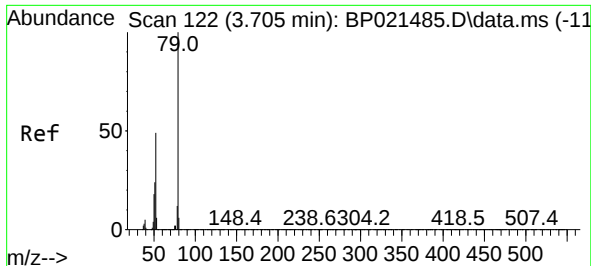
Tgt Ion:152 Resp: 341396
 Ion Ratio Lower Upper
 152 100
 150 158.8 122.4 183.6
 115 71.1 54.7 82.1



#2
 1,4-Dioxane
 Concen: 38.842 ng
 RT: 3.316 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: BP021558.D
 Acq: 19 Aug 2024 18:10

Tgt Ion: 88 Resp: 423441
 Ion Ratio Lower Upper
 88 100
 58 61.7 48.7 73.1
 43 19.9 15.4 23.2





#3

Pyridine

Concen: 41.297 ng

RT: 3.711 min Scan# 122

Delta R.T. 0.006 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

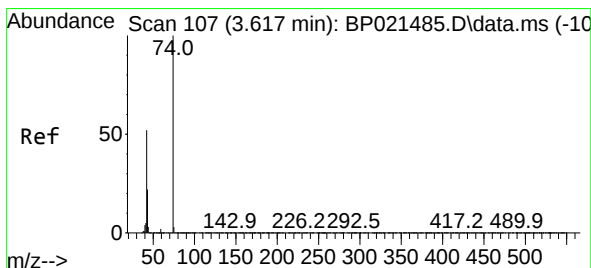
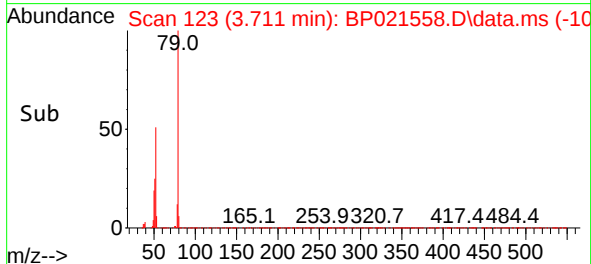
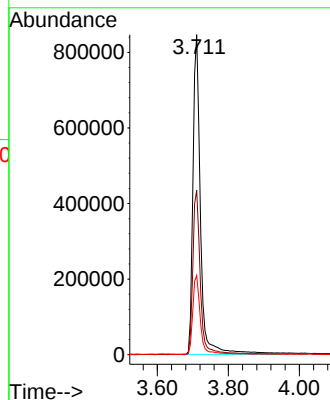
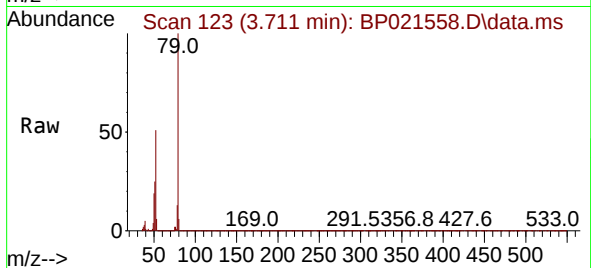
Tgt Ion: 79 Resp: 1256823

Ion Ratio Lower Upper

79 100

52 51.4 39.0 58.6

51 24.7 19.2 28.8



#4

n-Nitrosodimethylamine

Concen: 49.546 ng

RT: 3.616 min Scan# 107

Delta R.T. -0.000 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

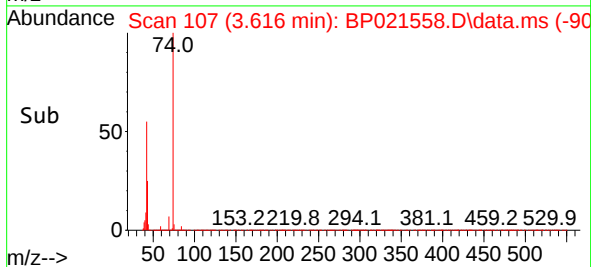
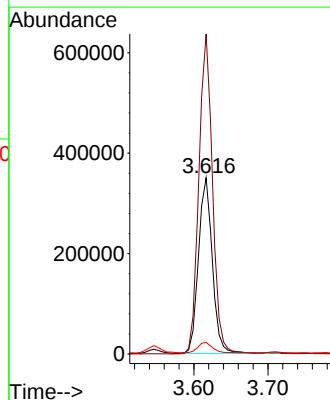
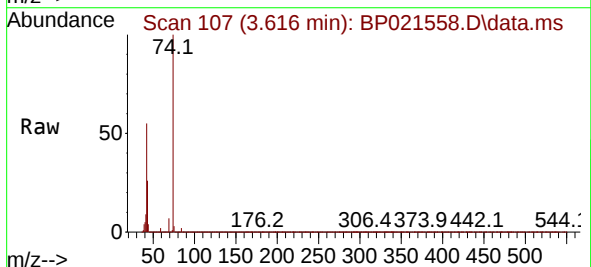
Tgt Ion: 42 Resp: 453221

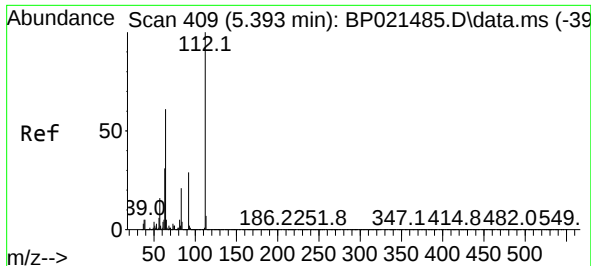
Ion Ratio Lower Upper

42 100

74 181.6 154.3 231.5

44 6.6 6.2 9.4

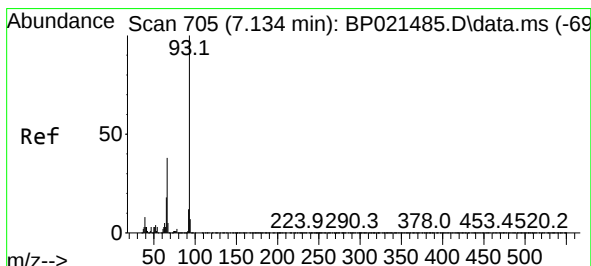
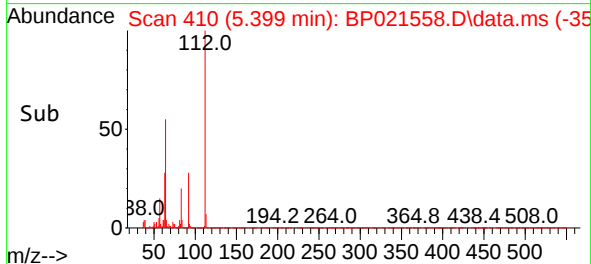
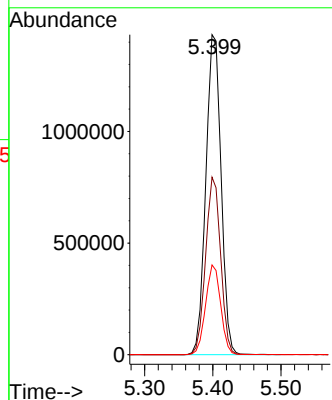
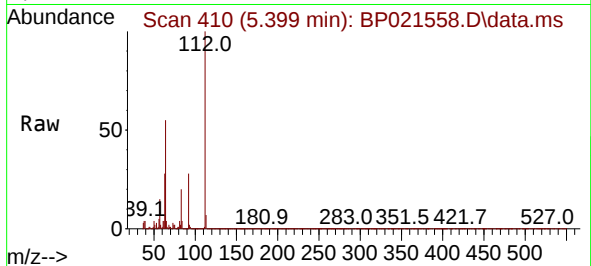




#5
2-Fluorophenol
Concen: 96.969 ng
RT: 5.399 min Scan# 411
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

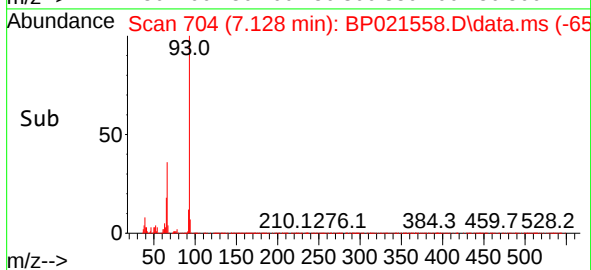
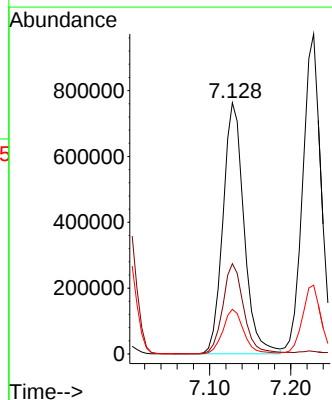
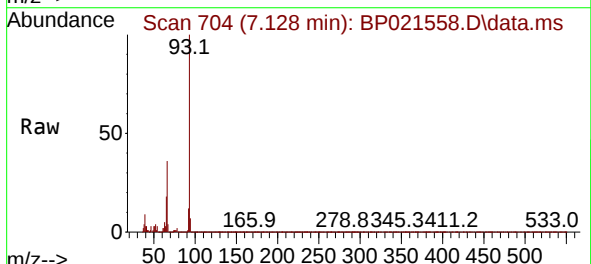
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

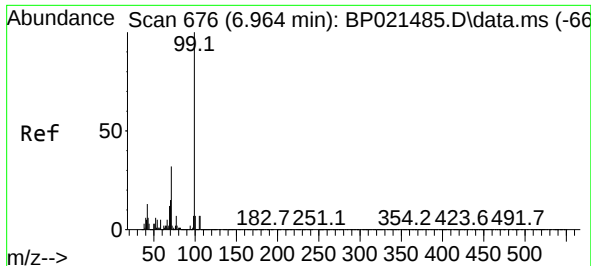
Tgt Ion:112 Resp: 2229483
Ion Ratio Lower Upper
112 100
64 55.4 49.0 73.6
63 28.1 24.6 36.8



#6
Aniline
Concen: 40.958 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion: 93 Resp: 1373319
Ion Ratio Lower Upper
93 100
66 35.9 30.2 45.2
65 17.8 14.7 22.1

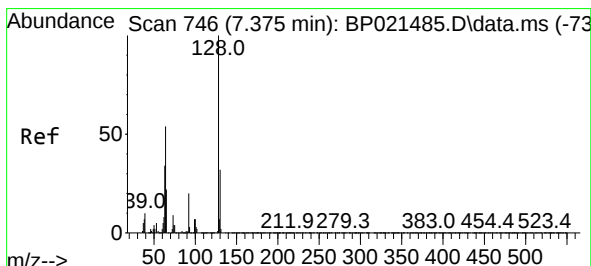
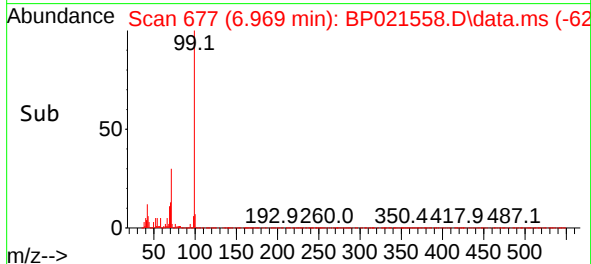
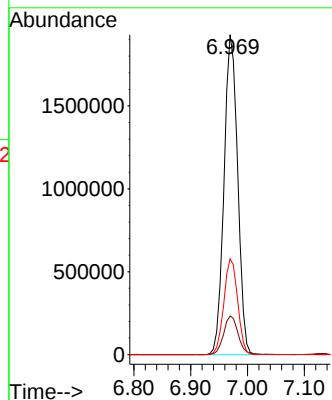
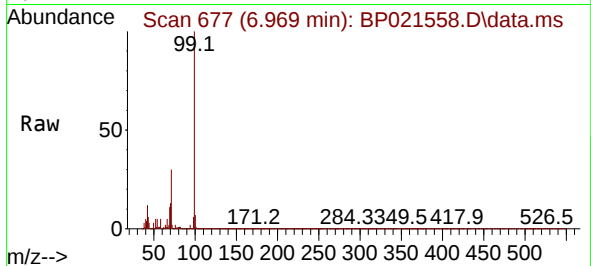




#7
Phenol-d6
Concen: 96.361 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

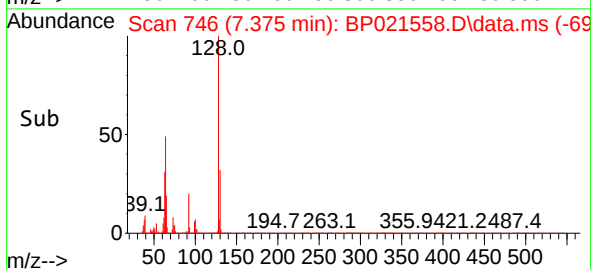
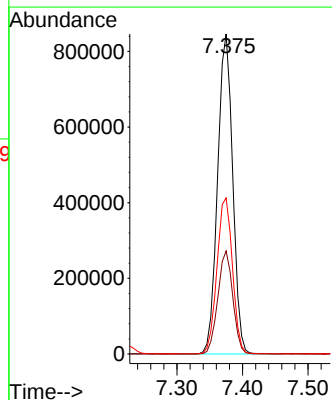
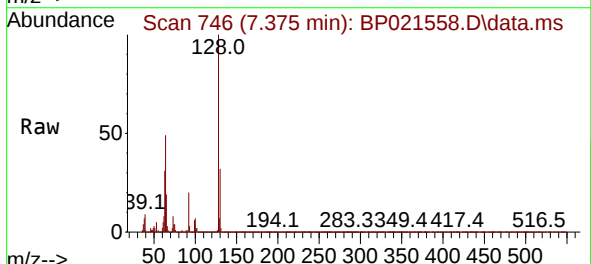
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

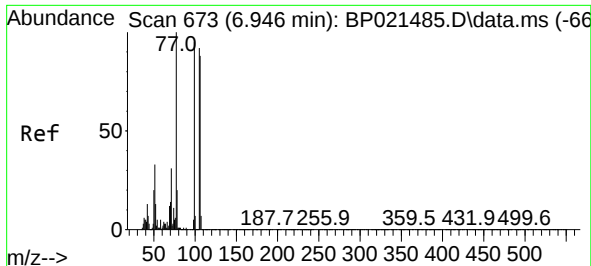
Tgt Ion: 99 Resp: 3231905
Ion Ratio Lower Upper
99 100
42 12.1 10.2 15.4
71 30.0 25.8 38.8



#8
2-Chlorophenol
Concen: 63.245 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion: 128 Resp: 1343784
Ion Ratio Lower Upper
128 100
130 32.2 11.6 51.6
64 48.7 35.3 75.3

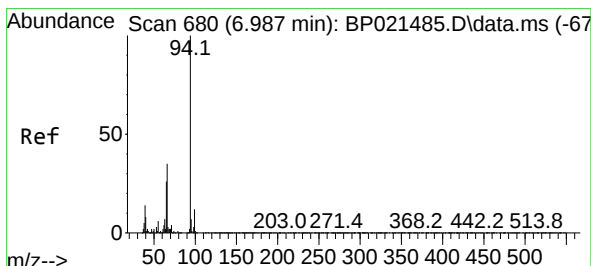
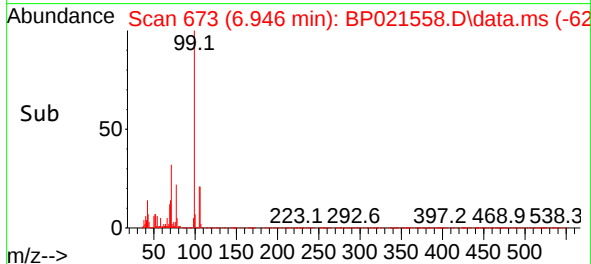
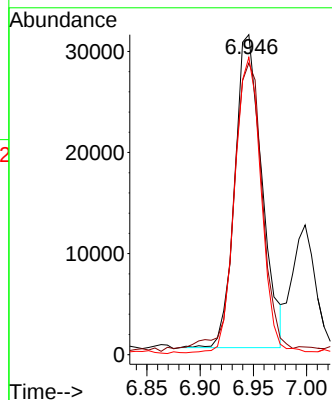
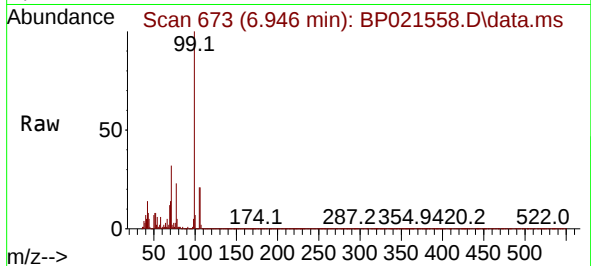




#9
Benzaldehyde
Concen: 2.546 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

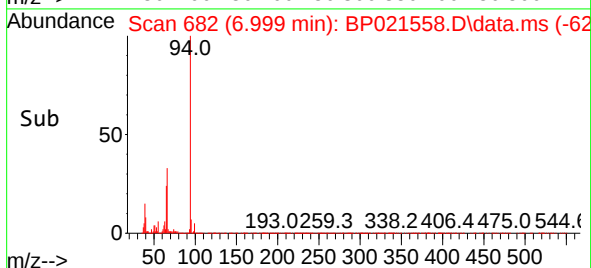
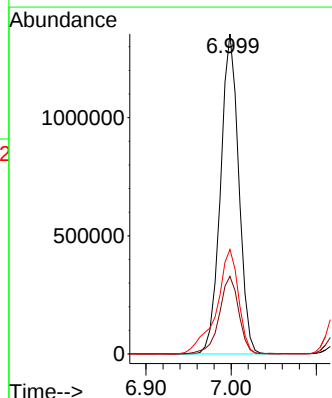
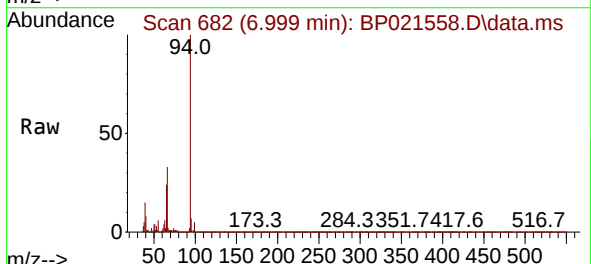
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

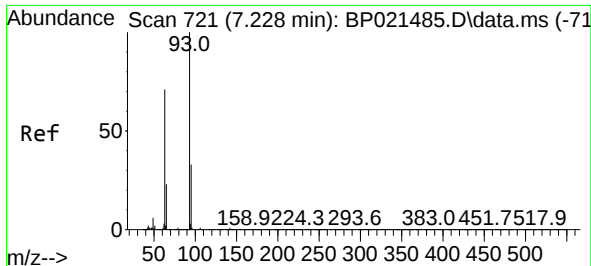
Tgt Ion: 77 Resp: 54679
Ion Ratio Lower Upper
77 100
105 91.1 72.1 112.1
106 92.9 67.9 107.9



#10
Phenol
Concen: 57.824 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion: 94 Resp: 2008298
Ion Ratio Lower Upper
94 100
65 24.3 6.5 46.5
66 32.7 14.7 54.7



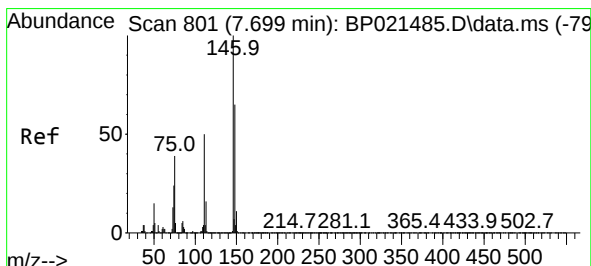
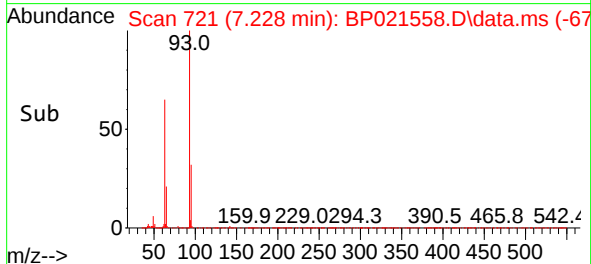
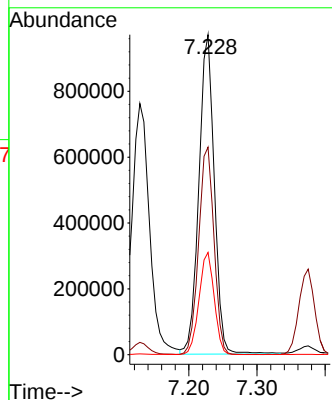
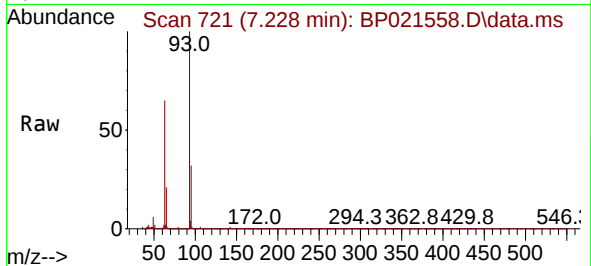


#11
bis(2-Chloroethyl)ether
Concen: 51.942 ng
RT: 7.228 min Scan# 721
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

Tgt Ion: 93 Resp: 1526489

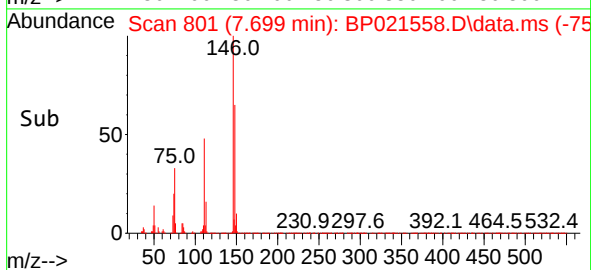
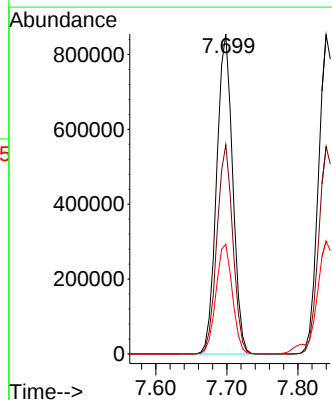
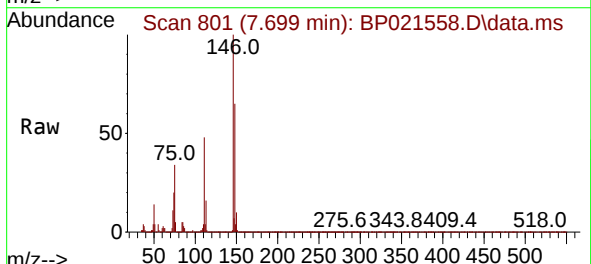
Ion	Ratio	Lower	Upper
93	100		
63	64.8	51.0	91.0
95	32.0	12.9	52.9

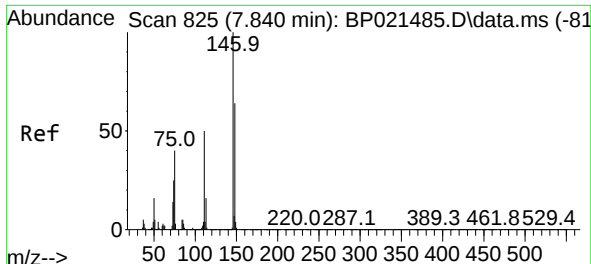


#12
1,3-Dichlorobenzene
Concen: 52.934 ng
RT: 7.699 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion: 146 Resp: 1335943

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.6
75	34.3	31.3	46.9

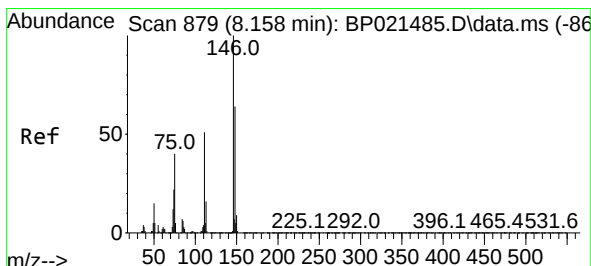
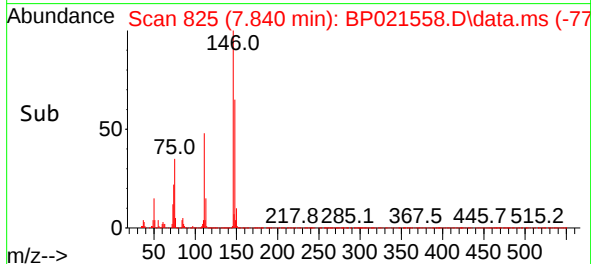
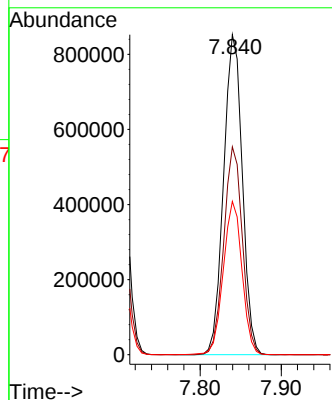
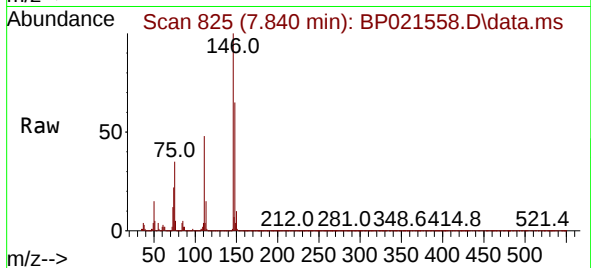




