

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021584.D
 Acq On : 20 Aug 2024 23:10
 Operator : RC/JU
 Sample : P3518-15MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 21 00:28:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	352459	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1409669	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	889773	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1972753	20.000	ng	0.01
76) Chrysene-d12	21.727	240	1896713	20.000	ng	0.03
86) Perylene-d12	25.163	264	2370127	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2082732	87.743	ng	0.00
7) Phenol-d6	6.975	99	2964656	85.618	ng	0.01
23) Nitrobenzene-d5	8.952	82	1678266	61.450	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	968632	97.814	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2513022	43.104	ng	0.00
79) Terphenyl-d14	19.992	244	3811513	39.040	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	421089	37.413	ng	99
3) Pyridine	3.711	79	1191272	37.915	ng	95
4) n-Nitrosodimethylamine	3.617	42	448743	47.517	ng	91
6) Aniline	7.128	93	1189373	34.358	ng	97
8) 2-Chlorophenol	7.375	128	1248927	56.936	ng	93
9) Benzaldehyde	6.946	77	55434	2.500	ng	92
10) Phenol	6.999	94	1865142	52.016	ng	97
11) bis(2-Chloroethyl)ether	7.228	93	1395710	46.001	ng	96
12) 1,3-Dichlorobenzene	7.699	146	1277671	49.036	ng	95
13) 1,4-Dichlorobenzene	7.840	146	1303689	49.550	ng	98
14) 1,2-Dichlorobenzene	8.158	146	1252985	49.418	ng	99
15) Benzyl Alcohol	8.040	79	1236553	49.771	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1295806	46.377	ng	96
17) 2-Methylphenol	8.240	107	1177304	51.936	ng	98
18) Hexachloroethane	8.887	117	525329	49.791	ng	98
19) n-Nitroso-di-n-propyla...	8.605	70	951483	39.779	ng	96
20) 3+4-Methylphenols	8.569	107	1627837	53.257	ng	98
22) Acetophenone	8.622	105	1904489	43.977	ng	# 98
24) Nitrobenzene	8.999	77	1479932	49.892	ng	93
25) Isophorone	9.528	82	2799065	43.382	ng	97
26) 2-Nitrophenol	9.704	139	596197	66.329	ng	94
27) 2,4-Dimethylphenol	9.769	122	909389	57.112	ng	96
28) bis(2-Chloroethoxy)met...	10.004	93	1790734	45.468	ng	100
29) 2,4-Dichlorophenol	10.240	162	1135190	60.339	ng	96
30) 1,2,4-Trichlorobenzene	10.457	180	1179340	48.894	ng	97
31) Naphthalene	10.646	128	3602553	48.920	ng	100
32) Benzoic acid	9.904	122	832446	68.051	ng	92
33) 4-Chloroaniline	10.746	127	833151	30.119	ng	96
34) Hexachlorobutadiene	10.934	225	712895	46.941	ng	99
35) Caprolactam	11.528	113	414603	52.945	ng	89
36) 4-Chloro-3-methylphenol	11.875	107	1449587	55.545	ng	95
37) 2-Methylnaphthalene	12.257	142	2446091	48.669	ng	99
38) 1-Methylnaphthalene	12.481	142	2289218	46.182	ng	100
40) 1,2,4,5-Tetrachloroben...	12.634	216	1212132	46.494	ng	99
41) Hexachlorocyclopentadiene	12.616	237	930094	112.565	ng	98
43) 2,4,6-Trichlorophenol	12.869	196	915186	63.196	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	994671	61.820	ng	96
46) 1,1'-Biphenyl	13.275	154	2916888	46.335	ng	98
47) 2-Chloronaphthalene	13.316	162	2462613	50.246	ng	99
48) 2-Nitroaniline	13.510	65	845277	60.084	ng	88
49) Acenaphthylene	14.169	152	4047464	56.177	ng	100
50) Dimethylphthalate	13.904	163	3100427	52.032	ng	99
51) 2,6-Dinitrotoluene	14.016	165	678139	55.712	ng	92
52) Acenaphthene	14.516	154	2397509	50.716	ng	99
53) 3-Nitroaniline	14.340	138	611068	51.400	ng	# 91
54) 2,4-Dinitrophenol	14.557	184	620951	118.138	ng	# 86
55) Dibenzofuran	14.857	168	3762045	51.732	ng	98
56) 4-Nitrophenol	14.663	139	1323955	130.543	ng	87
57) 2,4-Dinitrotoluene	14.816	165	976431	62.202	ng	# 83
58) Fluorene	15.522	166	2954007	49.446	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	899114	65.836	ng	99
60) Diethylphthalate	15.287	149	3126379	51.135	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	1475751	47.788	ng	98
62) 4-Nitroaniline	15.528	138	739375	60.078	ng	93
63) Azobenzene	15.816	77	3485962	46.384	ng	96
65) 4,6-Dinitro-2-methylph...	15.592	198	459138	67.203	ng	98
66) n-Nitrosodiphenylamine	15.734	169	2681151	50.715	ng	99
67) 4-Bromophenyl-phenylether	16.434	248	1018508	48.782	ng	98
68) Hexachlorobenzene	16.551	284	1180160	47.831	ng	96
69) Atrazine	16.710	200	944488	52.035	ng	99
70) Pentachlorophenol	16.904	266	1577528	117.140	ng	99
71) Phenanthrene	17.304	178	5087653	53.625	ng	100
72) Anthracene	17.392	178	5059880	54.381	ng	99
73) Carbazole	17.675	167	4870735	54.319	ng	99
74) Di-n-butylphthalate	18.275	149	5694915	51.713	ng	100
75) Fluoranthene	19.392	202	6486619	55.723	ng	99
77) Benzidine	19.586	184	1732804	39.206	ng	100
78) Pyrene	19.769	202	6684541	53.919	ng	99
80) Butylbenzylphthalate	20.722	149	2710680	56.889	ng	96
81) Benzo(a)anthracene	21.710	228	6582900	55.287	ng	99
82) 3,3'-Dichlorobenzidine	21.627	252	1922301	50.353	ng	99
83) Chrysene	21.780	228	6142768	54.642	ng	100
84) Bis(2-ethylhexyl)phtha...	21.669	149	4057703	57.659	ng	100
85) Di-n-octyl phthalate	22.986	149	7034712	56.009	ng	97
87) Indeno(1,2,3-cd)pyrene	29.103	276	8742596	56.905	ng	# 93
88) Benzo(b)fluoranthene	24.092	252	7214997	53.004	ng	99
89) Benzo(k)fluoranthene	24.163	252	6709229	50.526	ng	100
90) Benzo(a)pyrene	25.015	252	6651373	56.307	ng	99
91) Dibenzo(a,h)anthracene	29.180	278	6899043	54.045	ng	99
92) Benzo(g,h,i)perylene	30.303	276	6809245	53.220	ng	99