#13
1,4-Dichlorobenzene
Concen: 53.592 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

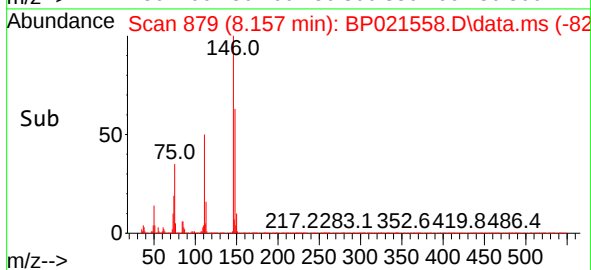
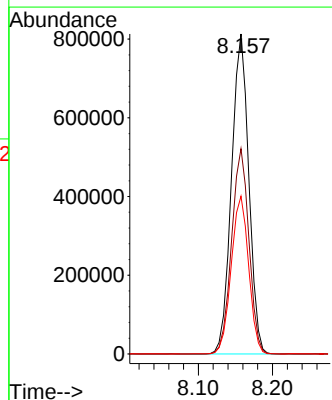
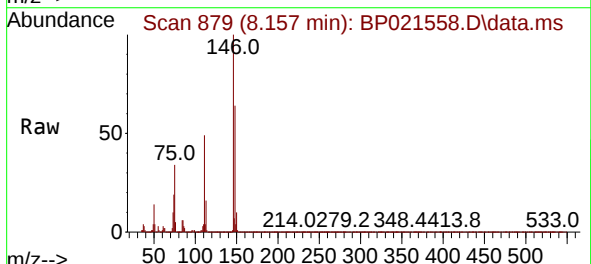
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

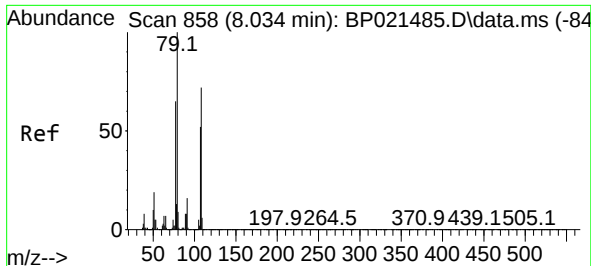
Tgt Ion:146 Resp: 1365782
Ion Ratio Lower Upper
146 100
148 65.0 51.5 77.3
111 47.9 40.3 60.5



#14
1,2-Dichlorobenzene
Concen: 53.475 ng
RT: 8.157 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:146 Resp: 1313298
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 49.3 41.1 61.7

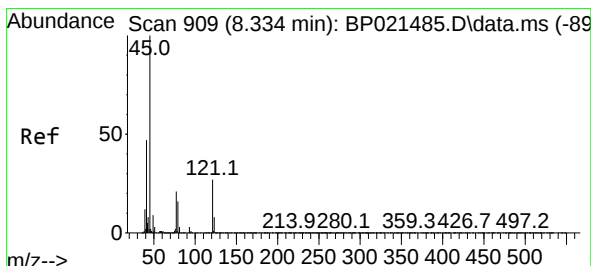
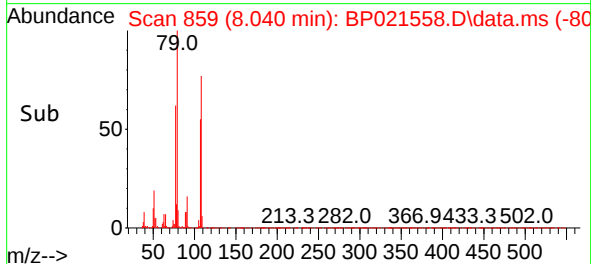
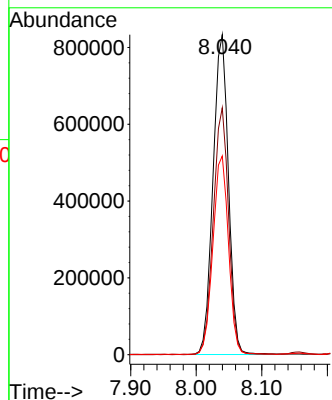
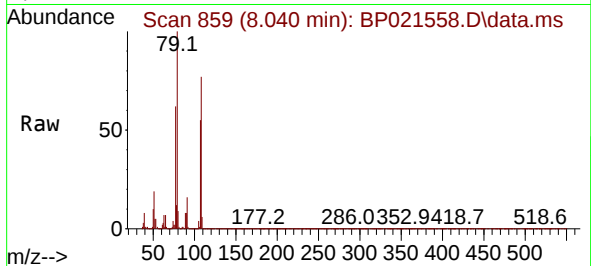




#15
Benzyl Alcohol
Concen: 56.476 ng
RT: 8.040 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

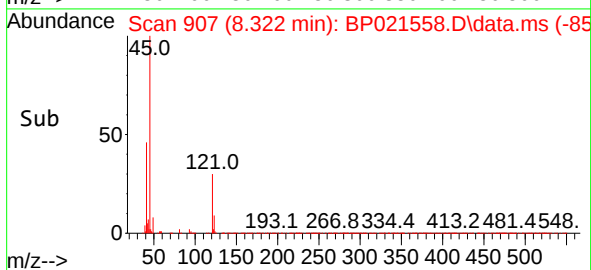
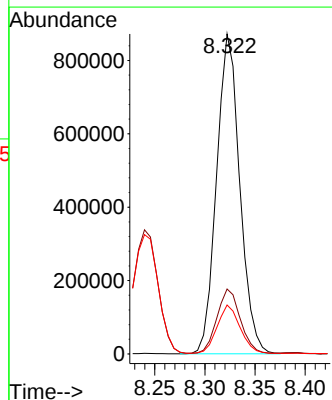
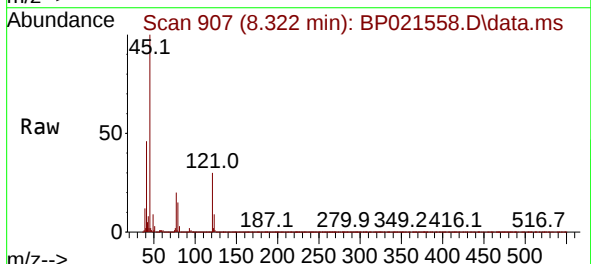
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

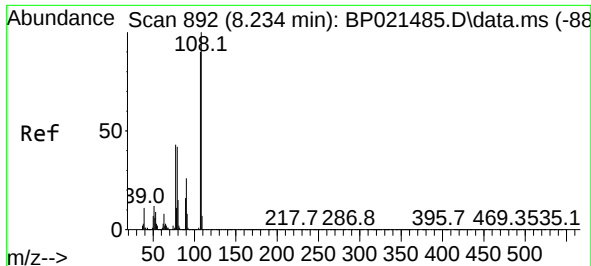
Tgt Ion: 79 Resp: 1359091
Ion Ratio Lower Upper
79 100
108 77.2 57.9 86.9
77 62.1 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.803 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion: 45 Resp: 1401981
Ion Ratio Lower Upper
45 100
77 20.3 1.9 41.9
79 15.3 0.0 36.6



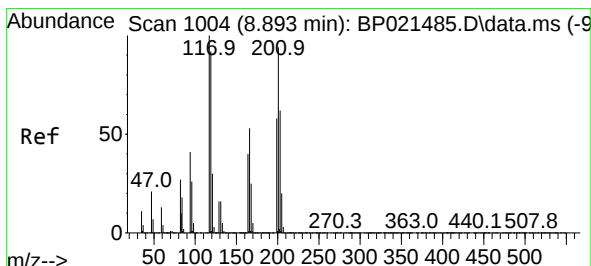
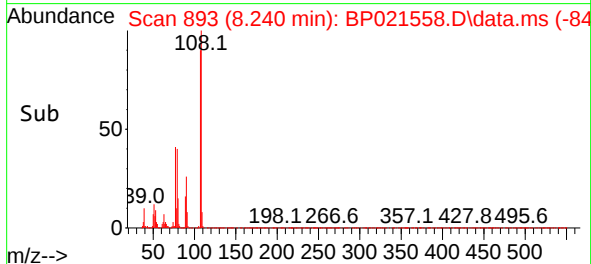
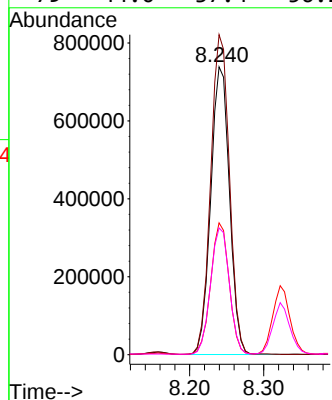
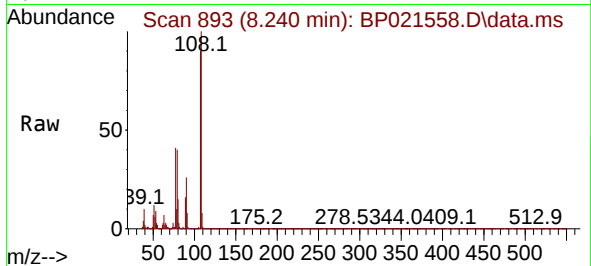


#17
2-Methylphenol
Concen: 59.024 ng
RT: 8.240 min Scan# 892
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

Tgt Ion:107 Resp: 1295979

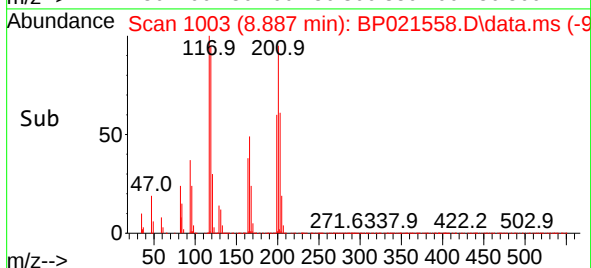
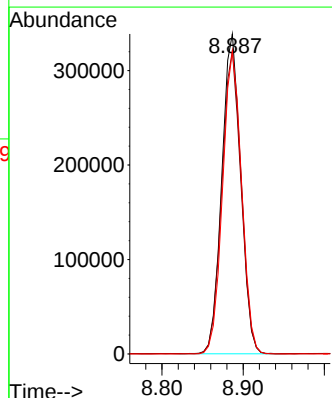
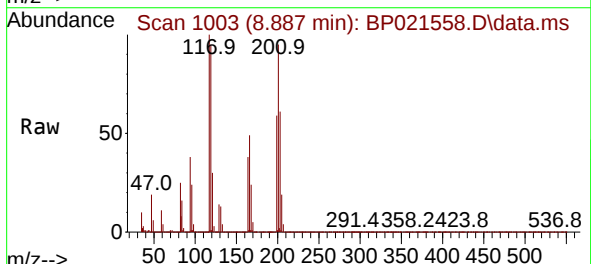
Ion	Ratio	Lower	Upper
107	100		
108	111.2	88.8	133.2
77	45.8	38.7	58.1
79	44.0	37.4	56.2

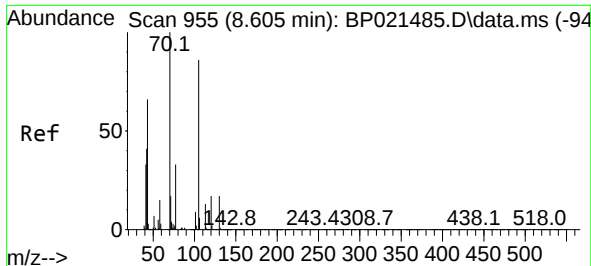


#18
Hexachloroethane
Concen: 54.113 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:117 Resp: 553001

Ion	Ratio	Lower	Upper
117	100		
119	94.8	73.9	110.9
201	94.5	74.9	112.3

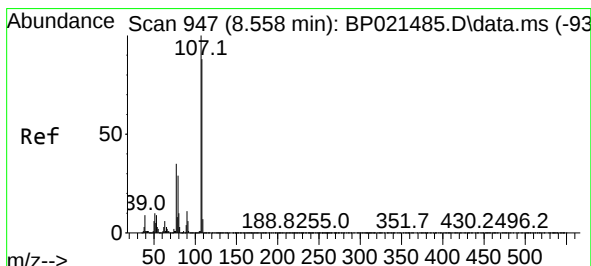
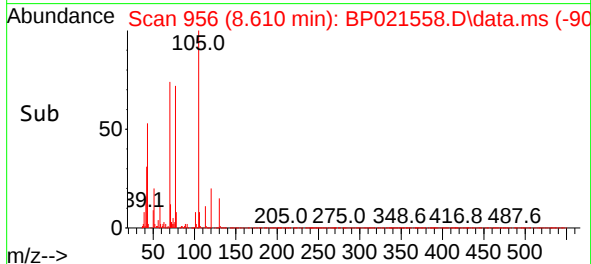
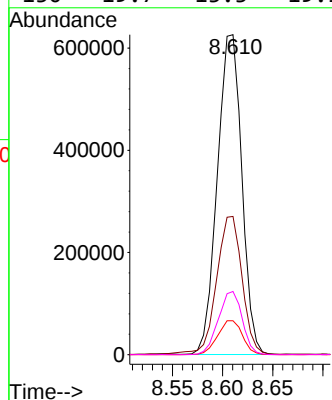
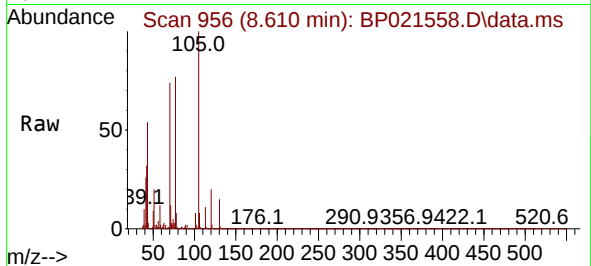




#19
n-Nitroso-di-n-propylamine
Concen: 45.855 ng
RT: 8.610 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

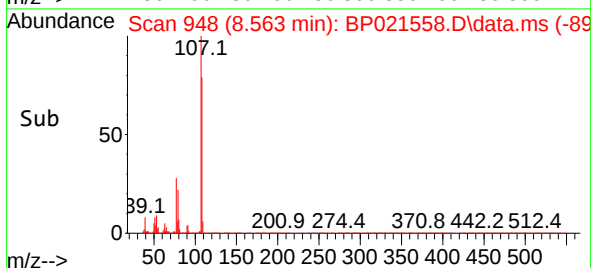
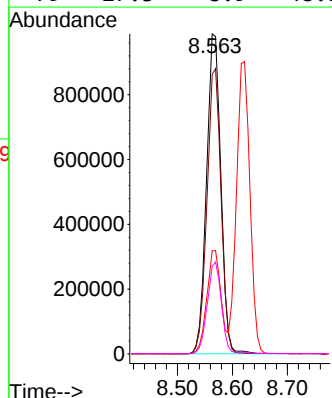
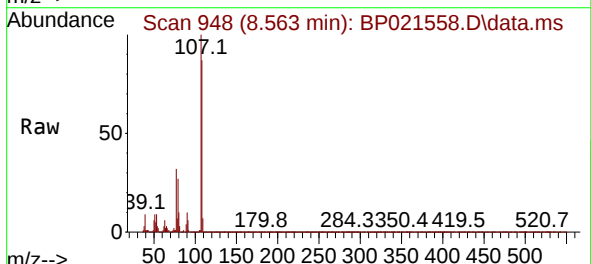
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

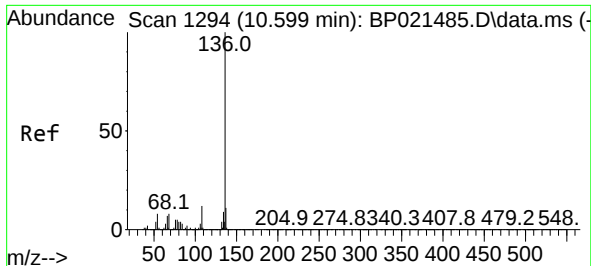
Tgt Ion: 70 Resp: 1062385
Ion Ratio Lower Upper
70 100
42 43.2 33.1 49.7
101 10.6 7.4 11.2
130 19.7 13.3 19.9



#20
3+4-Methylphenols
Concen: 60.304 ng
RT: 8.563 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion: 107 Resp: 1785354
Ion Ratio Lower Upper
107 100
108 87.4 67.6 107.6
77 32.2 15.0 55.0
79 27.3 8.9 48.9

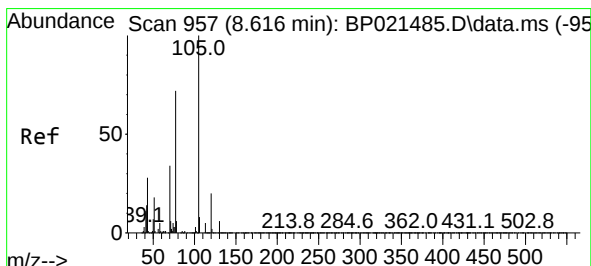
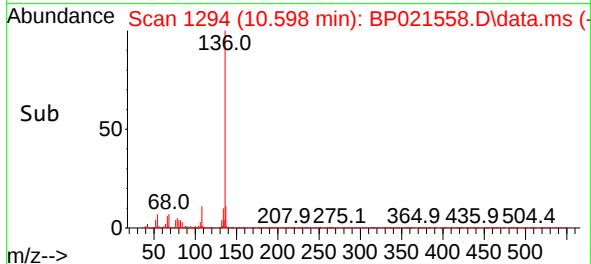
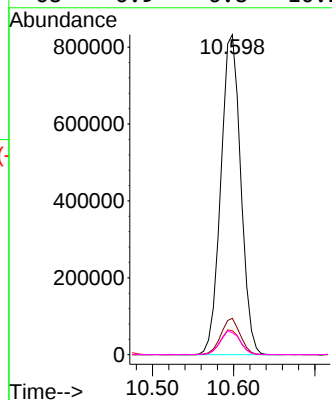
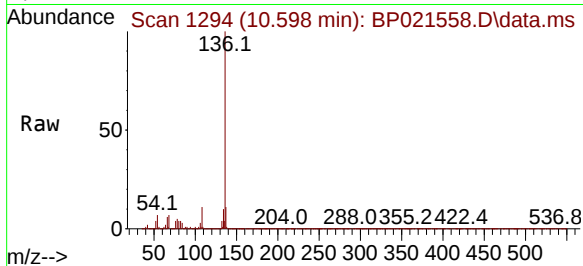




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 11
Delta R.T. -0.001 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

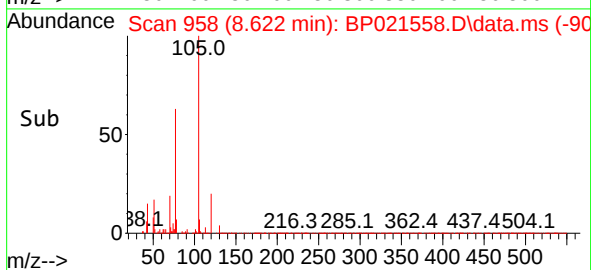
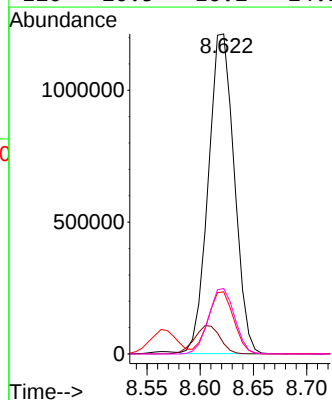
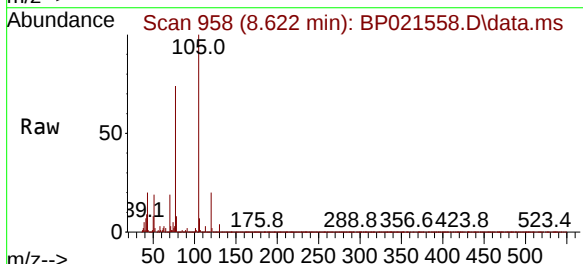
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

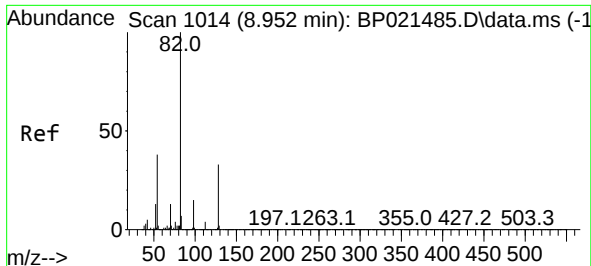
Tgt Ion:136 Resp: 1418891
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.5 6.3 9.5
68 6.9 6.8 10.2



#22
Acetophenone
Concen: 47.126 ng
RT: 8.622 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:105 Resp: 2054237
Ion Ratio Lower Upper
105 100
71 3.3 4.6 7.0#
51 19.4 16.3 24.5
120 20.5 16.2 24.2

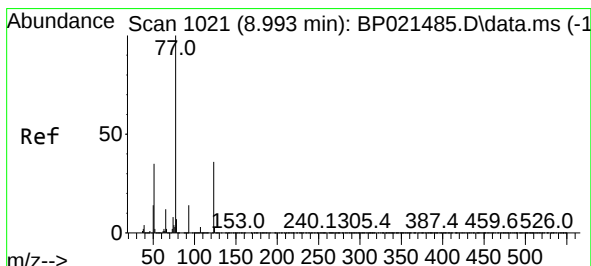
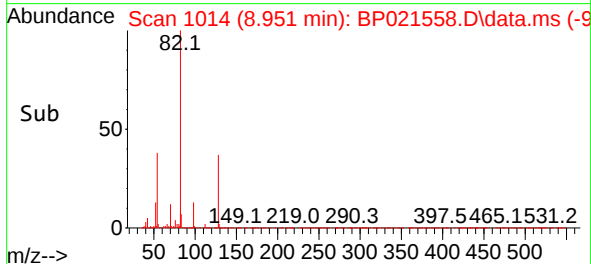
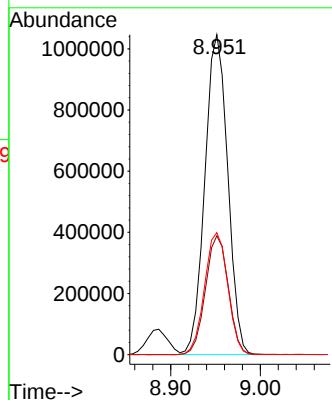
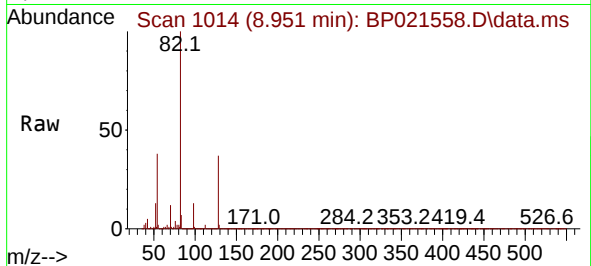




#23
Nitrobenzene-d5
Concen: 67.247 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

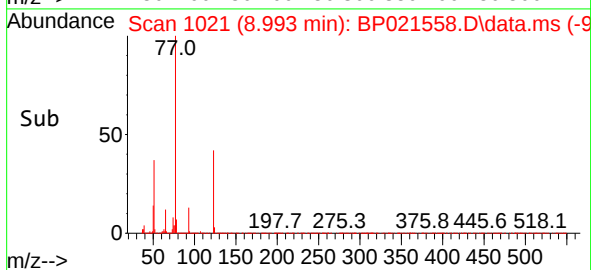
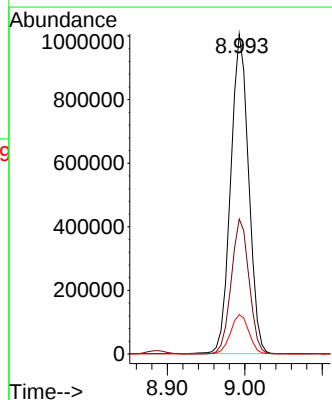
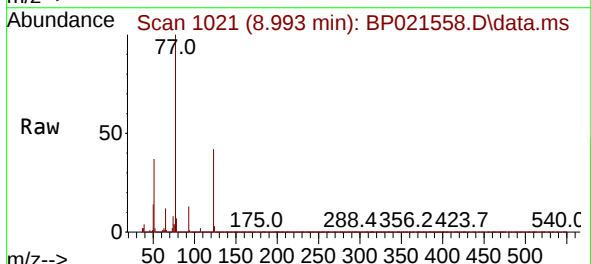
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

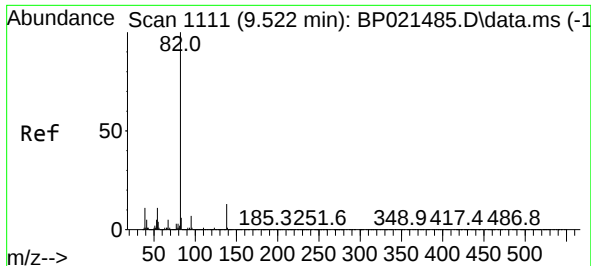
Tgt Ion: 82 Resp: 1848624
Ion Ratio Lower Upper
82 100
128 37.2 26.5 39.7
54 38.1 30.3 45.5



#24
Nitrobenzene
Concen: 54.236 ng
RT: 8.993 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion: 77 Resp: 1619309
Ion Ratio Lower Upper
77 100
123 42.2 29.5 44.3
65 12.3 9.9 14.9

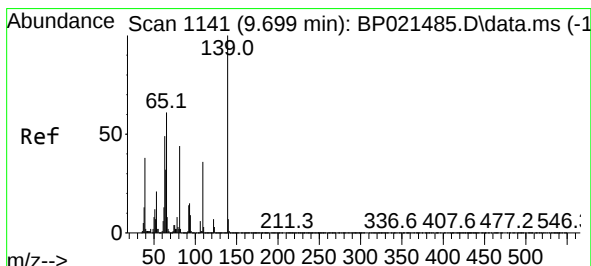
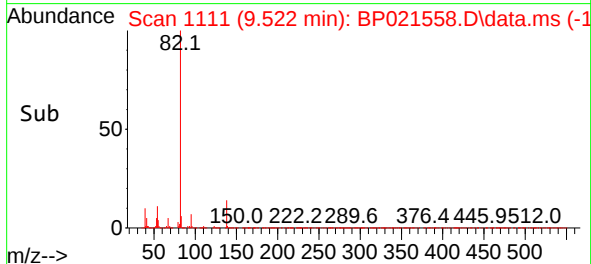
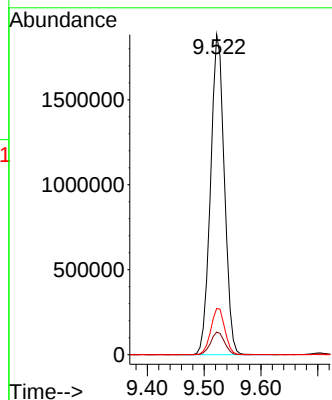
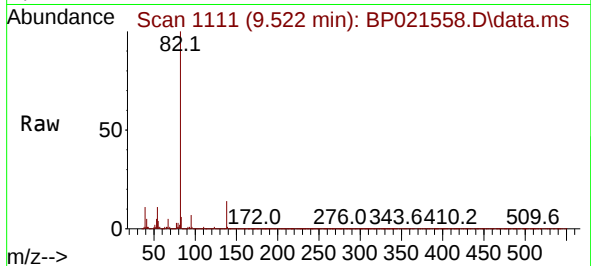




#25
Isophorone
Concen: 48.654 ng
RT: 9.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

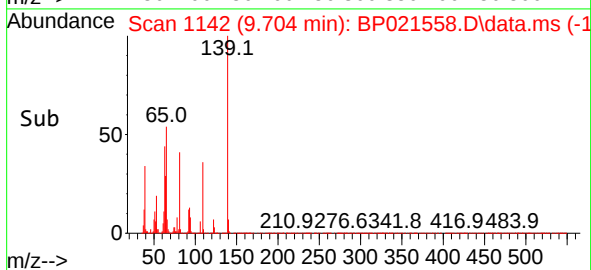
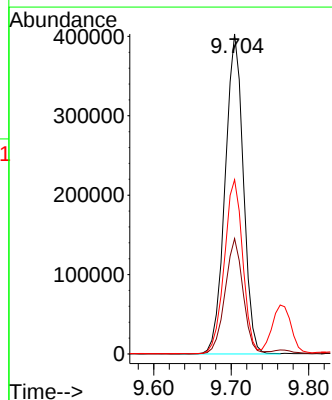
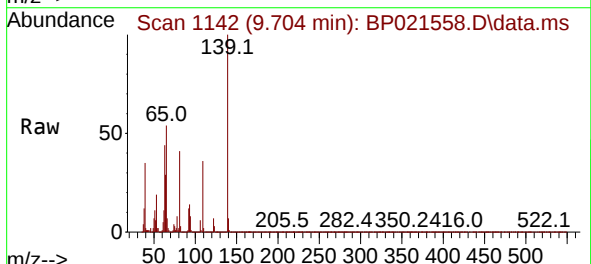
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

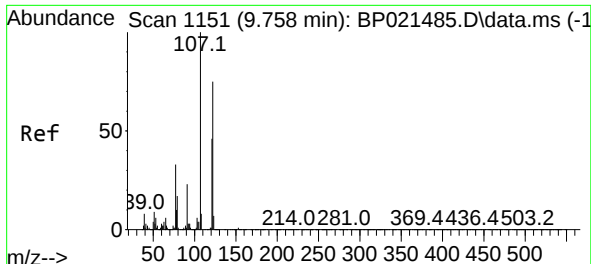
Tgt Ion: 82 Resp: 3159768
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 14.5 10.6 16.0



#26
2-Nitrophenol
Concen: 70.168 ng
RT: 9.704 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion: 139 Resp: 658225
Ion Ratio Lower Upper
139 100
109 36.1 28.9 43.3
65 54.5 49.0 73.6





#27

2,4-Dimethylphenol

Concen: 63.468 ng

RT: 9.763 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

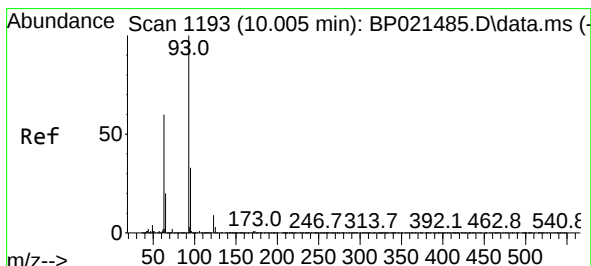
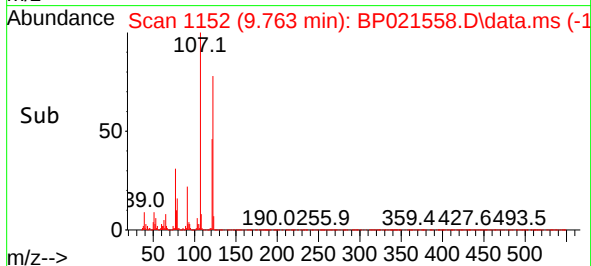
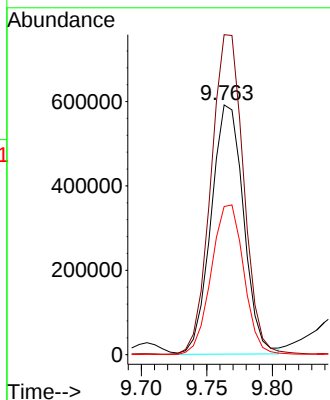
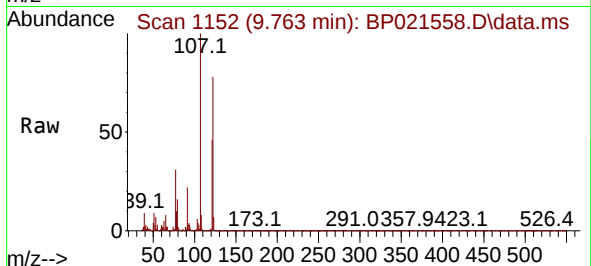
Tgt Ion:122 Resp: 1017210

Ion Ratio Lower Upper

122 100

107 128.2 106.2 159.4

121 59.3 48.8 73.2



#28

bis(2-Chloroethoxy)methane

Concen: 50.573 ng

RT: 9.998 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

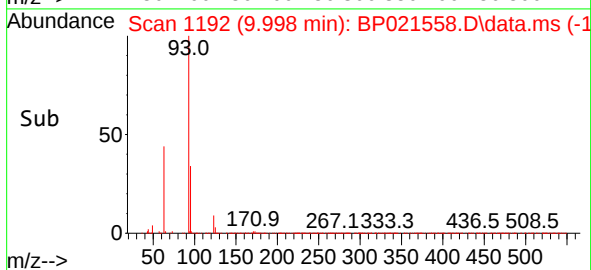
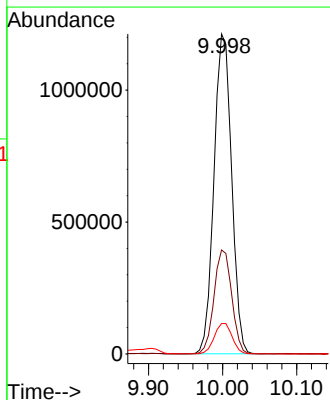
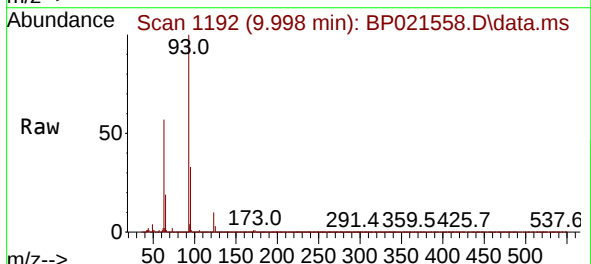
Tgt Ion: 93 Resp: 2004819

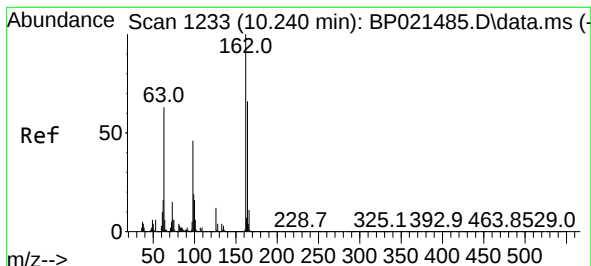
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

123 9.5 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 66.337 ng

RT: 10.240 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

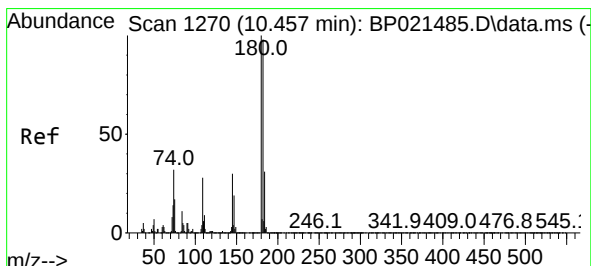
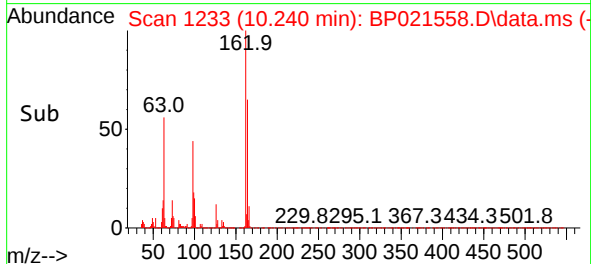
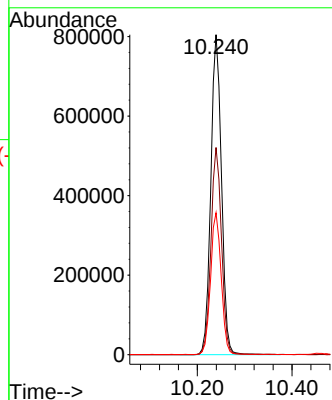
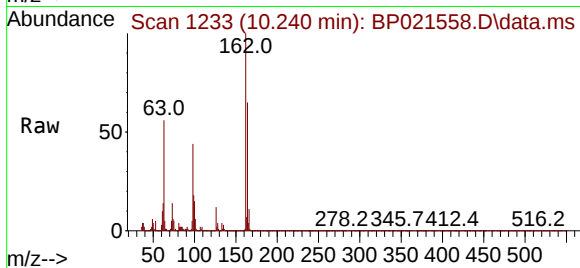
Tgt Ion:162 Resp: 1256195

Ion Ratio Lower Upper

162 100

164 64.8 45.9 85.9

98 44.4 26.3 66.3



#30

1,2,4-Trichlorobenzene

Concen: 53.522 ng

RT: 10.457 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

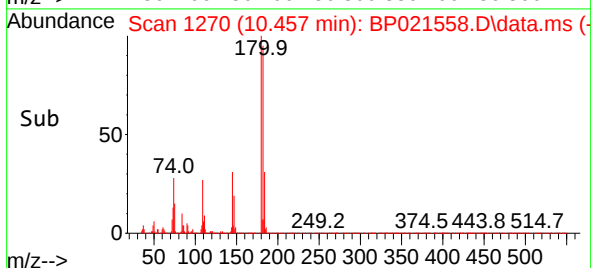
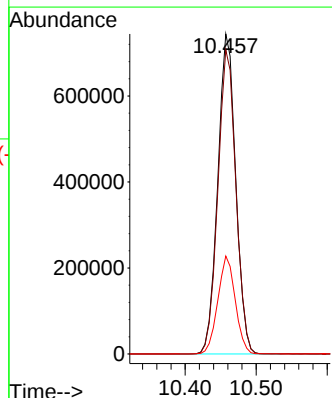
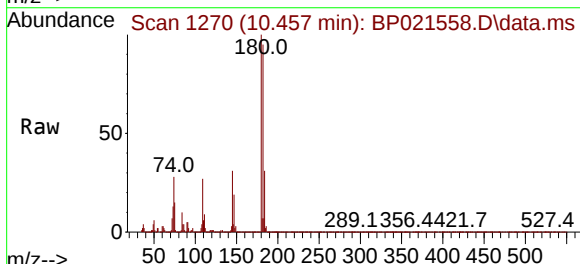
Tgt Ion:180 Resp: 1299402

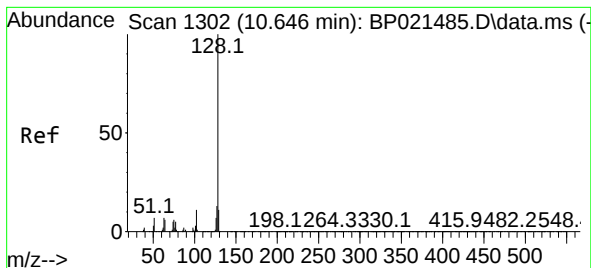
Ion Ratio Lower Upper

180 100

182 95.0 78.3 117.5

145 30.6 24.0 36.0

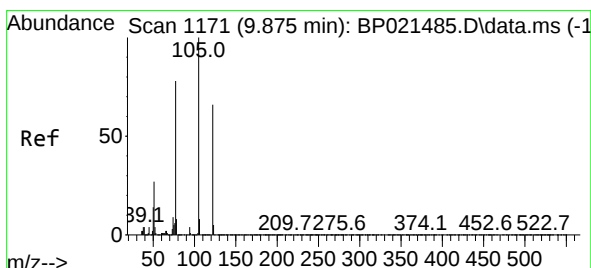
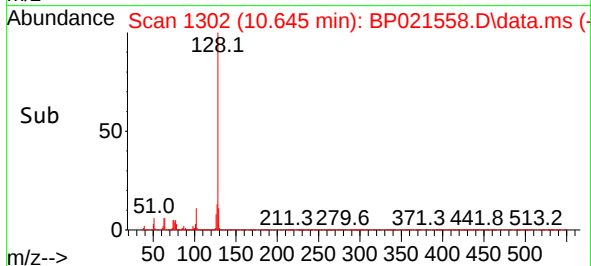
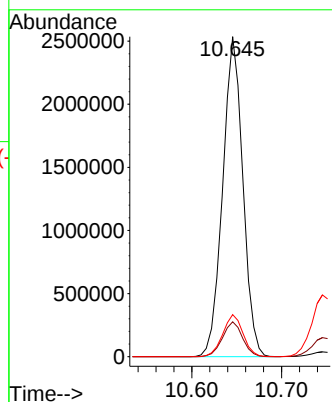
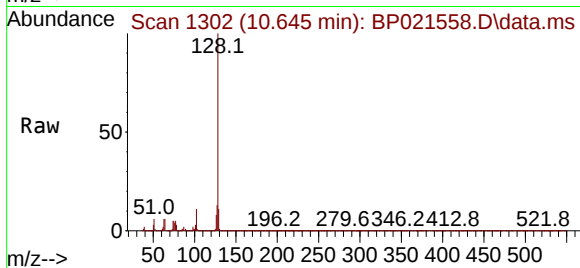




#31
Naphthalene
Concen: 53.337 ng
RT: 10.645 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

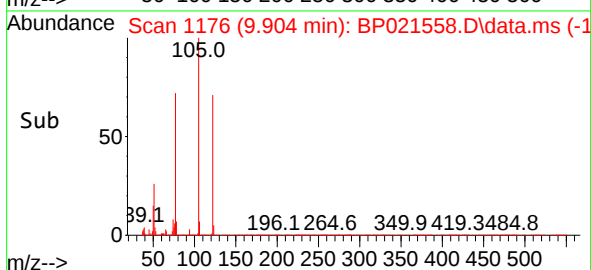
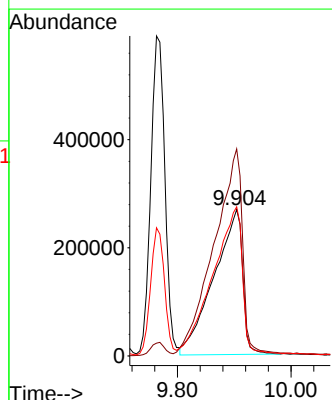
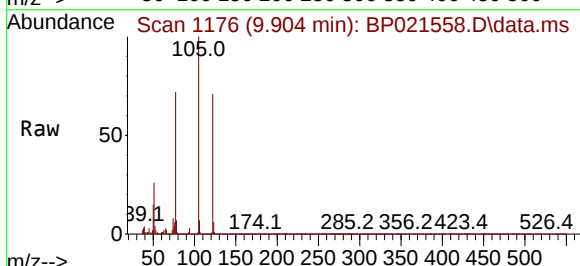
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

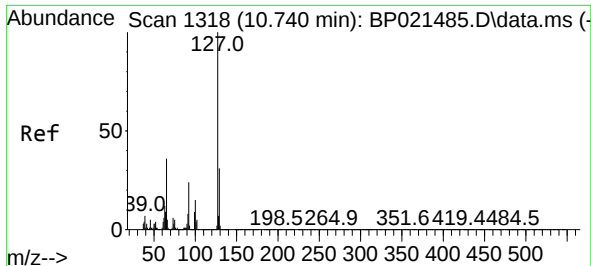
Tgt Ion:128 Resp: 3953536
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 73.293 ng
RT: 9.904 min Scan# 1176
Delta R.T. 0.029 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:122 Resp: 937018
Ion Ratio Lower Upper
122 100
105 141.4 124.6 164.6
77 101.8 96.2 136.2

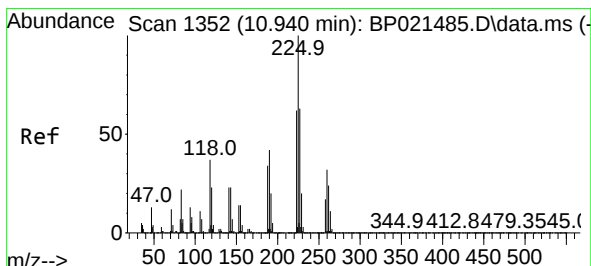
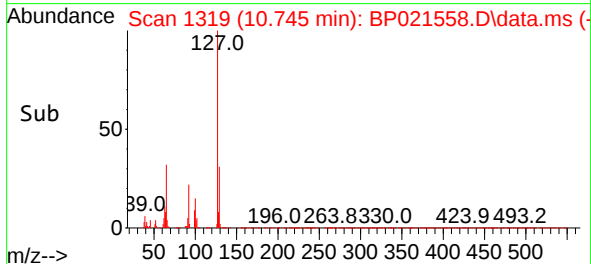
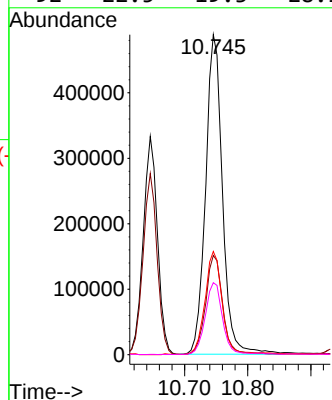
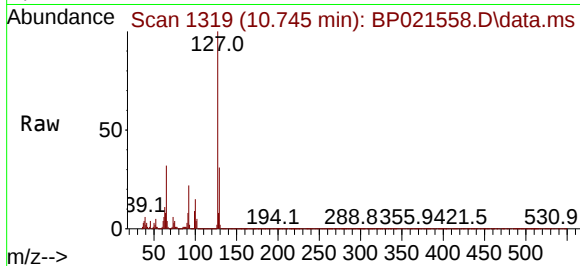




#33
4-Chloroaniline
Concen: 32.625 ng
RT: 10.745 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

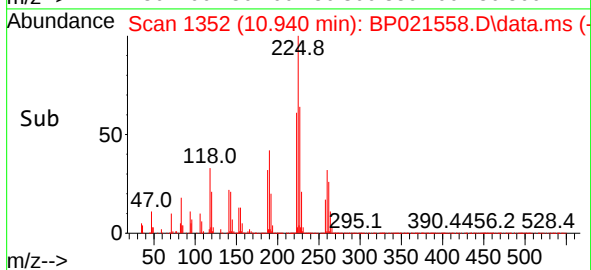
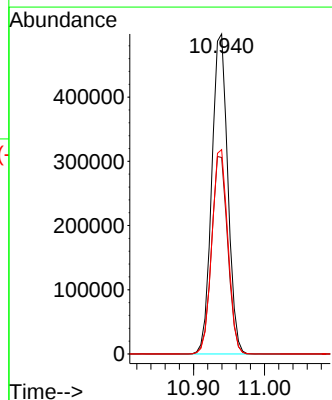
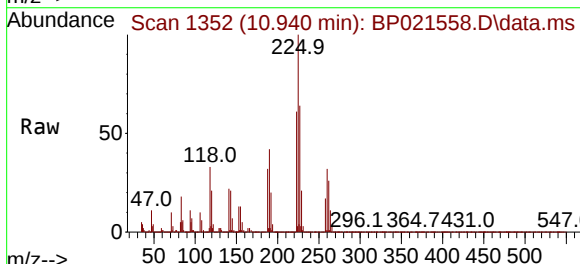
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

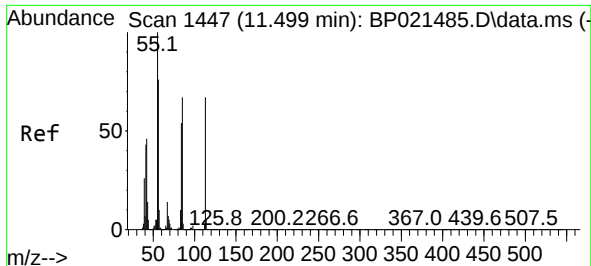
Tgt Ion:	127	Resp:	908377
Ion	Ratio	Lower	Upper
127	100		
129	31.0	24.5	36.7
65	32.3	28.9	43.3
92	22.5	19.3	28.9



#34
Hexachlorobutadiene
Concen: 50.911 ng
RT: 10.940 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:	225	Resp:	778243
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.6	74.4
227	63.9	50.1	75.1

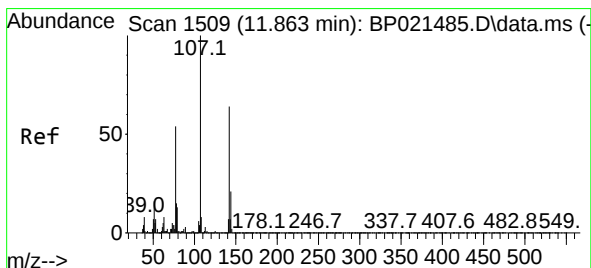
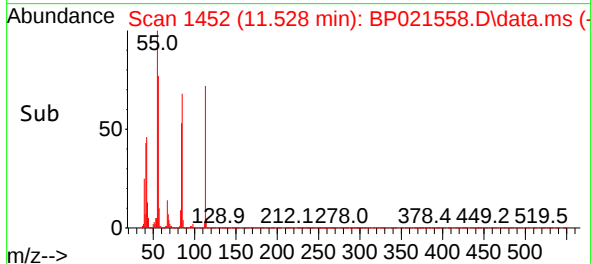
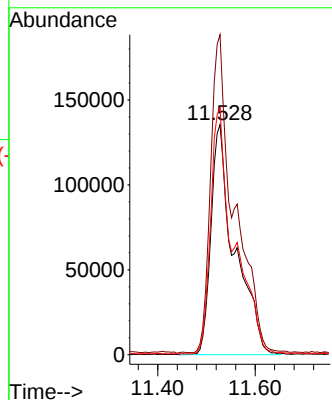
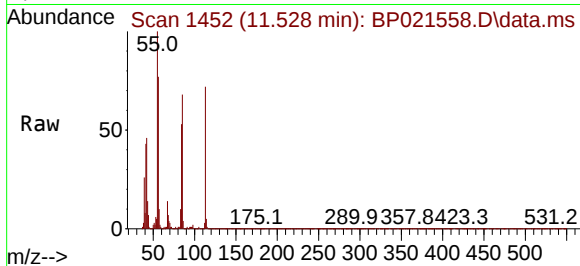




#35
Caprolactam
Concen: 57.535 ng
RT: 11.528 min Scan# 1447
Delta R.T. 0.029 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