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

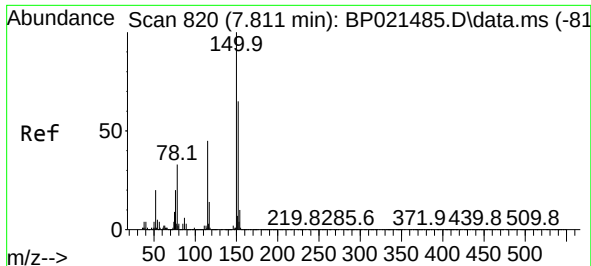
Instrument :
BNA_P
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Abundance

TIC: BP021584.D\data.ms

Time-->

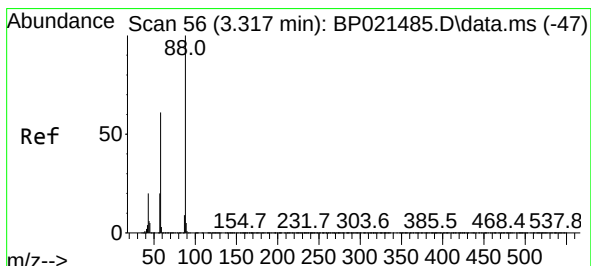
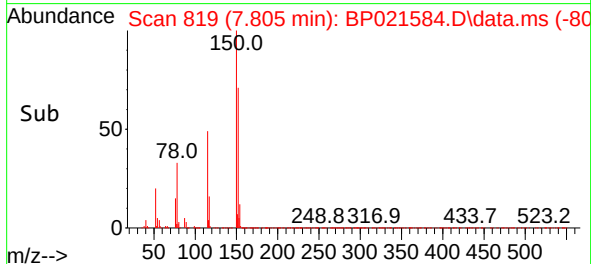
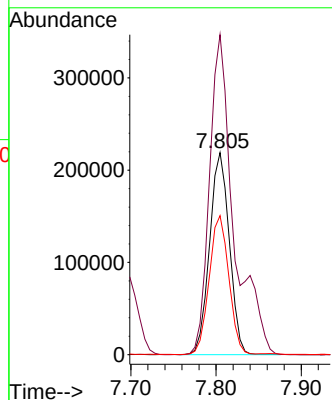
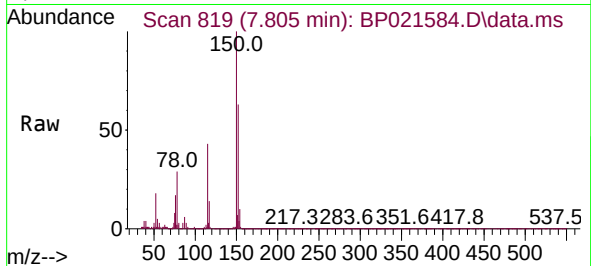
1.4-Dioxane
n-Nitrosophenylamine,
Phenol
Benzaldehyde
Aniline
bis(2-Chlorophenyl)ether
Phenol-C
Phenol-d6,S
1,4-Dichlorobenzene-d4,3-Dichlorobenzene,C
1,4-Dichlorobenzene
2,2'-oxybis(1-Chlorobenzene)
2,2'-oxybis(1-Chlorobenzene)-S
4-Nitrophenylamine,P
4-Nitrophenylamine
Nitrophenylamine,S
Isophorone
2-Nitrophenol
2-Nitrophenol-C
bis(2-Chlorophenyl)methane
Benzic acid
1,2,4-Trichlorobenzene
Naphthalene
4-Chlorophenol
Hexachlorobutadiene,C
Caprolactam
4-Chloro-3-methylphenol,C
2-Methylnaphthalene
1,2,4-Trichlorobenzene
2,4,5-Trichlorophenol,C
2,4,6-Trichlorophenol,C
2-Chloronaphthalene
2-Nitroaniline
Dimethylphthalate
2,5-Dinitroaniline
3-Nitrophenol
Acenaphthylene
Acenaphthene,P
Benzoturan
2,3,4,6-Tetrachlorophenol
Diethylphthalate
4,6-Dinitro-2-methylphenol
2,4,6-Trinitrophenol
4-Nitrophenyl-Nitrosodiphenylamine,C
4-Nitrophenyl ether
4-Nitrophenyl ether
Pentachlorophenol,C
Anthracene
Carbazole
Di-n-butylphthalate
Fluoranthene,C
Pyrene
Terphenyl-d14,S
Butylbenzylphthalate
2,2-Dichlorobenzidine
2,2-Dichlorobenzidine
Di-n-octyl phthalate,c
Benzo(b)fluoranthene
Benzo(a)pyrene,C
Perylene-d12,1
Indeno(1,2,3-cd)pyrene
Benzo(a,h)perylene
Benzo(g,h,i)perylene



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021584.D
 Acq: 20 Aug 2024 23:10

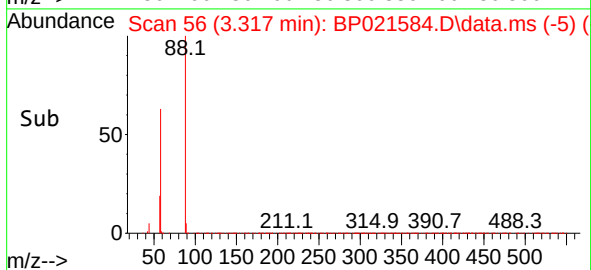
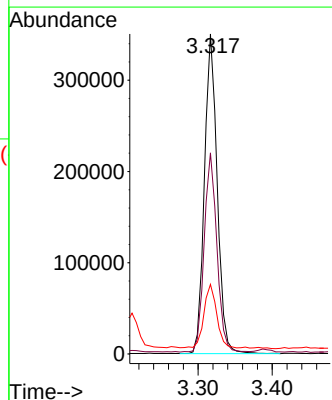
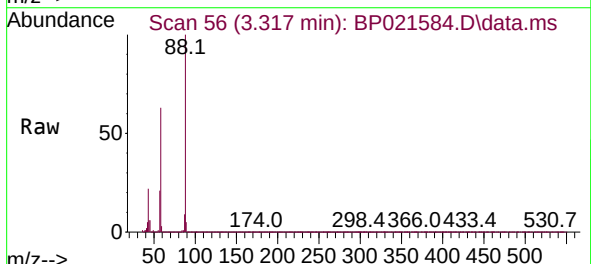
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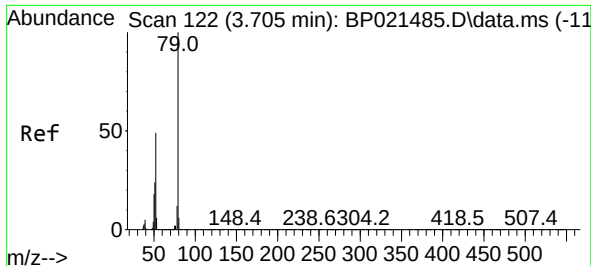
Tgt Ion:152 Resp: 352459
 Ion Ratio Lower Upper
 152 100
 150 158.3 122.4 183.6
 115 68.8 54.7 82.1