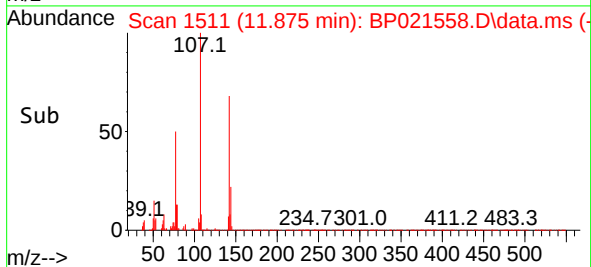
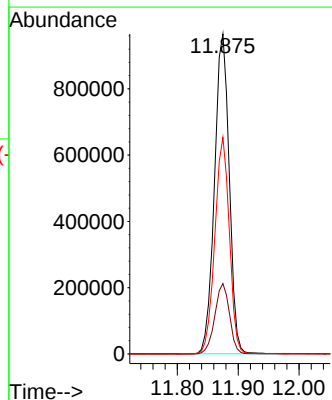
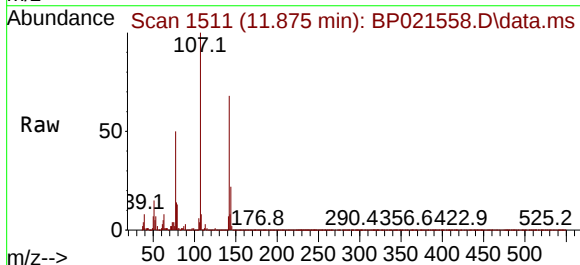
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

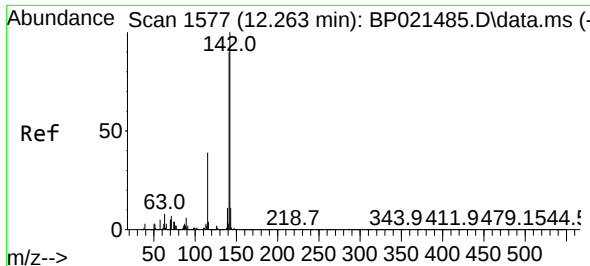
Tgt Ion:113 Resp: 453497
Ion Ratio Lower Upper
113 100
55 139.0 130.6 170.6
56 107.3 94.6 134.6



#36
4-Chloro-3-methylphenol
Concen: 61.777 ng
RT: 11.875 min Scan# 1511
Delta R.T. 0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:107 Resp: 1622780
Ion Ratio Lower Upper
107 100
144 22.0 16.6 24.8
142 67.7 51.0 76.4

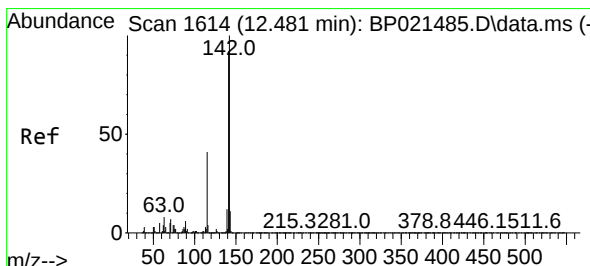
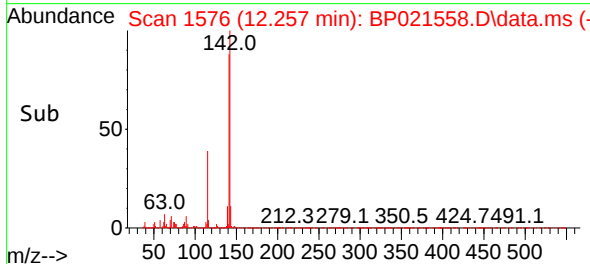
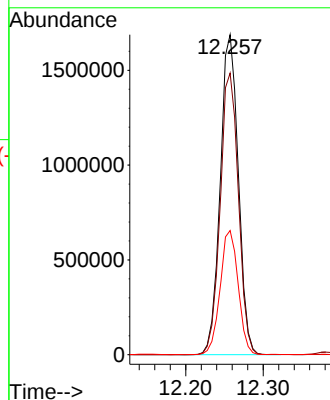
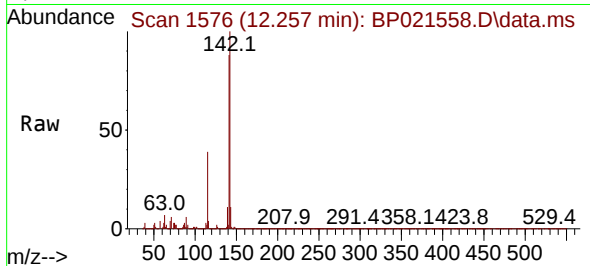




#37
2-Methylnaphthalene
Concen: 53.959 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

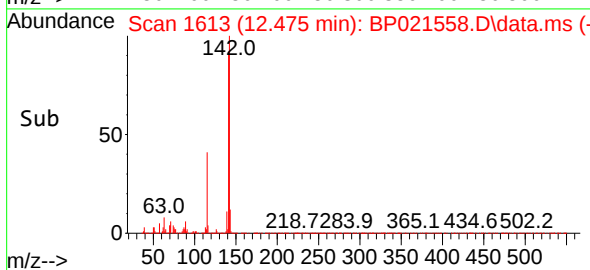
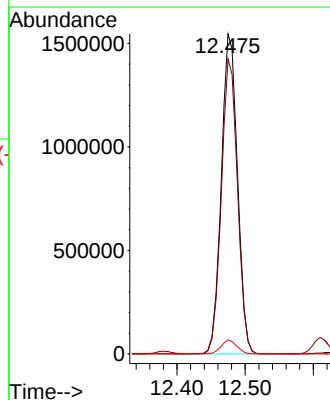
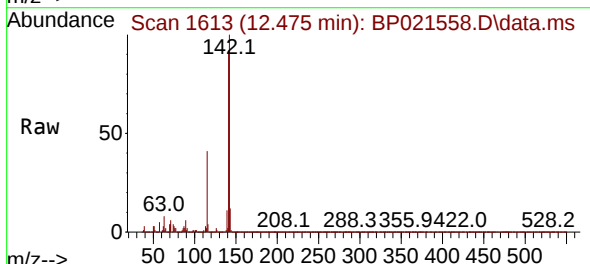
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

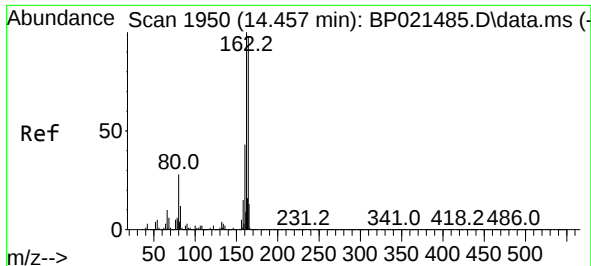
Tgt Ion:142 Resp: 2729740
Ion Ratio Lower Upper
142 100
141 88.0 71.7 107.5
115 38.8 31.4 47.2



#38
1-Methylnaphthalene
Concen: 51.133 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:142 Resp: 2551226
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3
116 4.4 3.4 5.2

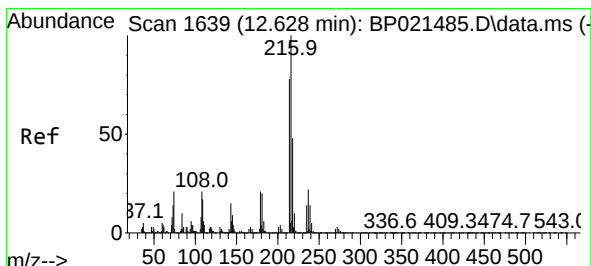
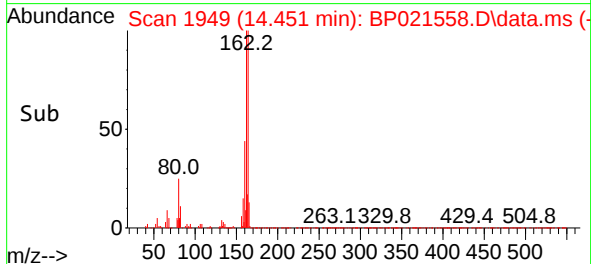
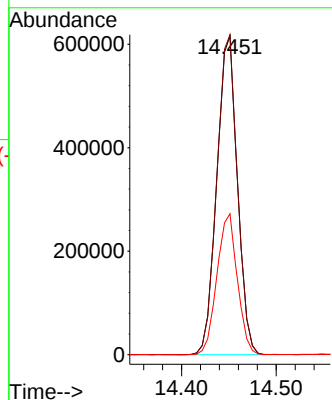
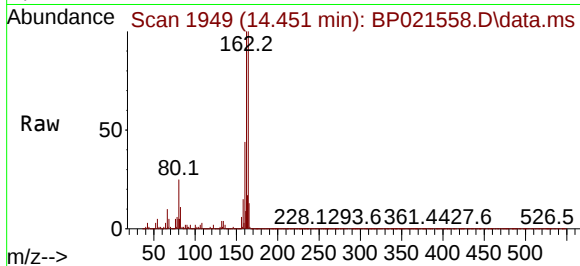




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

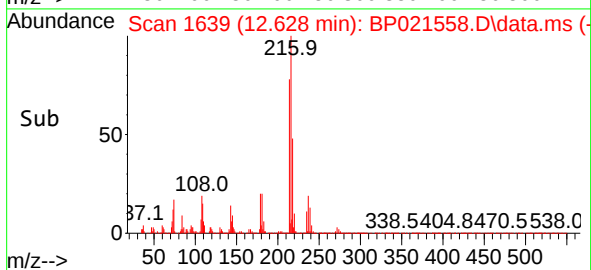
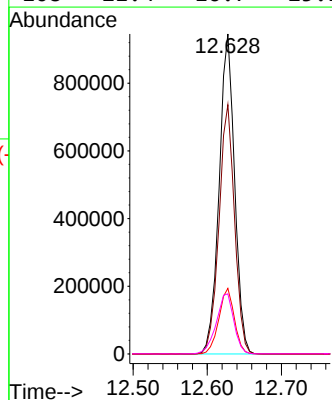
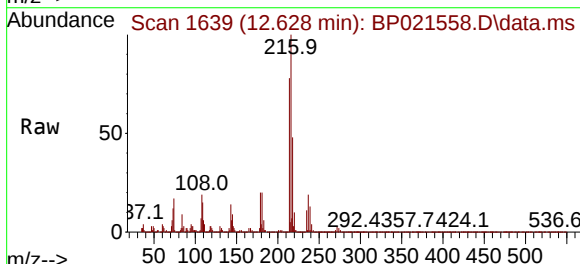
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

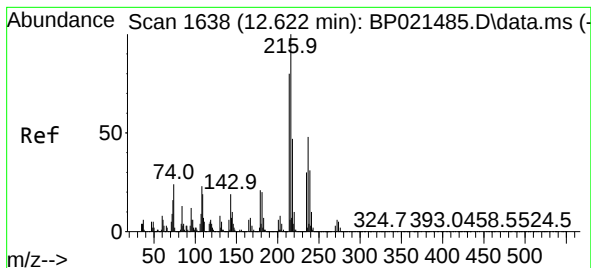
Tgt Ion:164 Resp: 927420
Ion Ratio Lower Upper
164 100
162 100.4 81.5 122.3
160 44.2 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.440 ng
RT: 12.628 min Scan# 1639
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:216 Resp: 1370642
Ion Ratio Lower Upper
216 100
214 78.4 62.5 93.7
179 20.6 16.4 24.6
108 21.4 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 119.906 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

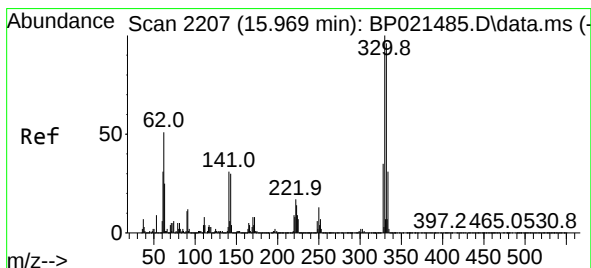
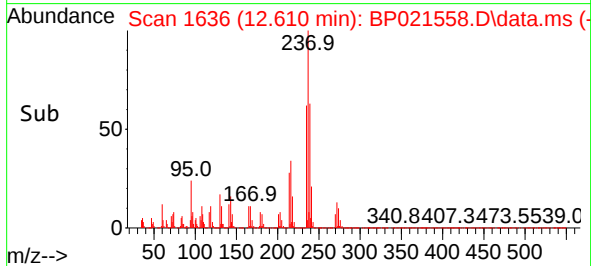
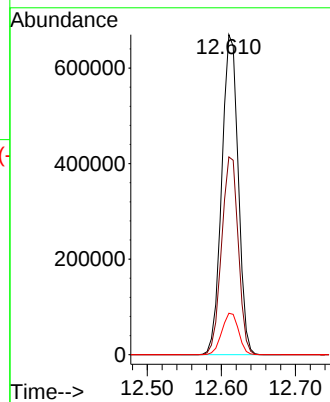
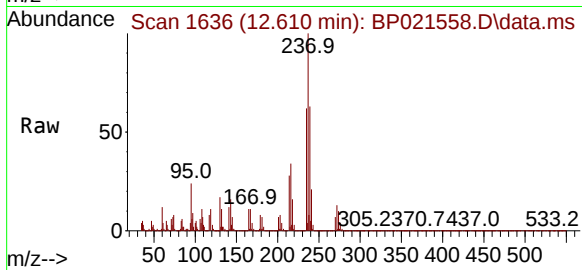
Tgt Ion:237 Resp: 1032666

Ion Ratio Lower Upper

237 100

235 61.8 43.9 83.9

272 12.9 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 102.282 ng

RT: 15.957 min Scan# 2205

Delta R.T. -0.012 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

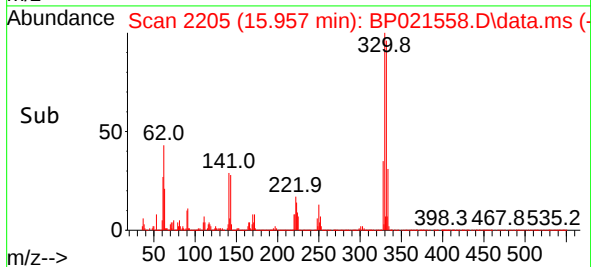
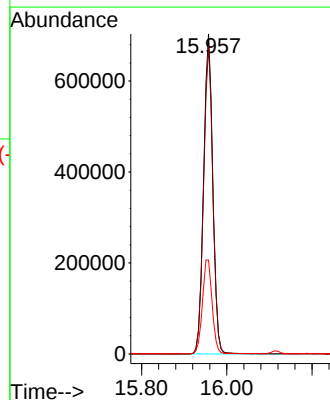
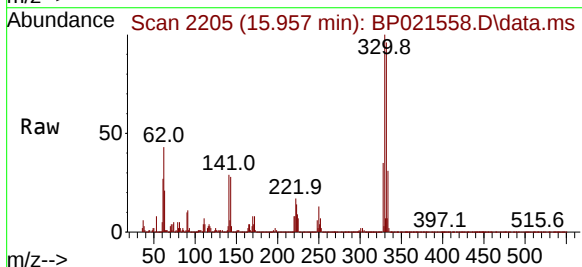
Tgt Ion:330 Resp: 1055737

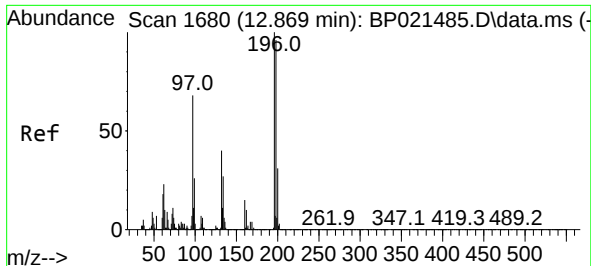
Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 31.0 24.5 36.7

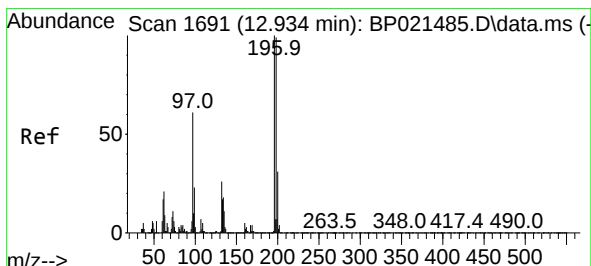
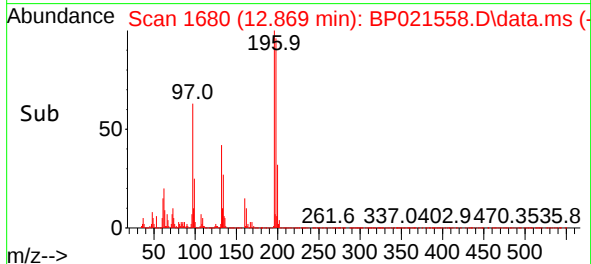
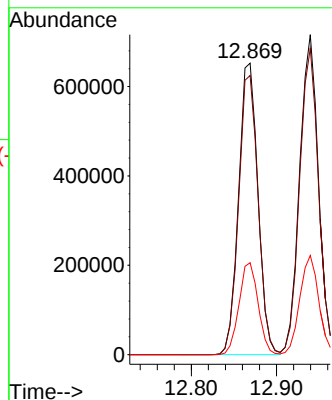
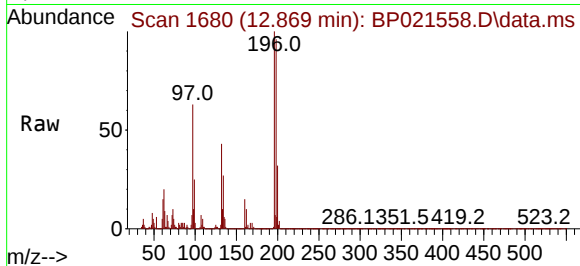




#43
2,4,6-Trichlorophenol
Concen: 68.201 ng
RT: 12.869 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

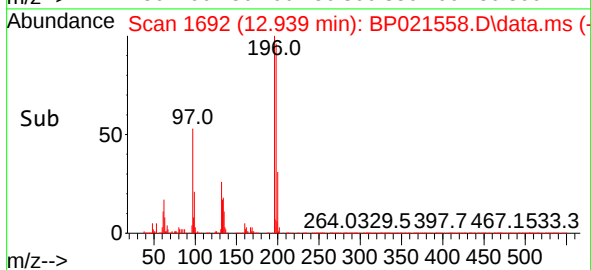
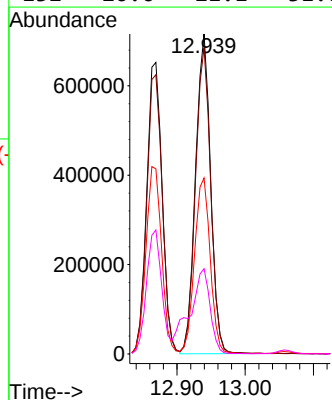
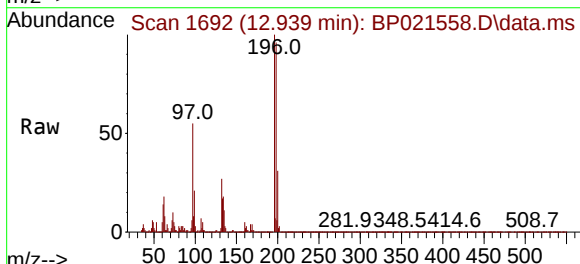
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

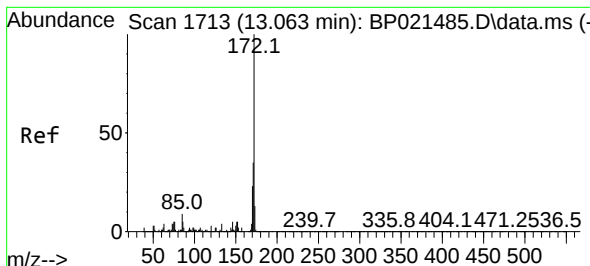
Tgt Ion:196 Resp: 1029467
Ion Ratio Lower Upper
196 100
198 95.7 76.6 114.8
200 31.6 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 65.705 ng
RT: 12.939 min Scan# 1692
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:196 Resp: 1101921
Ion Ratio Lower Upper
196 100
198 95.7 78.9 118.3
97 55.0 49.4 74.0
132 26.6 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 46.448 ng

RT: 13.057 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

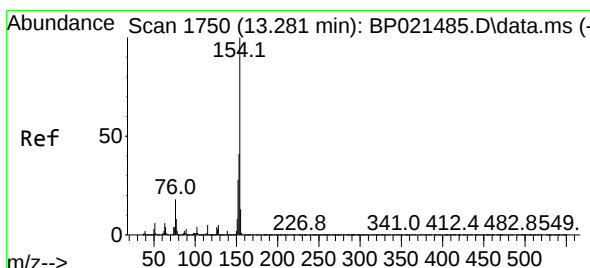
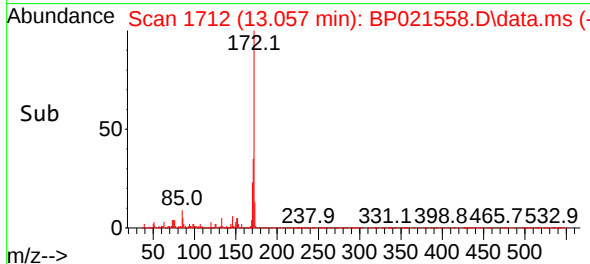
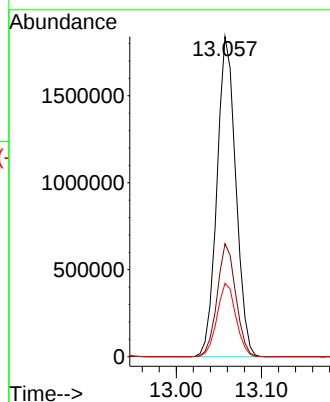
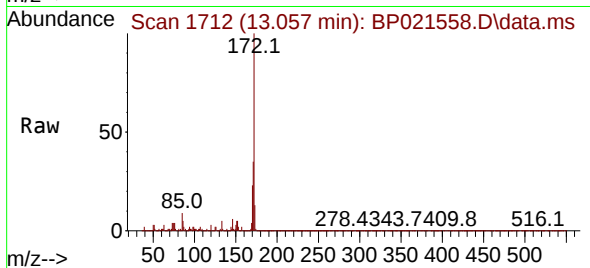
Tgt Ion:172 Resp: 2822547

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 22.9 18.4 27.6



#46

1,1'-Biphenyl

Concen: 49.512 ng

RT: 13.275 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

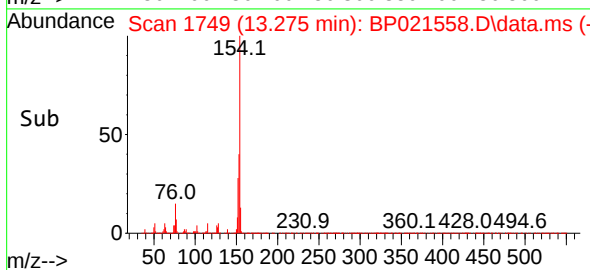
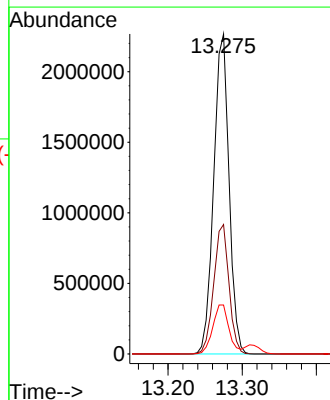
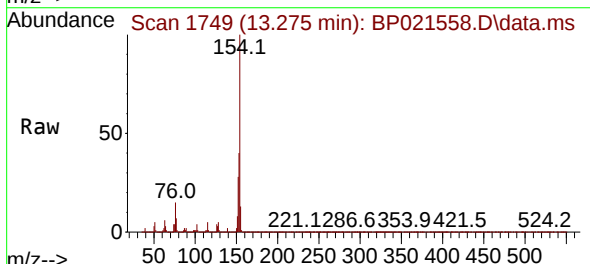
Tgt Ion:154 Resp: 3248756

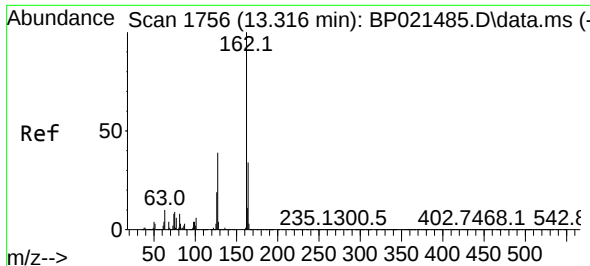
Ion Ratio Lower Upper

154 100

153 40.4 20.7 60.7

76 15.3 0.0 37.7

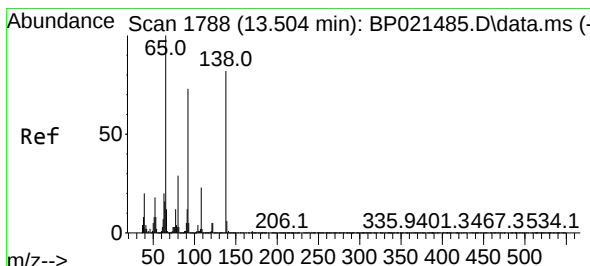
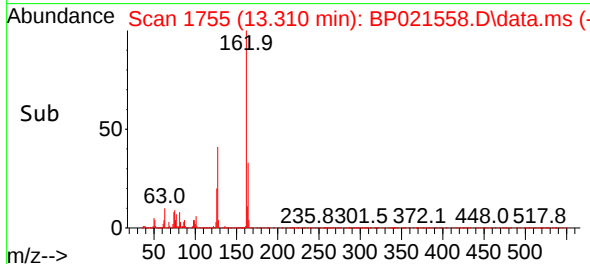
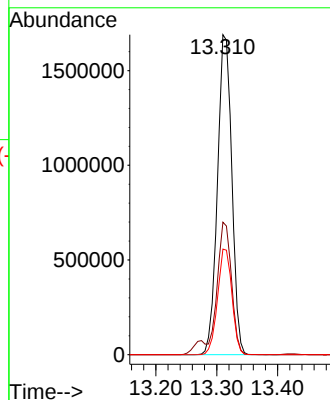
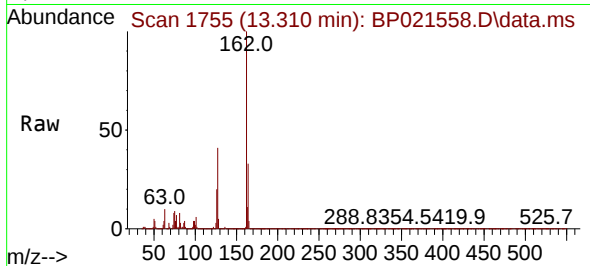




#47
2-Chloronaphthalene
Concen: 54.001 ng
RT: 13.310 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

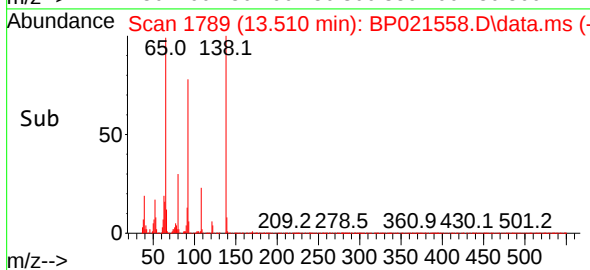
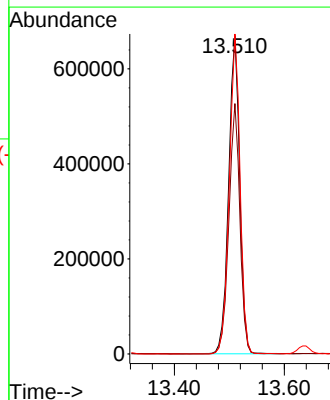
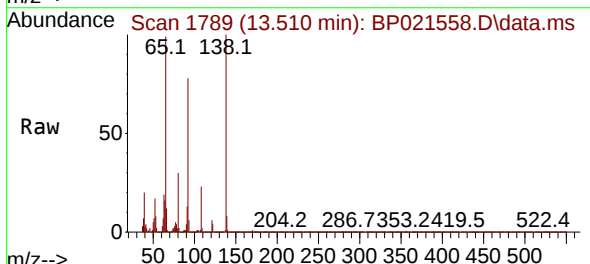
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

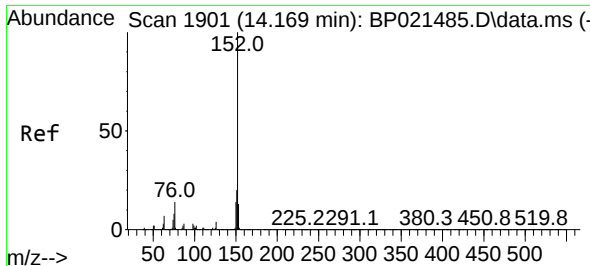
Tgt Ion:162 Resp: 2758596
Ion Ratio Lower Upper
162 100
127 41.4 31.9 47.9
164 33.0 26.8 40.2



#48
2-Nitroaniline
Concen: 63.597 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion: 65 Resp: 937369
Ion Ratio Lower Upper
65 100
92 78.6 58.1 87.1
138 100.5 65.5 98.3#

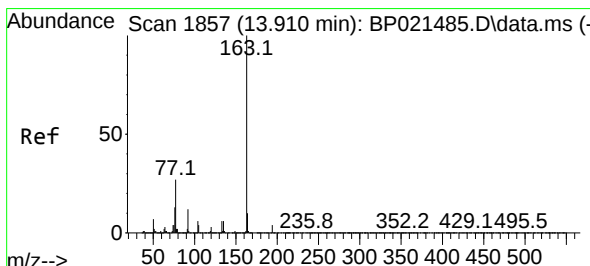
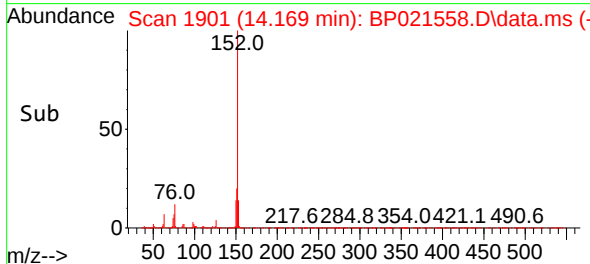
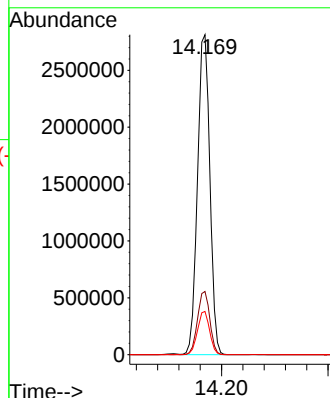
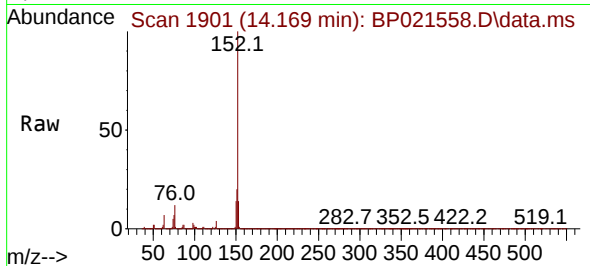




#49
Acenaphthylene
Concen: 60.192 ng
RT: 14.169 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

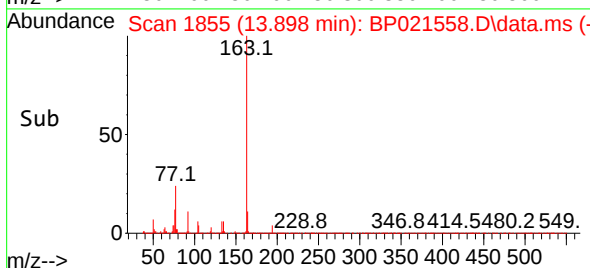
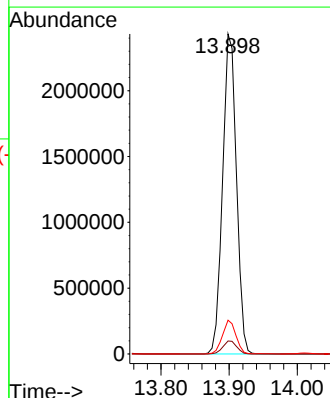
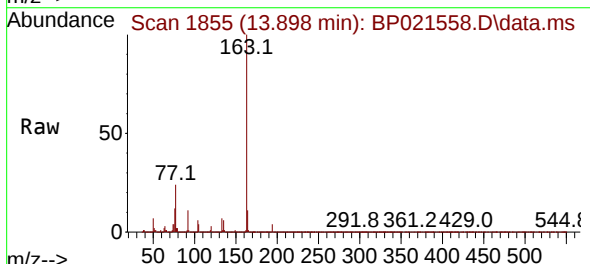
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

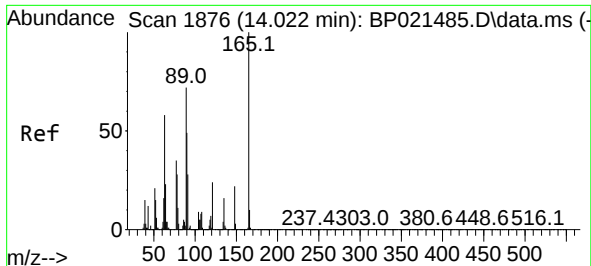
Tgt Ion:152 Resp: 4520215
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.5 10.6 16.0



#50
Dimethylphthalate
Concen: 55.215 ng
RT: 13.898 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:163 Resp: 3429273
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.5 8.3 12.5

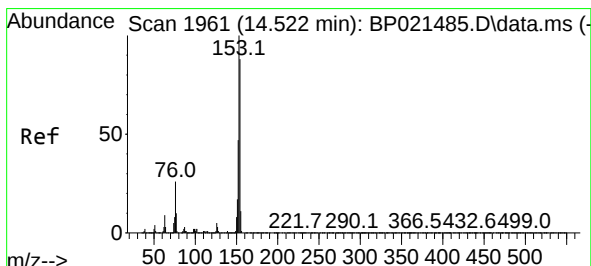
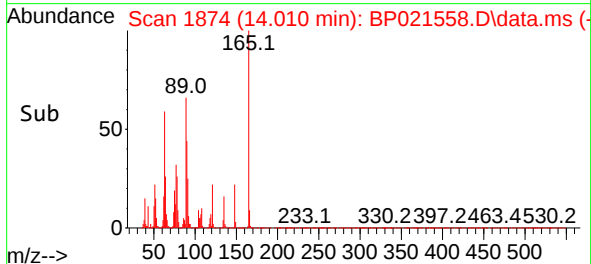
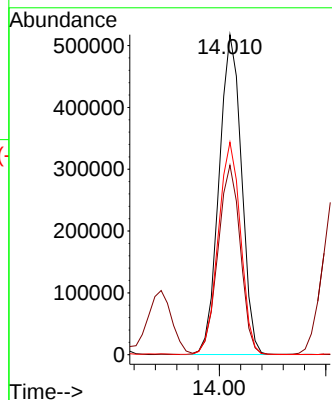
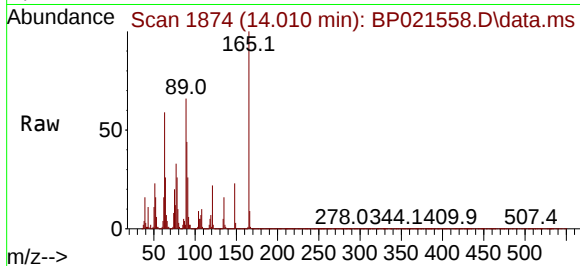




#51
2,6-Dinitrotoluene
Concen: 59.297 ng
RT: 14.010 min Scan# 1876
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

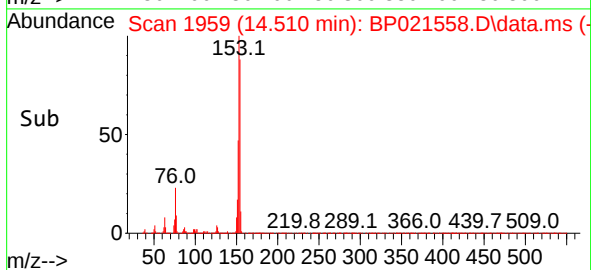
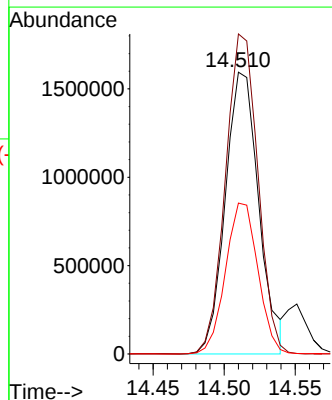
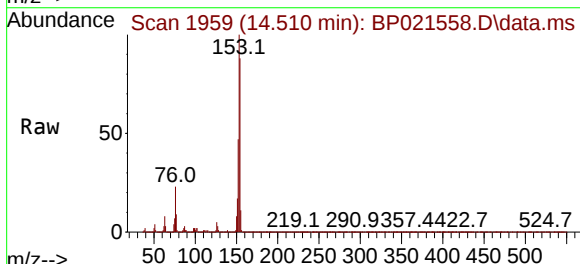
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

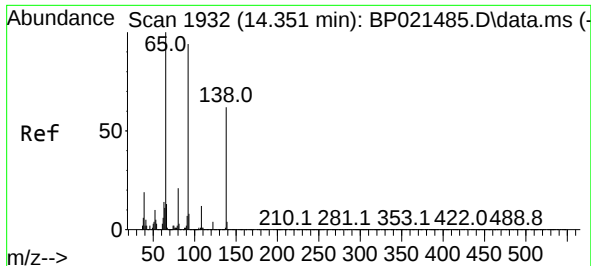
Tgt Ion:165 Resp: 755825
Ion Ratio Lower Upper
165 100
63 59.2 51.5 77.3
89 66.4 57.8 86.8



#52
Acenaphthene
Concen: 53.102 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:154 Resp: 2616536
Ion Ratio Lower Upper
154 100
153 113.5 91.1 136.7
152 53.5 43.0 64.4

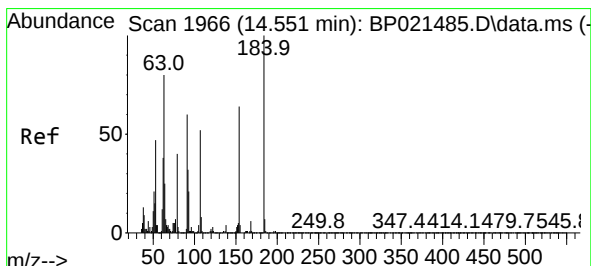
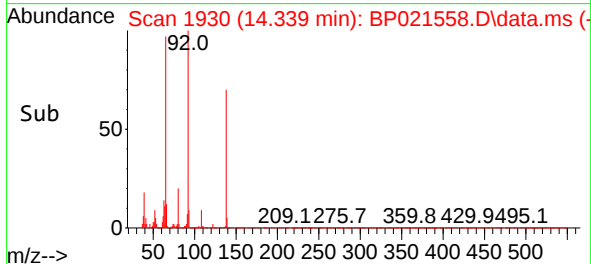
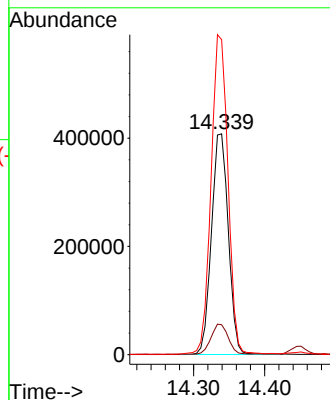
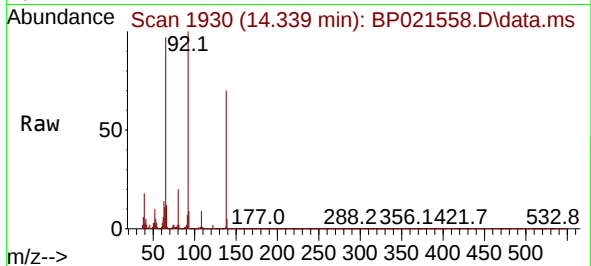




#53
3-Nitroaniline
Concen: 53.919 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

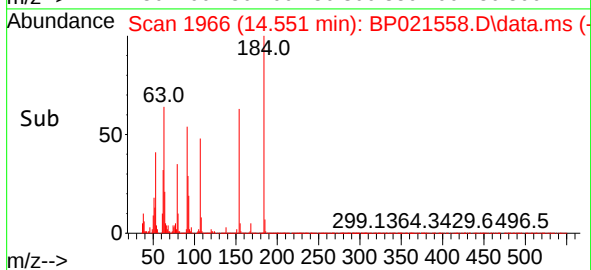
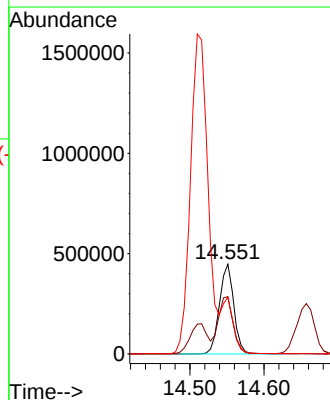
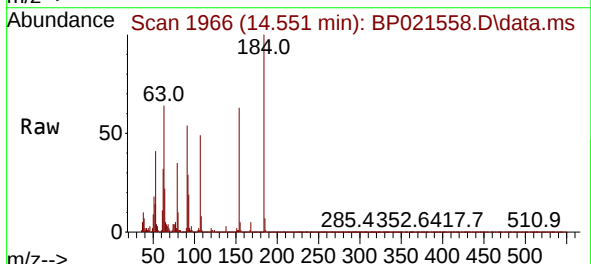
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

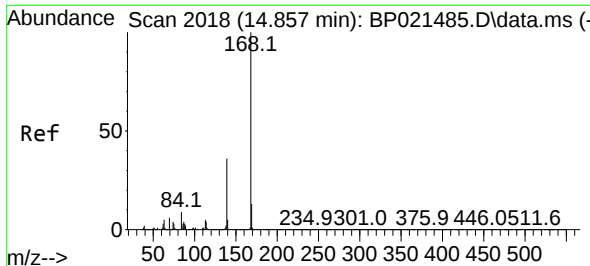
Tgt Ion:138 Resp: 670760
Ion Ratio Lower Upper
138 100
108 13.5 16.2 24.4#
92 142.7 122.2 183.4



#54
2,4-Dinitrophenol
Concen: 113.047 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:184 Resp: 602669
Ion Ratio Lower Upper
184 100
63 63.9 64.9 97.3#
154 63.1 52.1 78.1

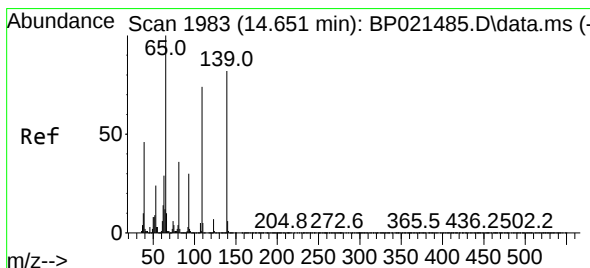
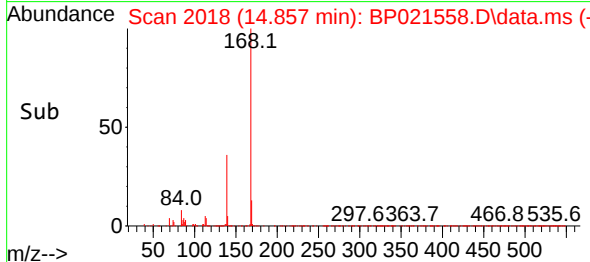
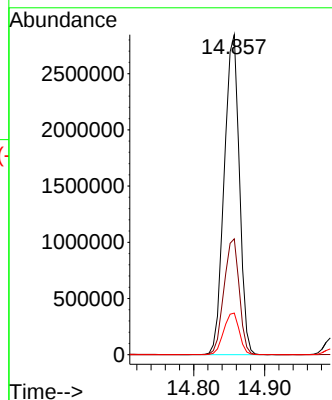
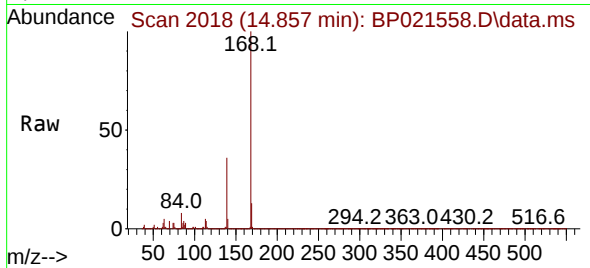




#55
Dibenzofuran
Concen: 55.514 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

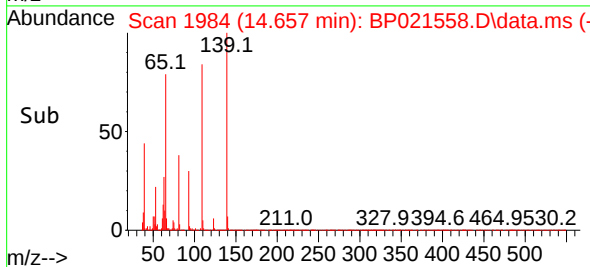
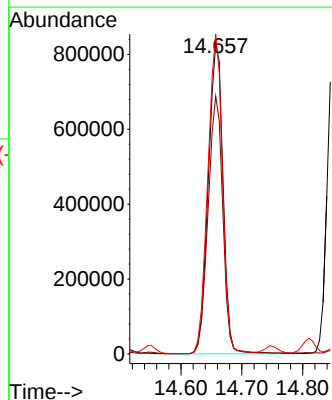
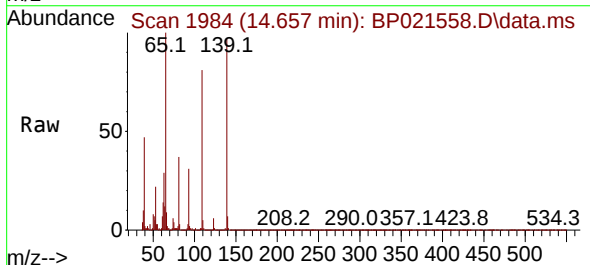
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

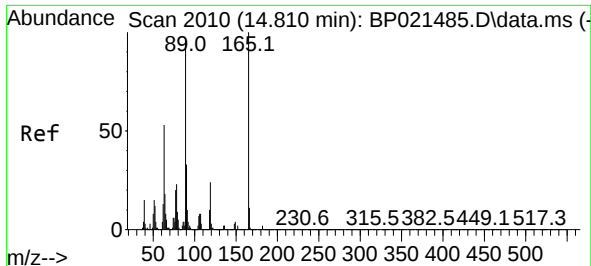
Tgt Ion:168 Resp: 4207878
Ion Ratio Lower Upper
168 100
139 36.2 28.6 43.0
169 13.0 10.6 16.0



#56
4-Nitrophenol
Concen: 132.186 ng
RT: 14.657 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:139 Resp: 1398040
Ion Ratio Lower Upper
139 100
109 83.1 70.2 110.2
65 103.1 101.8 141.8

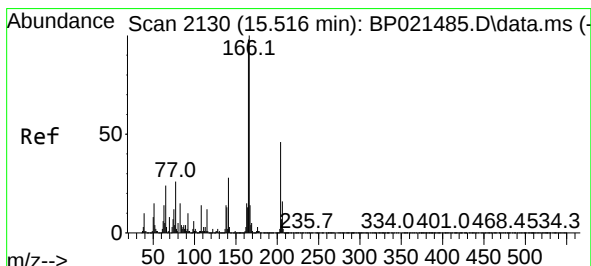
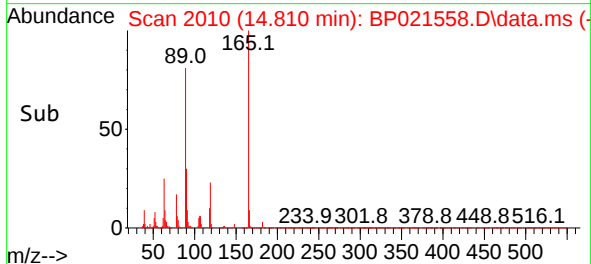
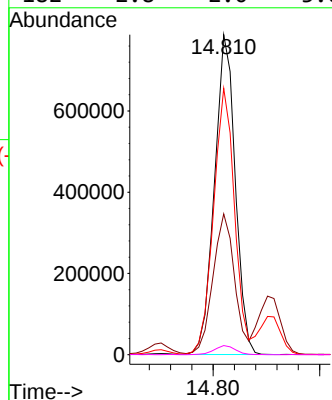
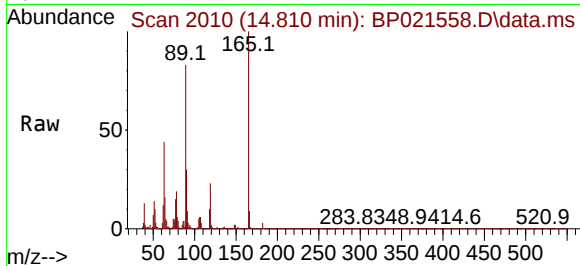




#57
2,4-Dinitrotoluene
Concen: 64.871 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

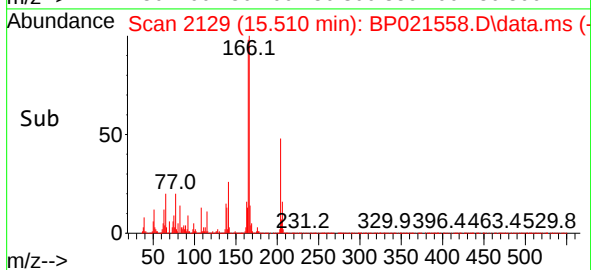
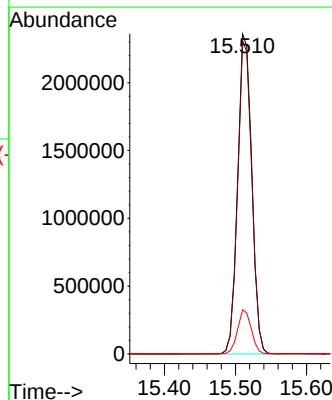
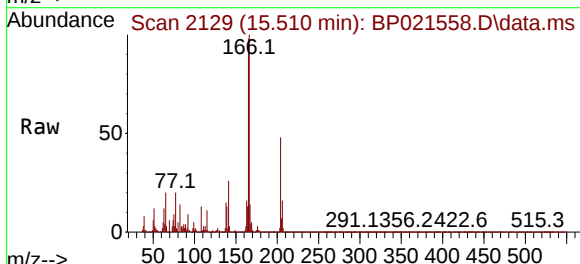
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