#2
 1,4-Dioxane
 Concen: 37.413 ng
 RT: 3.317 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: BP021584.D
 Acq: 20 Aug 2024 23:10

Tgt Ion: 88 Resp: 421089
 Ion Ratio Lower Upper
 88 100
 58 61.9 48.7 73.1
 43 19.6 15.4 23.2





#3

Pyridine

Concen: 37.915 ng

RT: 3.711 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP021584.D

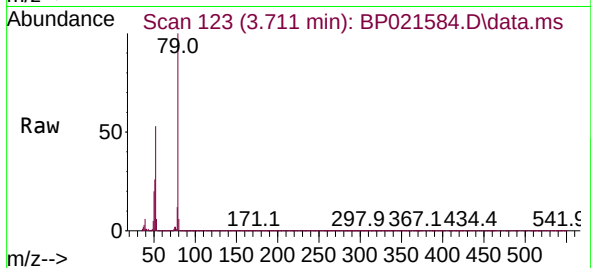
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Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS



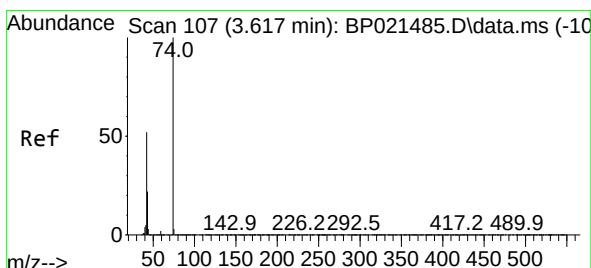
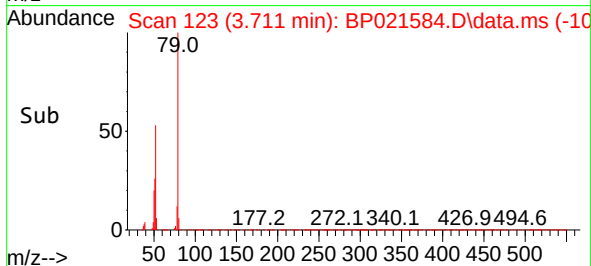
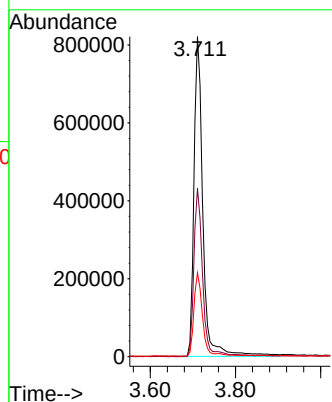
Tgt Ion: 79 Resp: 1191272

Ion	Ratio	Lower	Upper
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79	100		
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52	52.6	39.0	58.6
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51	26.2	19.2	28.8
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#4