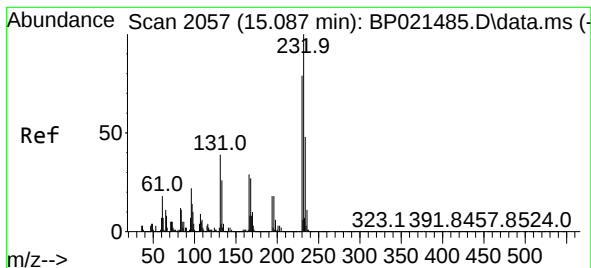
Tgt Ion:165 Resp: 1065253
Ion Ratio Lower Upper
165 100
63 44.0 42.5 63.7
89 83.3 77.1 115.7
182 2.8 2.0 3.0



#58
Fluorene
Concen: 52.485 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:166 Resp: 3268239
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.8 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 69.387 ng

RT: 15.086 min Scan# 2057

Delta R.T. -0.000 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

Tgt Ion:232 Resp: 987704

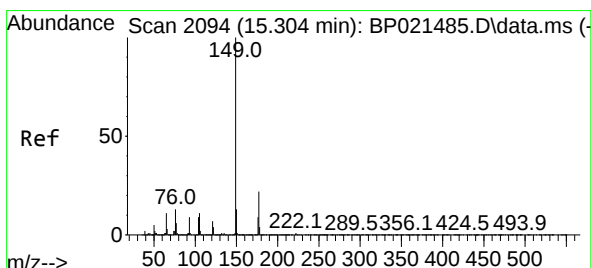
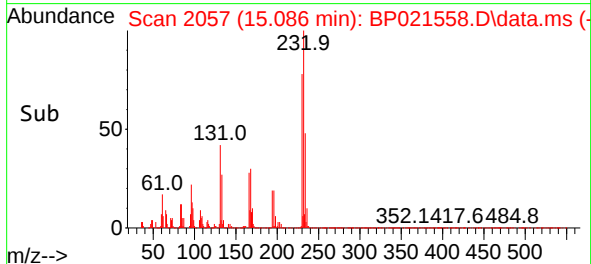
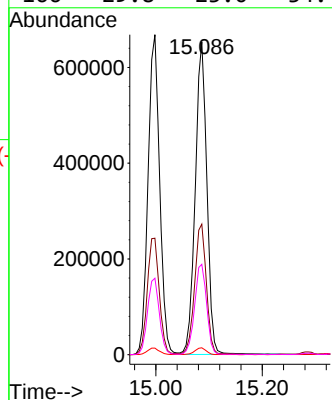
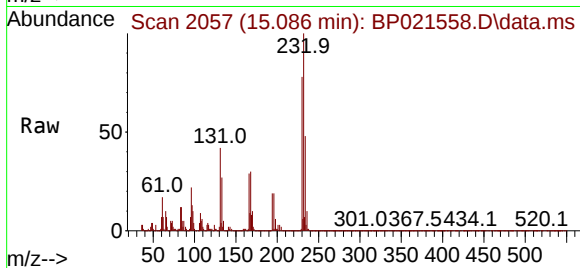
Ion Ratio Lower Upper

232 100

131 42.0 33.1 49.7

130 2.1 1.7 2.5

166 29.8 23.0 34.4



#60

Diethylphthalate

Concen: 54.455 ng

RT: 15.286 min Scan# 2091

Delta R.T. -0.018 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

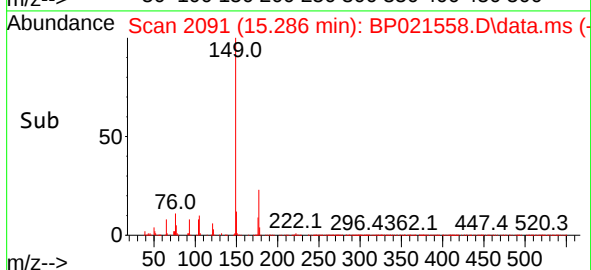
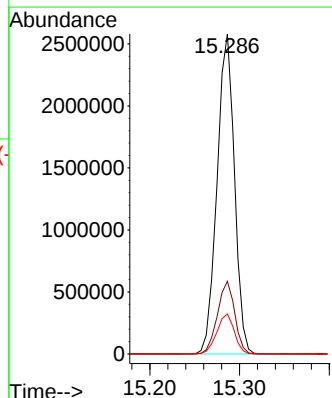
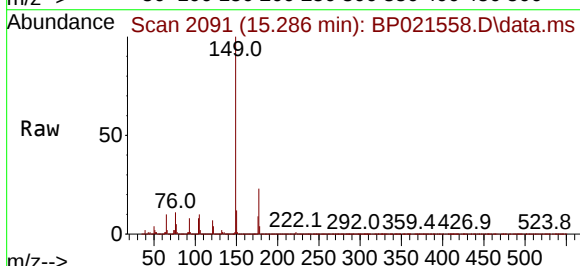
Tgt Ion:149 Resp: 3470169

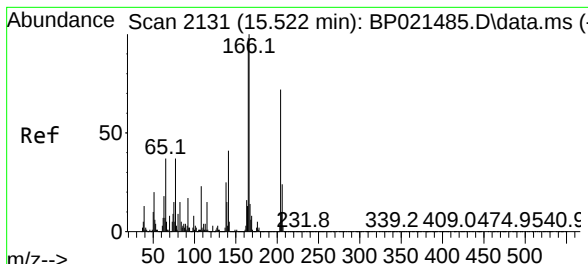
Ion Ratio Lower Upper

149 100

177 22.7 17.8 26.8

150 12.5 10.1 15.1

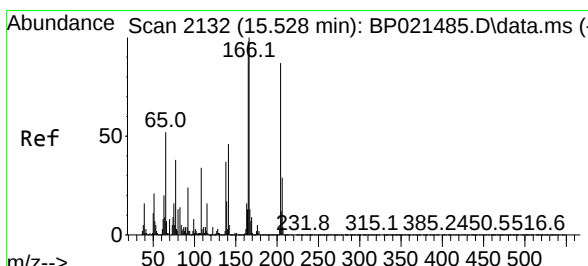
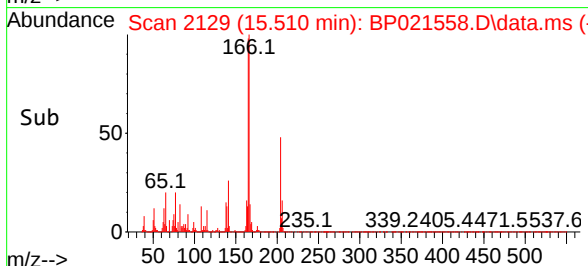
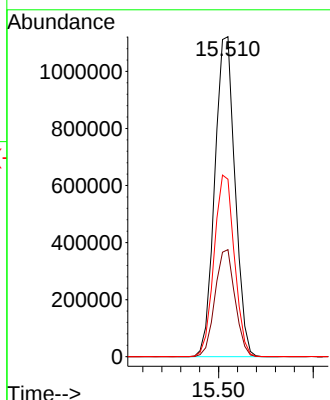
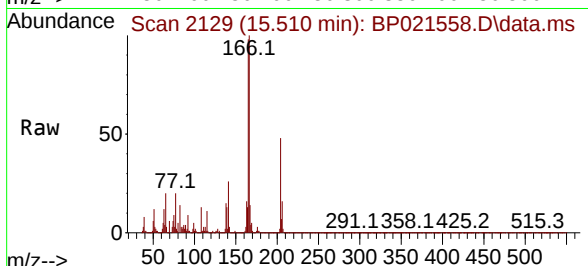




#61
4-Chlorophenyl-phenylether
Concen: 51.695 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

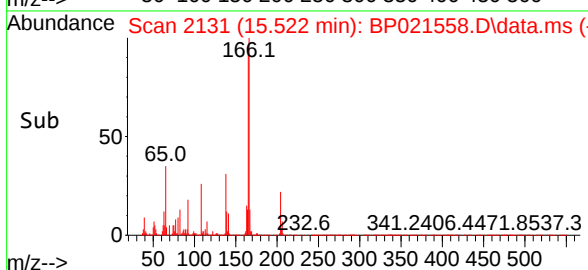
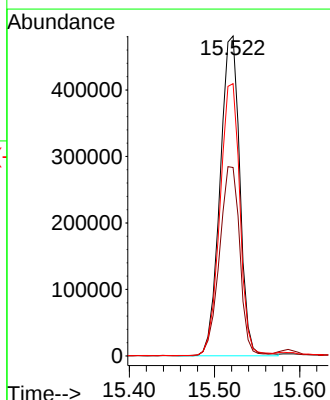
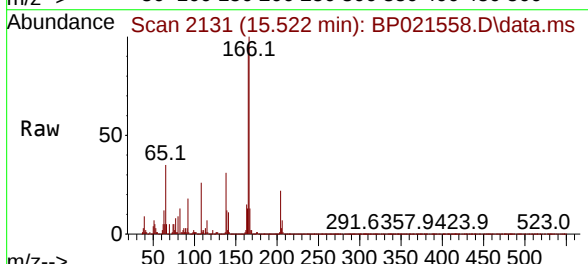
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

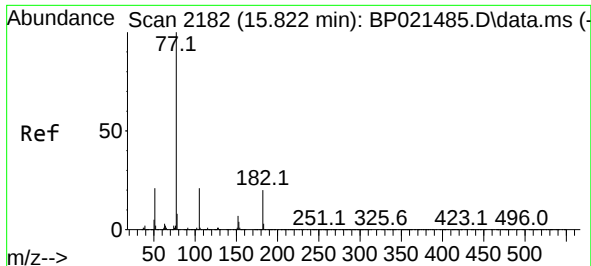
Tgt Ion:204 Resp: 1663970
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 55.4 46.1 69.1



#62
4-Nitroaniline
Concen: 60.342 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:138 Resp: 774219
Ion Ratio Lower Upper
138 100
92 58.9 46.4 86.4
108 85.1 73.2 113.2

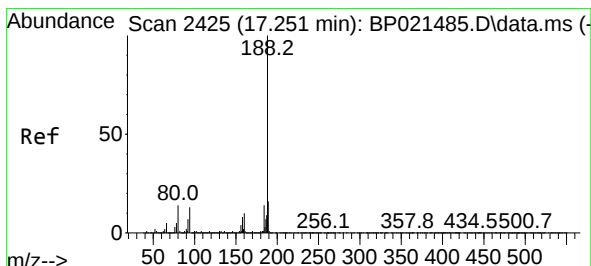
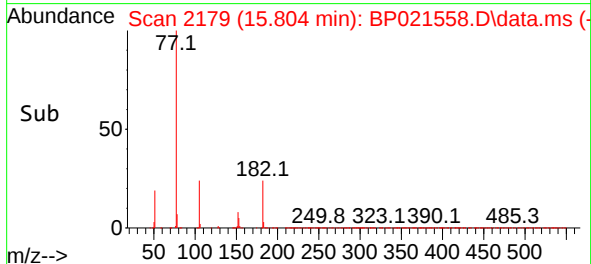
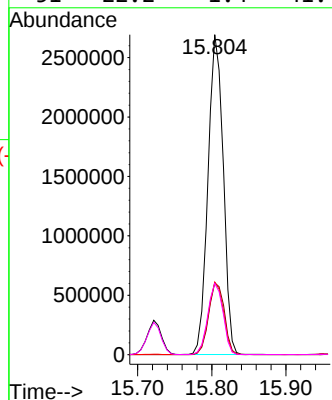
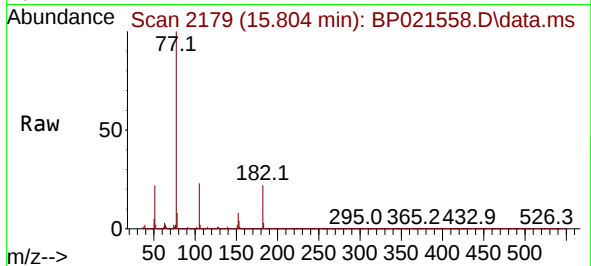




#63
Azobenzene
Concen: 49.133 ng
RT: 15.804 min Scan# 2182
Delta R.T. -0.018 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

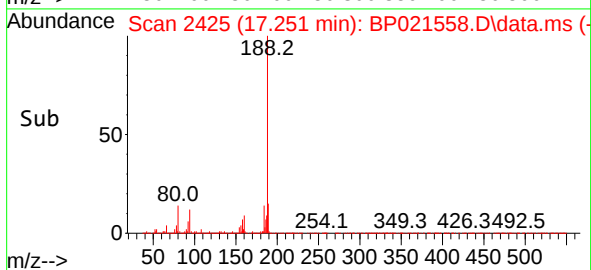
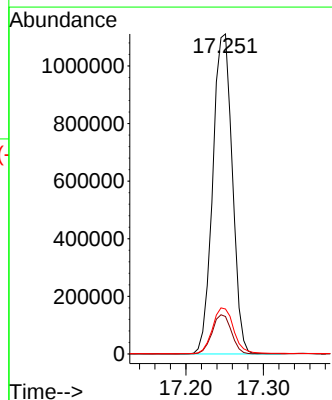
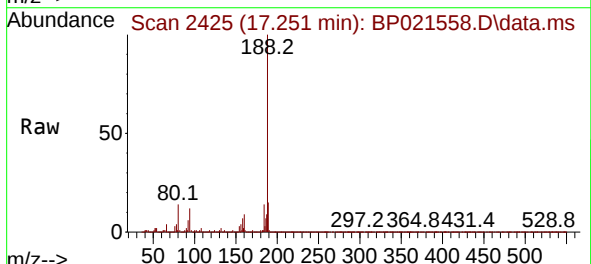
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

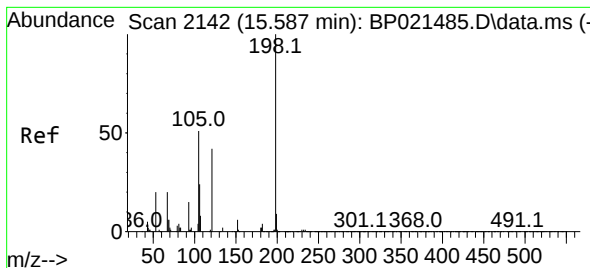
Tgt Ion: 77 Resp: 3848772
Ion Ratio Lower Upper
77 100
182 22.5 0.0 39.9
105 22.7 0.9 40.9
51 22.2 1.4 41.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:188 Resp: 1948663
Ion Ratio Lower Upper
188 100
94 11.7 10.2 15.4
80 14.1 11.6 17.4

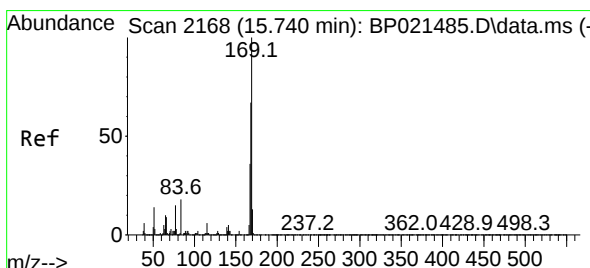
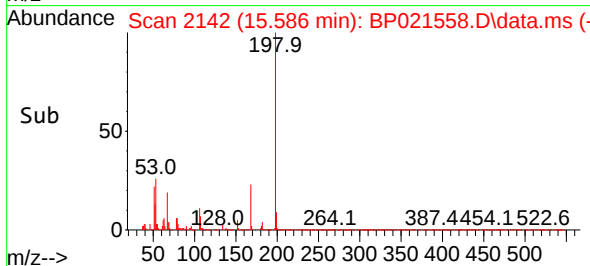
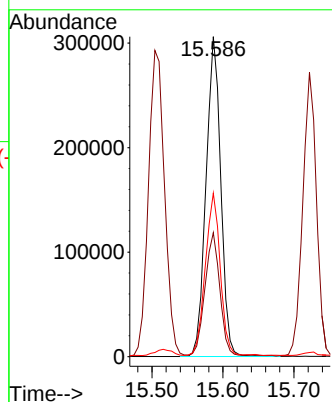
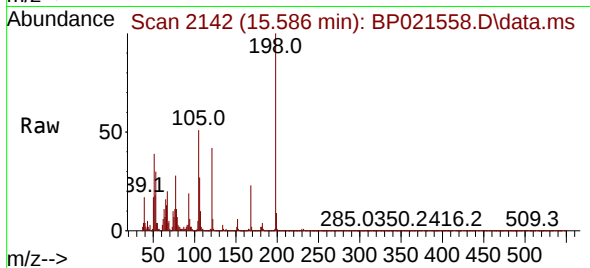




#65
4,6-Dinitro-2-methylphenol
Concen: 66.054 ng
RT: 15.586 min Scan# 2142
Delta R.T. -0.001 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

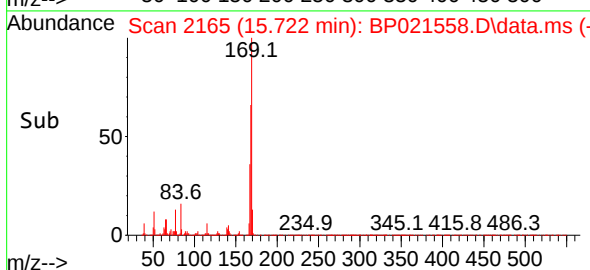
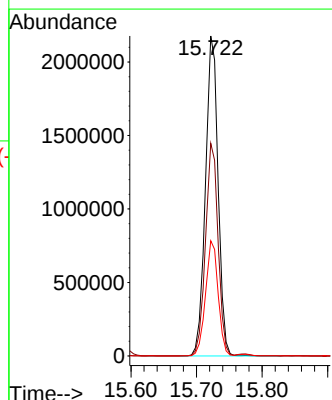
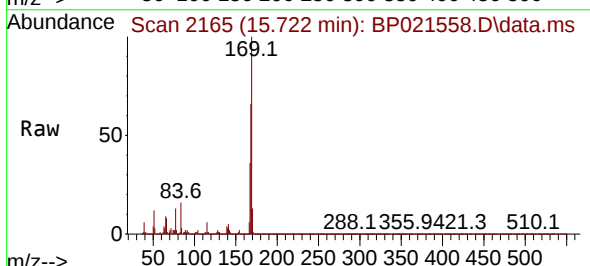
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

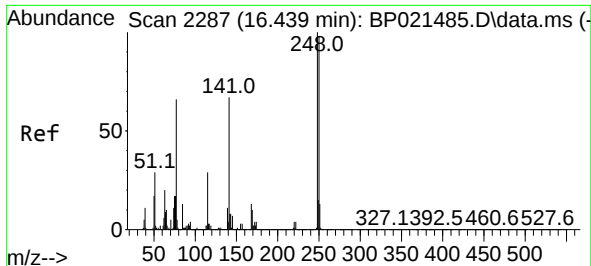
Tgt Ion:198 Resp: 442112
Ion Ratio Lower Upper
198 100
51 38.7 21.5 61.5
105 51.1 32.9 72.9



#66
n-Nitrosodiphenylamine
Concen: 55.898 ng
RT: 15.722 min Scan# 2165
Delta R.T. -0.018 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:169 Resp: 2919075
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.0 28.7 43.1

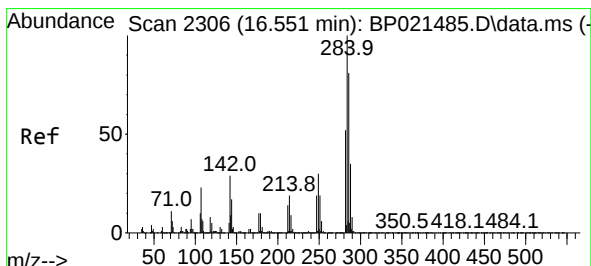
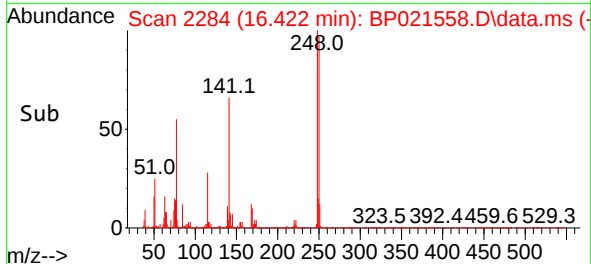
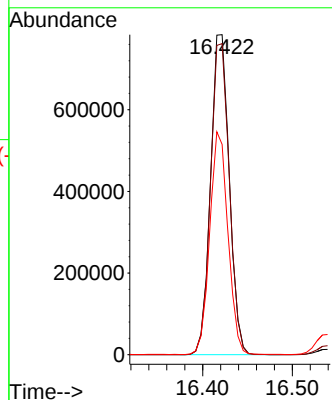
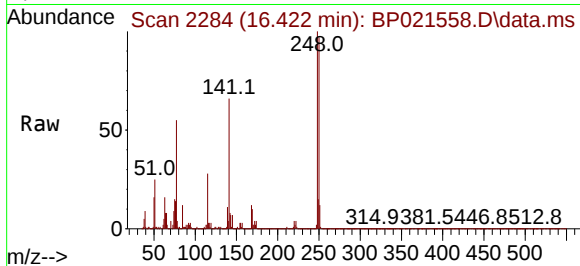




#67
4-Bromophenyl-phenylether
Concen: 54.912 ng
RT: 16.422 min Scan# 211
Delta R.T. -0.018 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

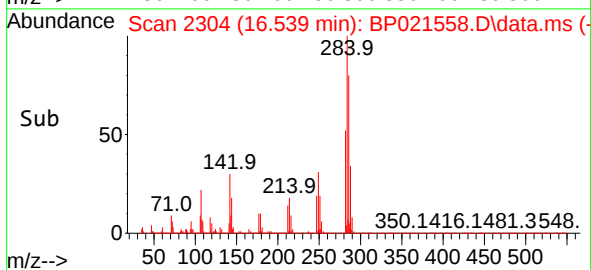
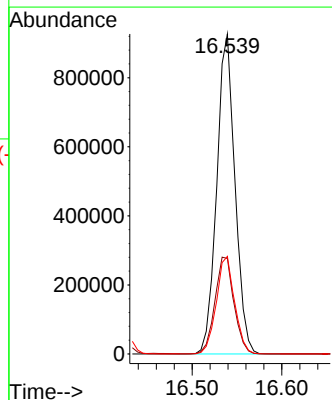
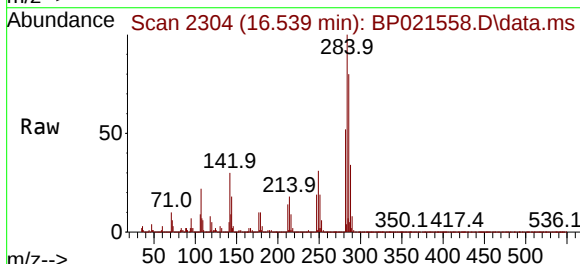
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

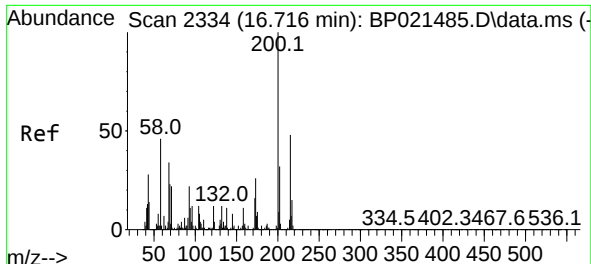
Tgt Ion:248 Resp: 1132487
Ion Ratio Lower Upper
248 100
250 97.2 78.6 117.8
141 65.7 53.9 80.9



#68
Hexachlorobenzene
Concen: 53.537 ng
RT: 16.539 min Scan# 2304
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:284 Resp: 1304837
Ion Ratio Lower Upper
284 100
142 29.9 23.4 35.2
249 30.5 24.1 36.1

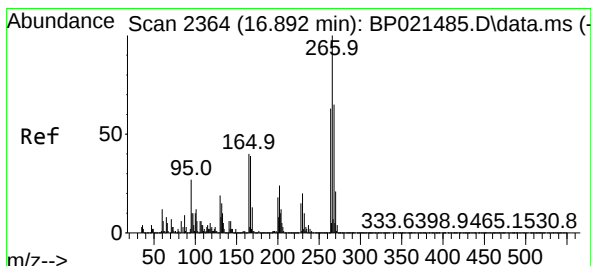
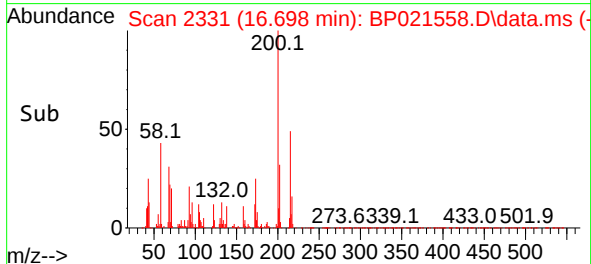
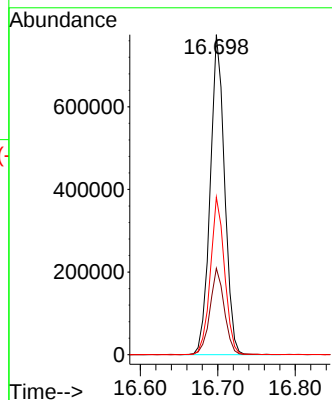
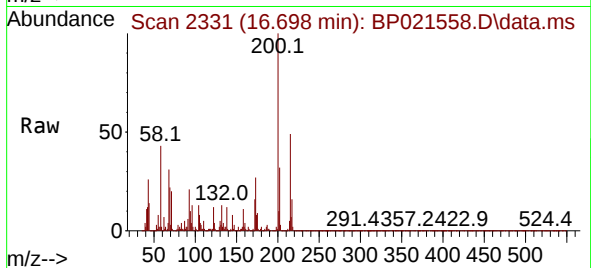




#69
Atrazine
Concen: 55.727 ng
RT: 16.698 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

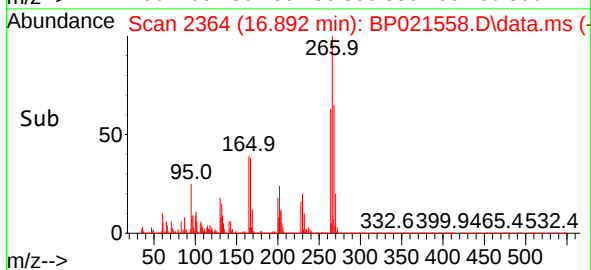
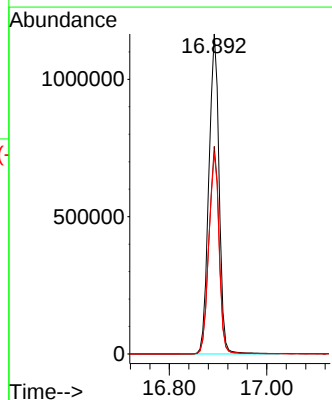
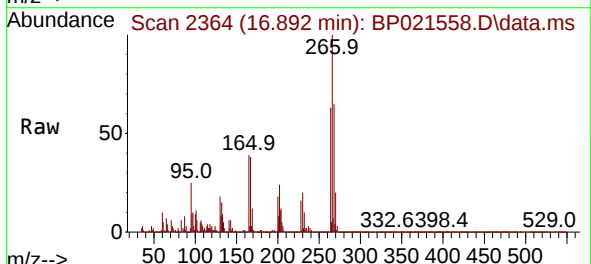
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

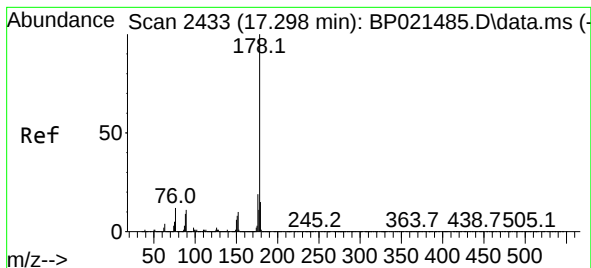
Tgt Ion:200 Resp: 999137
Ion Ratio Lower Upper
200 100
173 27.0 6.2 46.2
215 49.2 28.4 68.4



#70
Pentachlorophenol
Concen: 127.653 ng
RT: 16.892 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:266 Resp: 1698108
Ion Ratio Lower Upper
266 100
268 64.9 51.8 77.6
264 62.9 50.5 75.7





#71

Phenanthrene

Concen: 57.693 ng

RT: 17.292 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

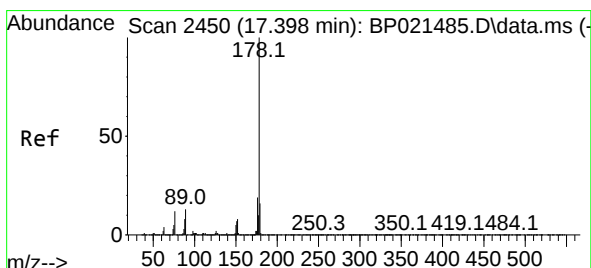
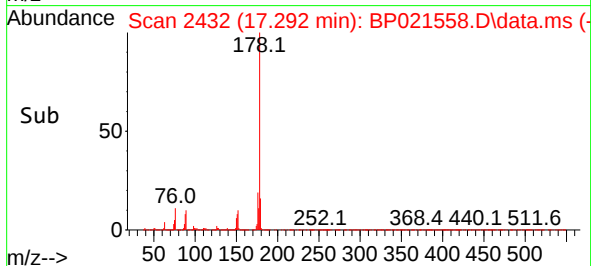
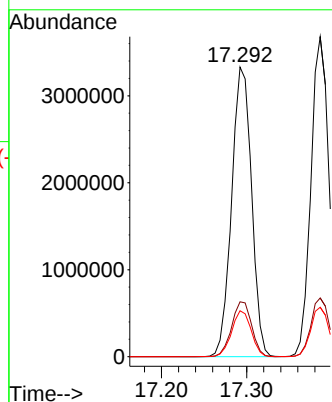
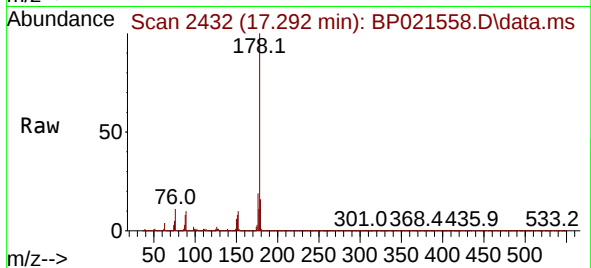
Tgt Ion:178 Resp: 5406771

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.8 12.4 18.6



#72

Anthracene

Concen: 58.486 ng

RT: 17.386 min Scan# 2448

Delta R.T. -0.012 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

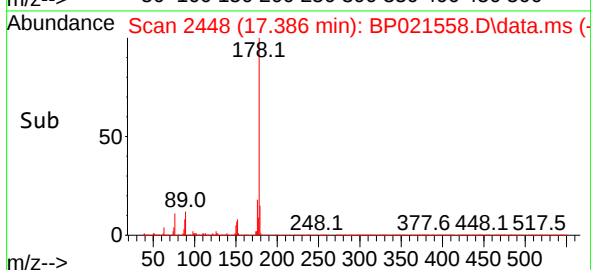
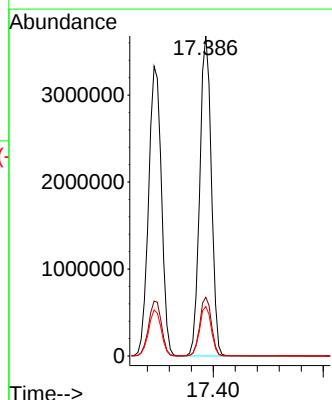
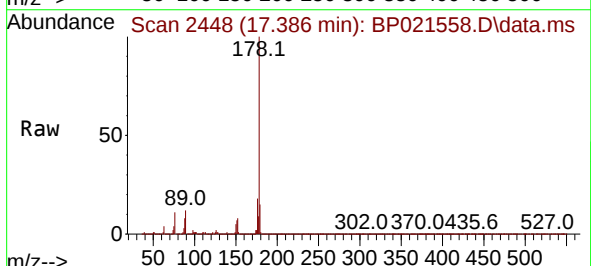
Tgt Ion:178 Resp: 5375410

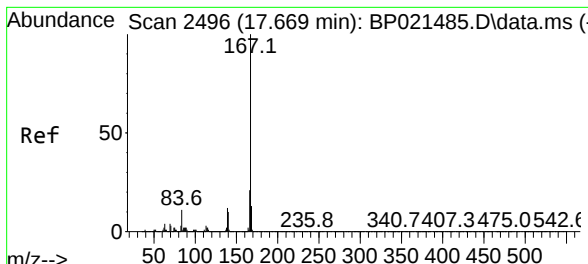
Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.5 12.5 18.7



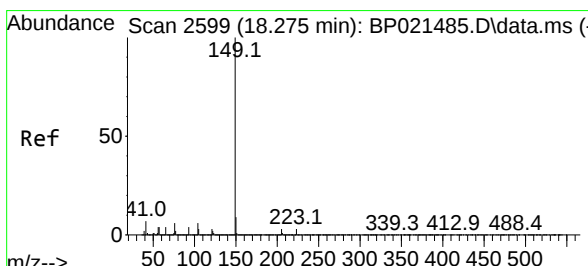
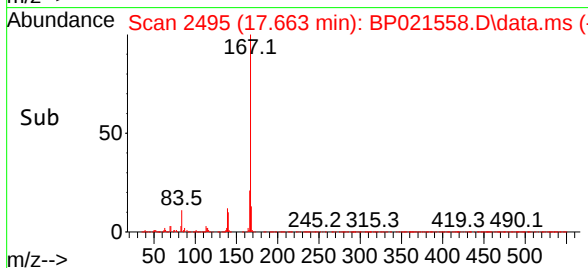
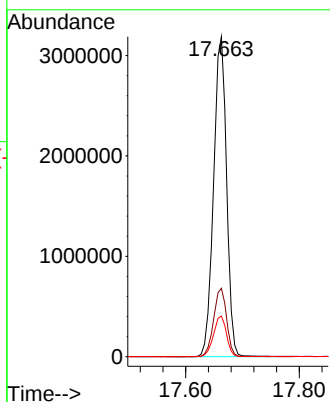
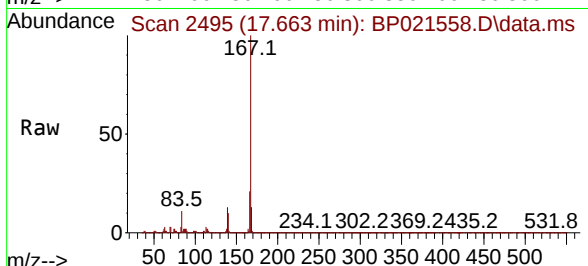


#73
 Carbazole
 Concen: 56.834 ng
 RT: 17.663 min Scan# 2495
 Delta R.T. -0.006 min
 Lab File: BP021558.D
 Acq: 19 Aug 2024 18:10

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-08-080724MSD

Tgt Ion:167 Resp: 5034035

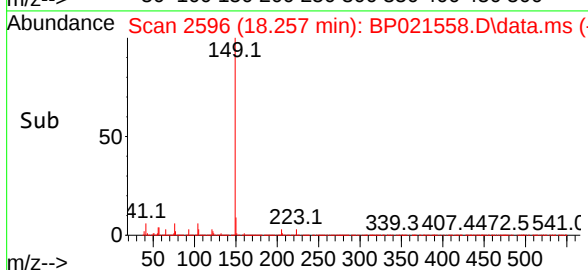
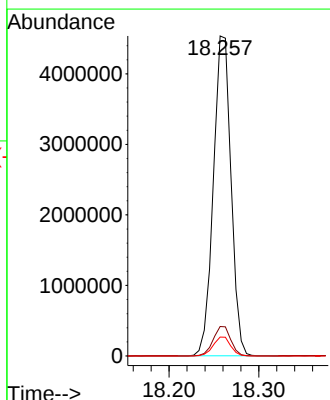
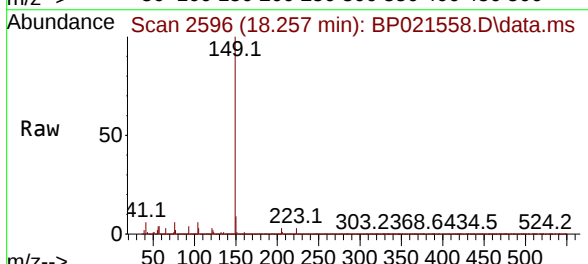
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	12.7	9.9	14.9

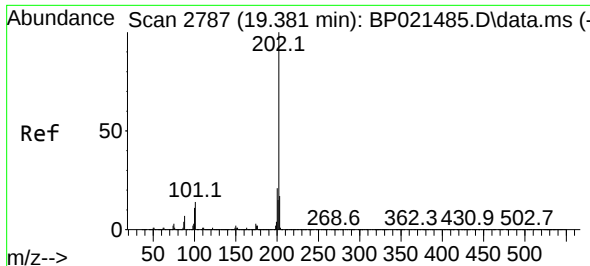


#74
 Di-n-butylphthalate
 Concen: 56.948 ng
 RT: 18.257 min Scan# 2596
 Delta R.T. -0.018 min
 Lab File: BP021558.D
 Acq: 19 Aug 2024 18:10

Tgt Ion:149 Resp: 6194834

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.9	4.9	7.3

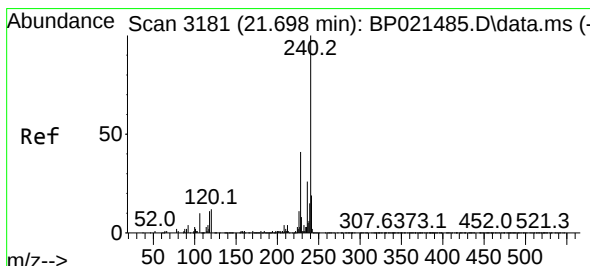
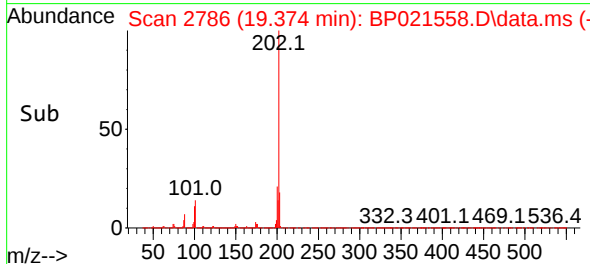
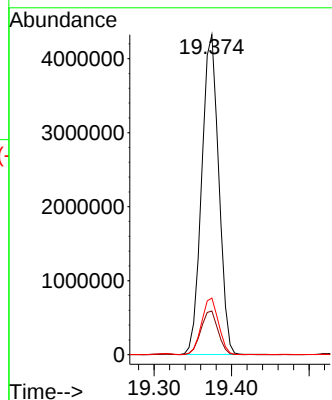
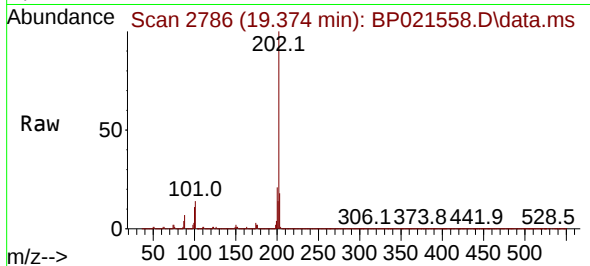




#75
Fluoranthene
Concen: 57.341 ng
RT: 19.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

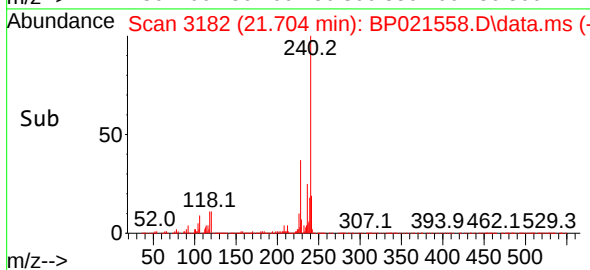
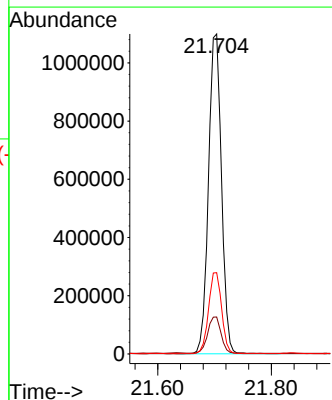
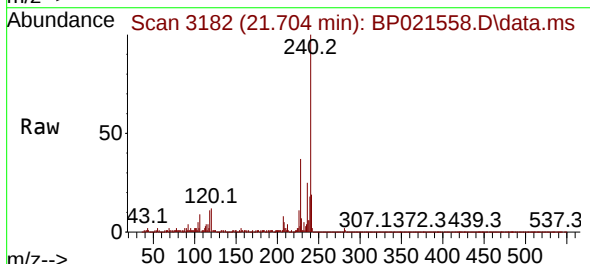
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

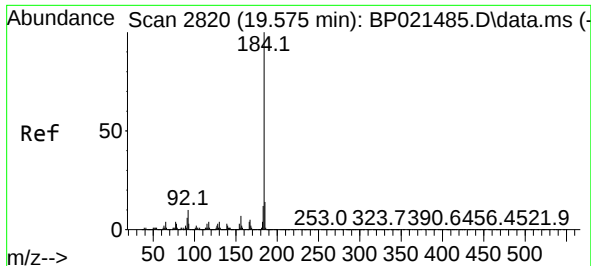
Tgt Ion:202 Resp: 6593442
Ion Ratio Lower Upper
202 100
101 13.6 0.0 34.0
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.704 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:240 Resp: 1729550
Ion Ratio Lower Upper
240 100
120 11.6 9.9 14.9
236 25.4 20.6 30.8

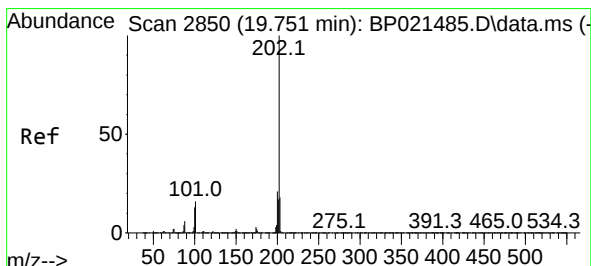
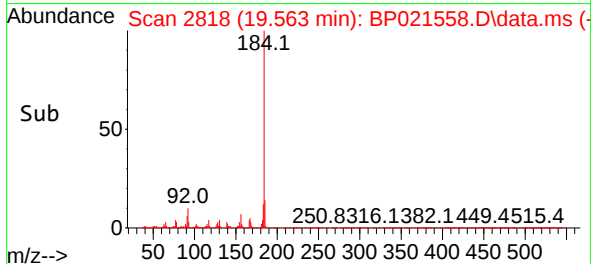
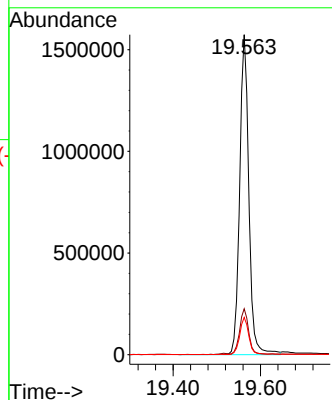
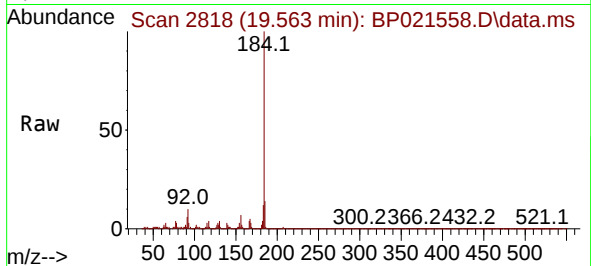




#77
Benzidine
Concen: 60.346 ng
RT: 19.563 min Scan# 2818
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

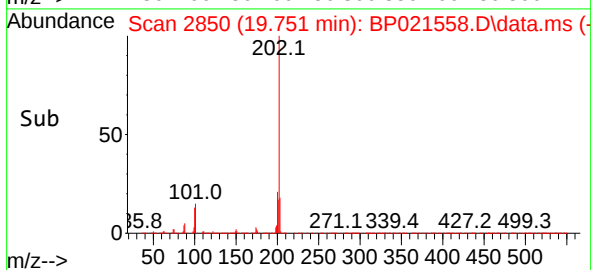
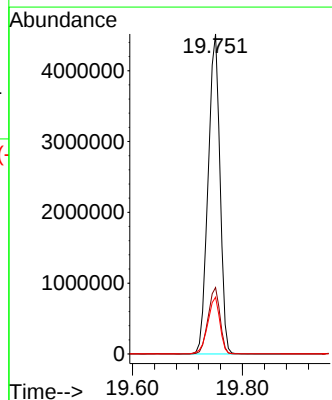
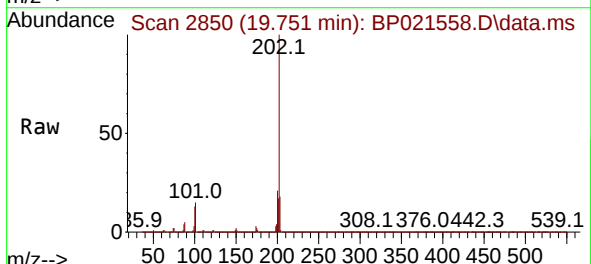
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

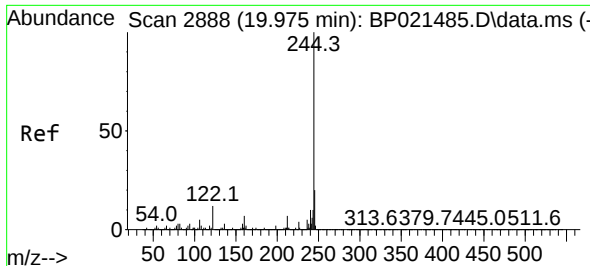
Tgt Ion:184 Resp: 2292245
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 11.7 9.3 13.9



#78
Pyrene
Concen: 59.660 ng
RT: 19.751 min Scan# 2850
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:202 Resp: 6744339
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.7 14.1 21.1

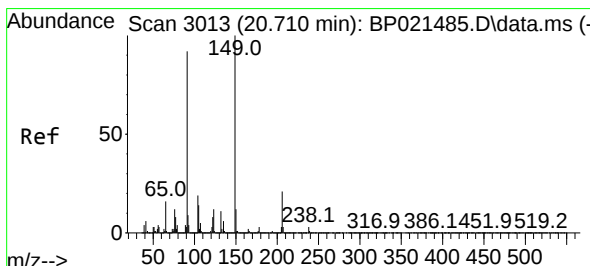
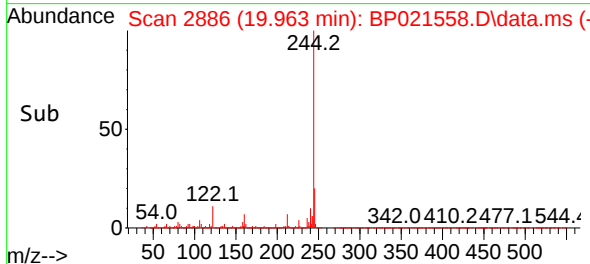
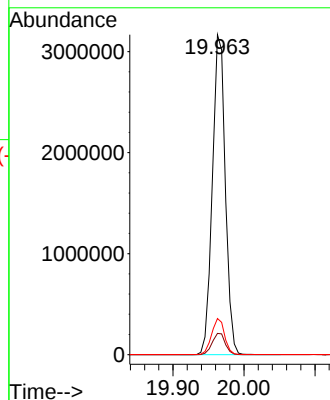
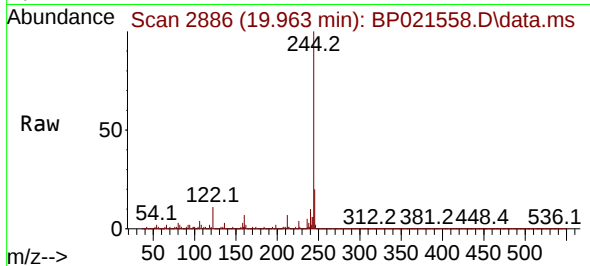




#79
 Terphenyl-d14
 Concen: 45.082 ng
 RT: 19.963 min Scan# 2886
 Delta R.T. -0.012 min
 Lab File: BP021558.D
 Acq: 19 Aug 2024 18:10

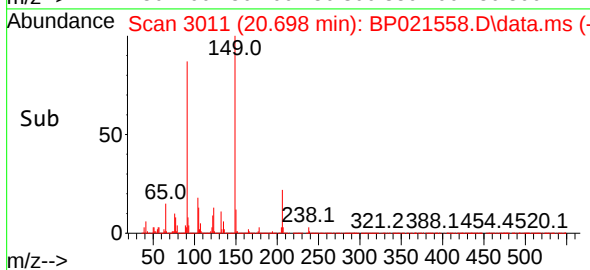
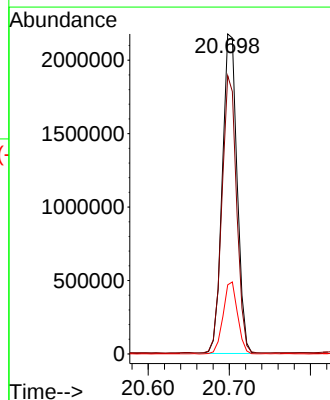
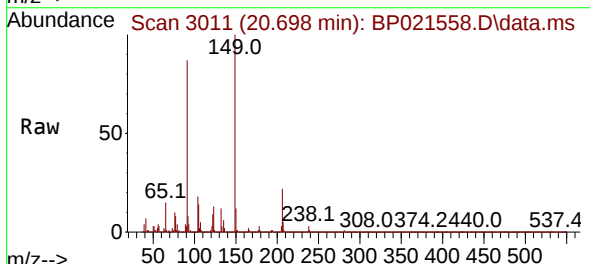
Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-08-080724MSD

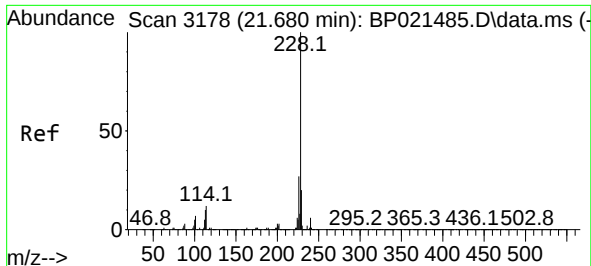
Tgt Ion:244 Resp: 4013517
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.3 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 63.290 ng
 RT: 20.698 min Scan# 3011
 Delta R.T. -0.012 min
 Lab File: BP021558.D
 Acq: 19 Aug 2024 18:10

Tgt Ion:149 Resp: 2768683
 Ion Ratio Lower Upper
 149 100
 91 87.0 73.3 109.9
 206 21.6 17.1 25.7

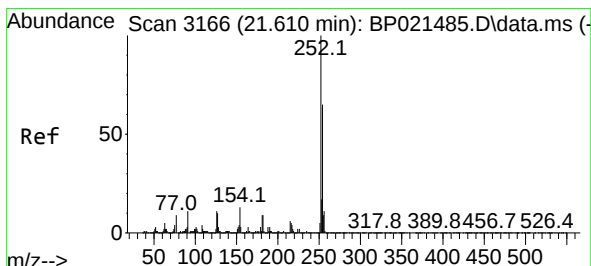
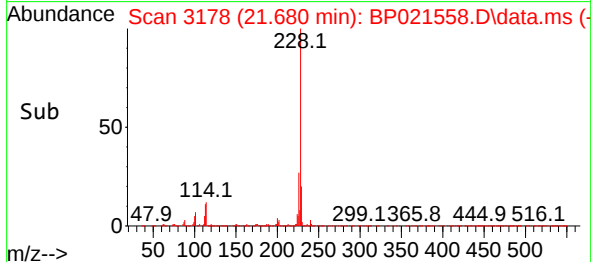
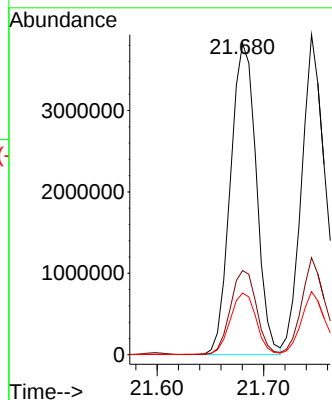
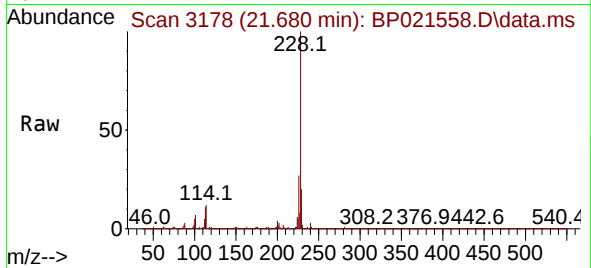




#81
Benzo(a)anthracene
Concen: 59.401 ng
RT: 21.680 min Scan# 3178
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

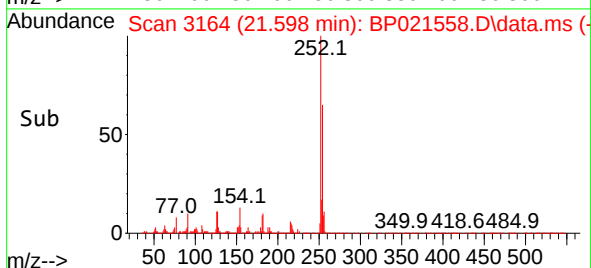
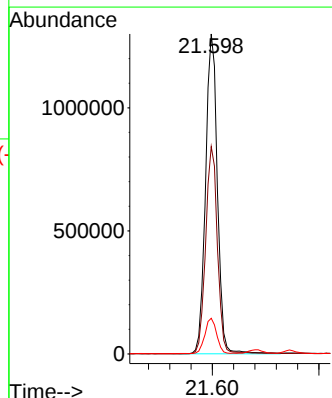
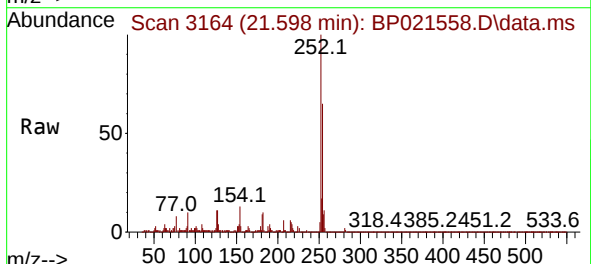
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

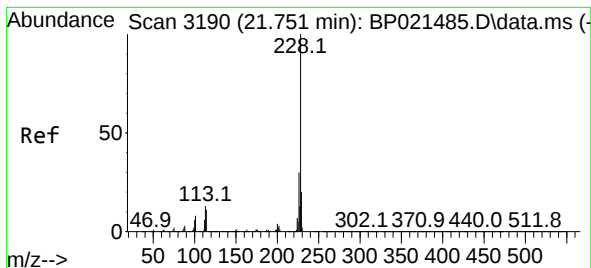
Tgt Ion:228 Resp: 6449455
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 57.393 ng
RT: 21.598 min Scan# 3164
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:252 Resp: 1997939
Ion Ratio Lower Upper
252 100
254 64.8 51.7 77.5
126 11.1 8.7 13.1





#83

Chrysene

Concen: 59.298 ng

RT: 21.745 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

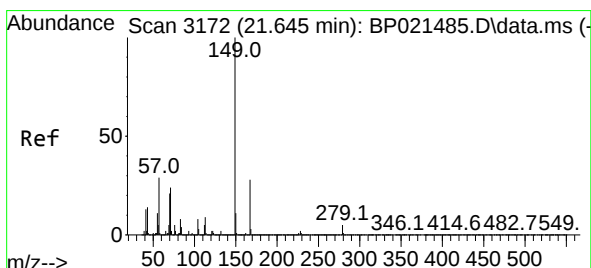
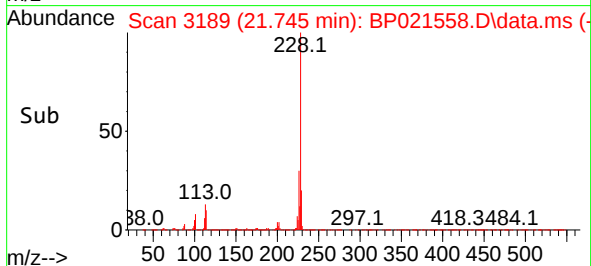
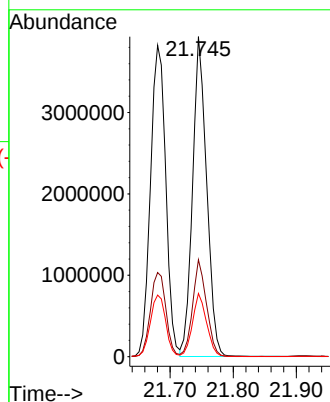
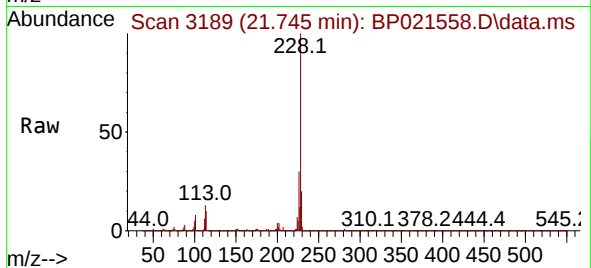
Tgt Ion:228 Resp: 6078651

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.393 ng

RT: 21.633 min Scan# 3170

Delta R.T. -0.012 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

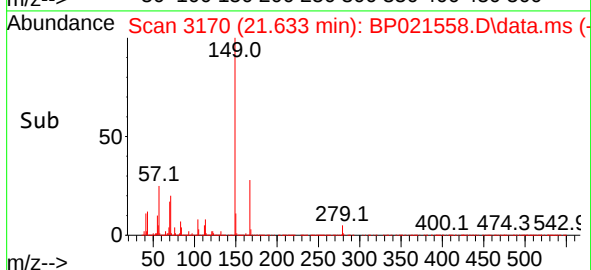
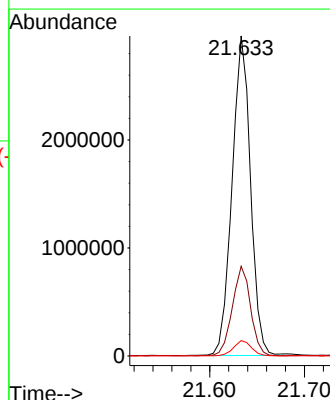
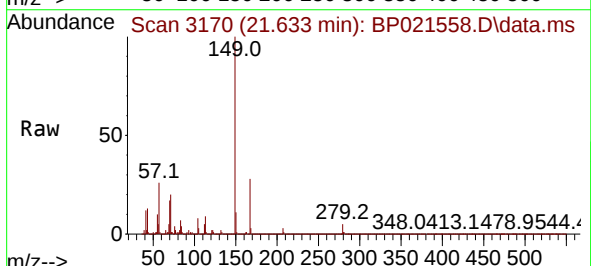
Tgt Ion:149 Resp: 4003843

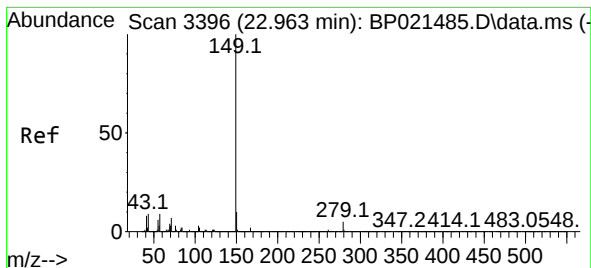
Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 60.638 ng

RT: 22.951 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

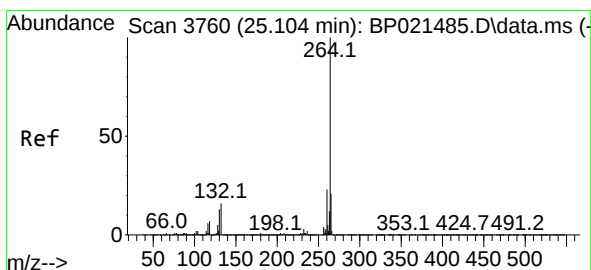
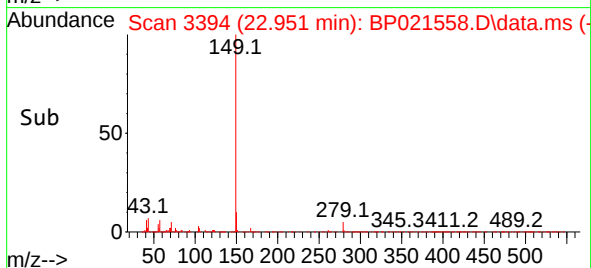
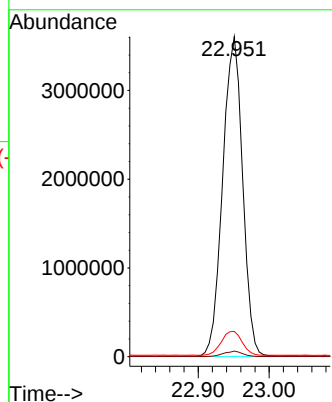
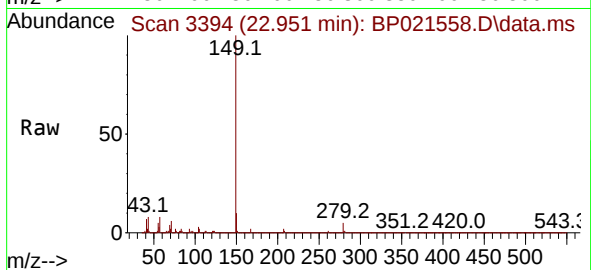
Tgt Ion:149 Resp: 6994994

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.133 min Scan# 3765

Delta R.T. 0.029 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

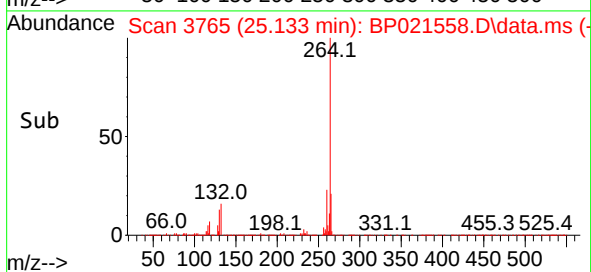
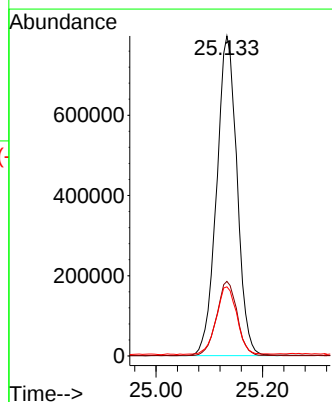
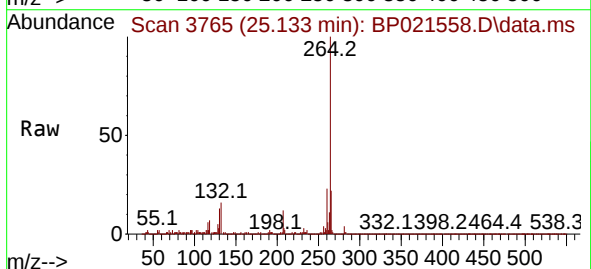
Tgt Ion:264 Resp: 2112740

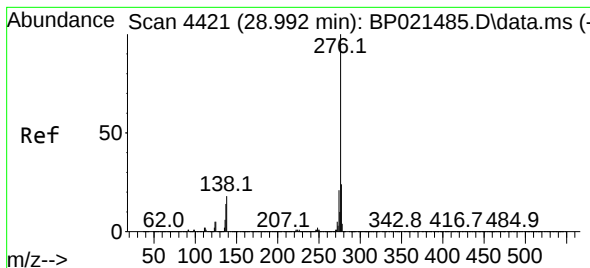
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.835 ng

RT: 29.033 min Scan# 4421

Delta R.T. 0.041 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

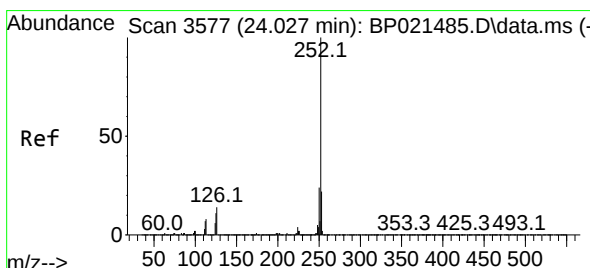
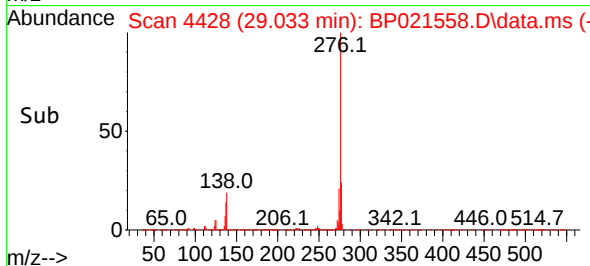
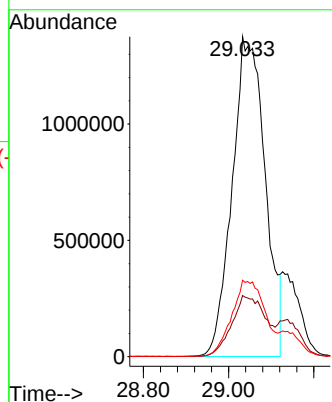
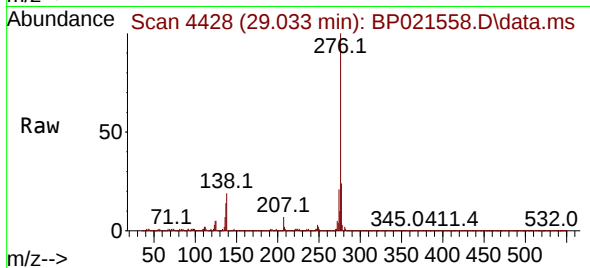
Tgt Ion:276 Resp: 7372771

Ion Ratio Lower Upper

276 100

138 19.6 12.8 19.2#

277 24.1 16.5 24.7



#88

Benzo(b)fluoranthene

Concen: 56.086 ng

RT: 24.051 min Scan# 3581

Delta R.T. 0.023 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

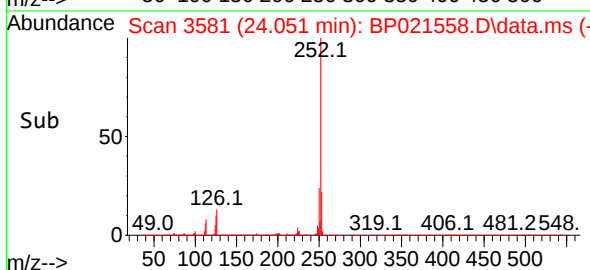
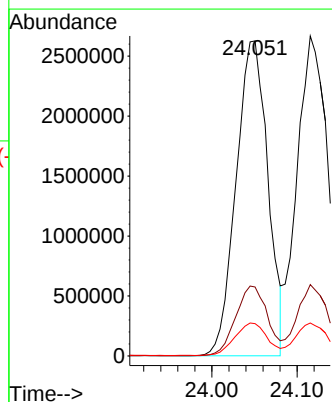
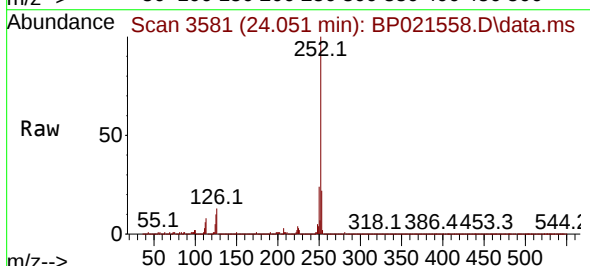
Tgt Ion:252 Resp: 6805486

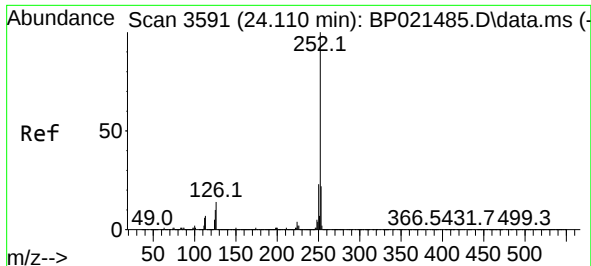
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.3 8.6 13.0

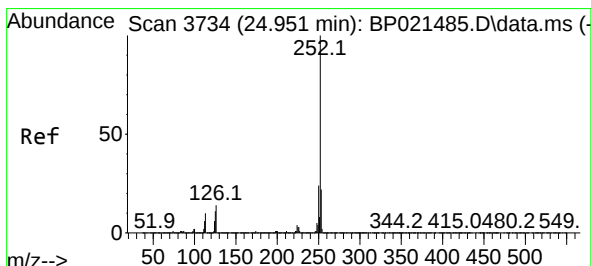
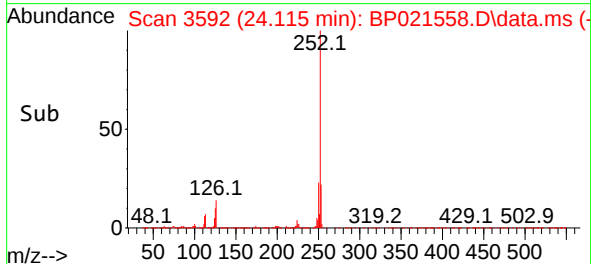
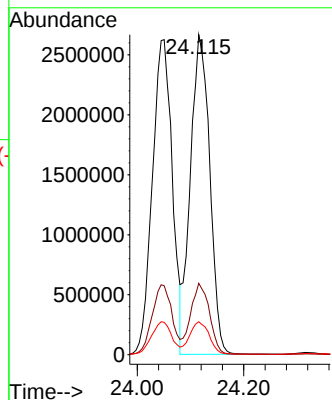
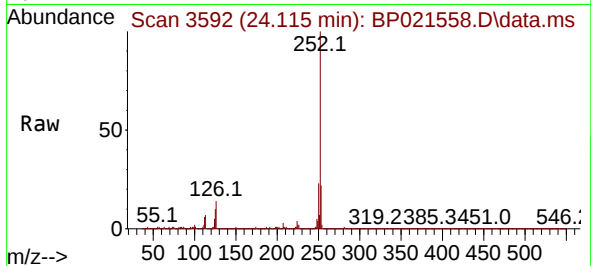




#89
Benzo(k)fluoranthene
Concen: 56.878 ng
RT: 24.115 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

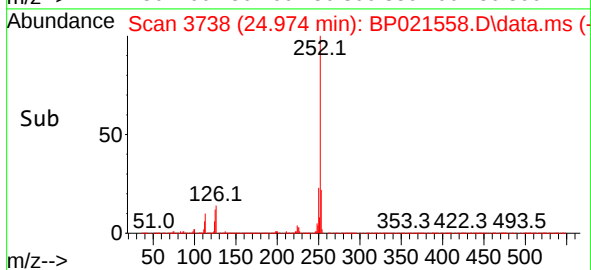
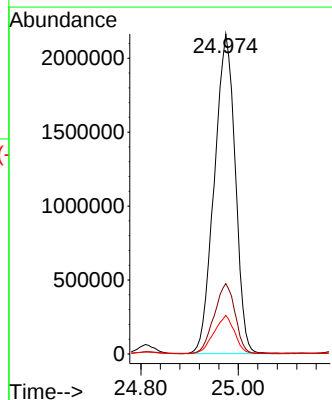
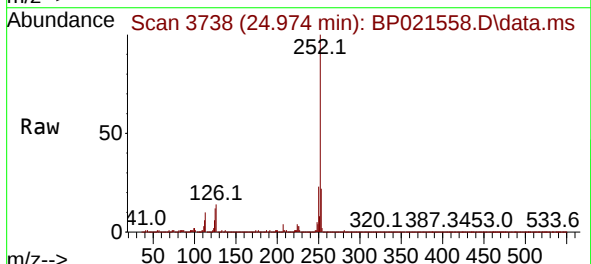
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

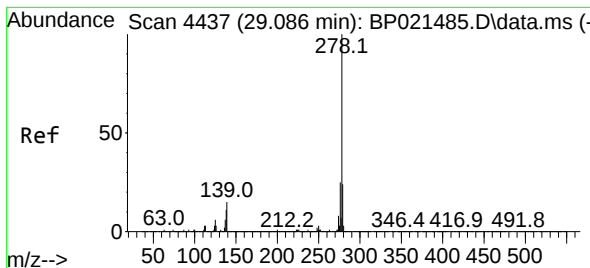
Tgt Ion:252 Resp: 6732514
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.3 7.8 11.8



#90
Benzo(a)pyrene
Concen: 61.249 ng
RT: 24.974 min Scan# 3738
Delta R.T. 0.023 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:252 Resp: 6449393
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 12.1 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 59.174 ng

RT: 29.139 min Scan# 4437

Delta R.T. 0.053 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

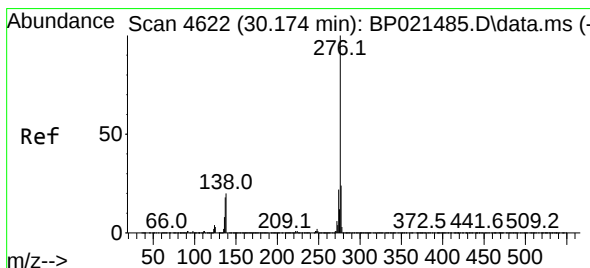
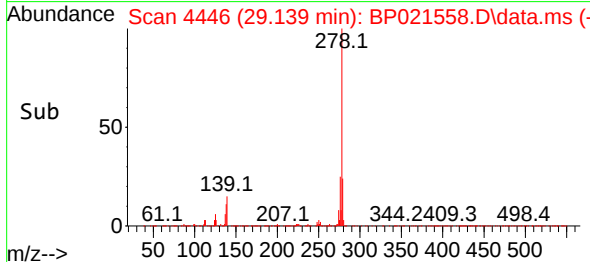
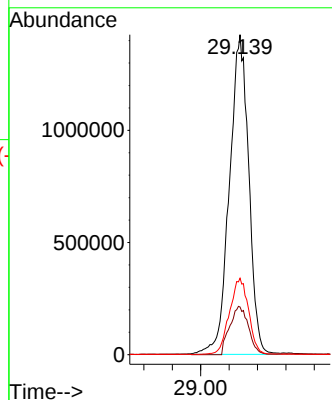
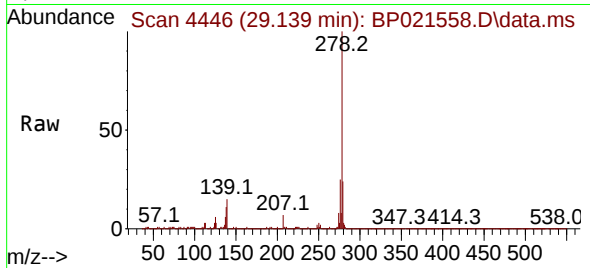
Tgt Ion:278 Resp: 6733467

Ion Ratio Lower Upper

278 100

139 14.9 12.2 18.4

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 57.449 ng

RT: 30.274 min Scan# 4639

Delta R.T. 0.100 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Tgt Ion:276 Resp: 6552048

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 20.4 16.0 24.0