n-Nitrosodimethylamine

Concen: 47.517 ng

RT: 3.617 min Scan# 107

Delta R.T. -0.000 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

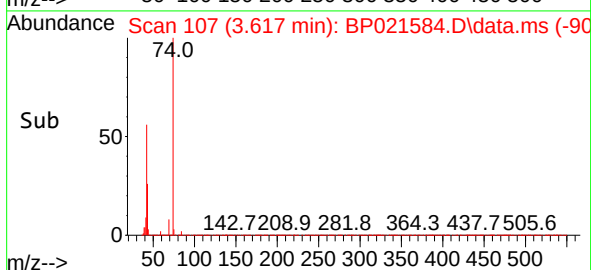
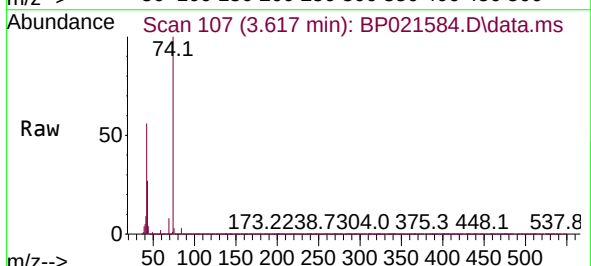
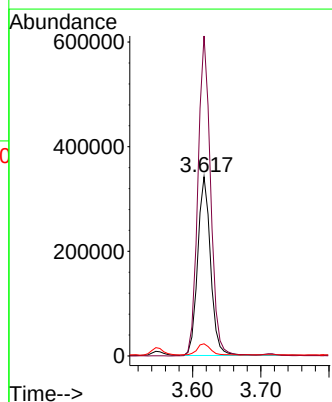
Tgt Ion: 42 Resp: 448743

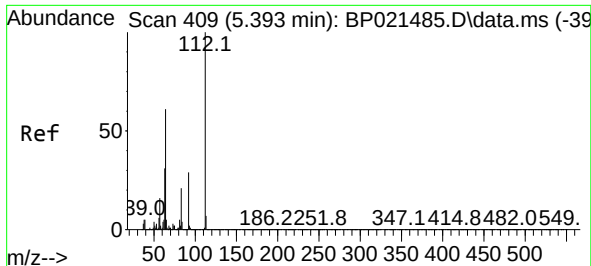
Ion	Ratio	Lower	Upper
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42	100		
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74	178.6	154.3	231.5
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44	6.8	6.2	9.4
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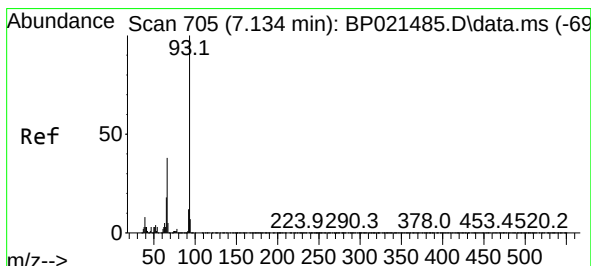
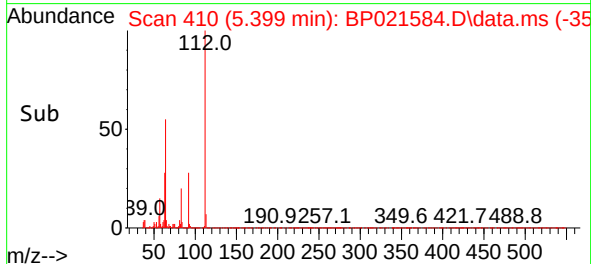
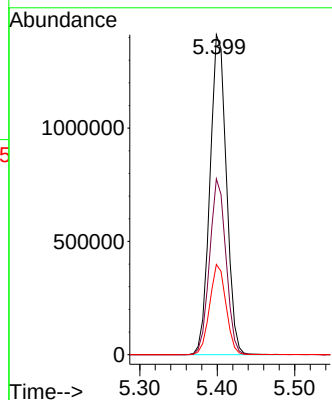
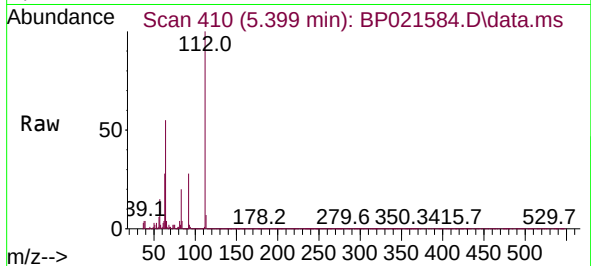




#5
2-Fluorophenol
Concen: 87.743 ng
RT: 5.399 min Scan# 411
Delta R.T. 0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

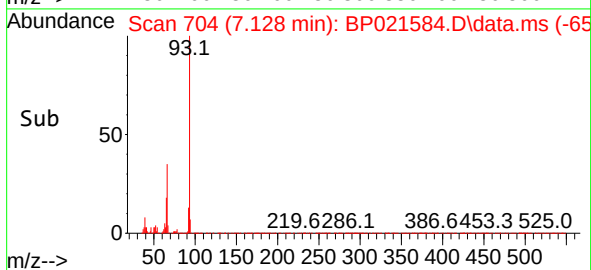
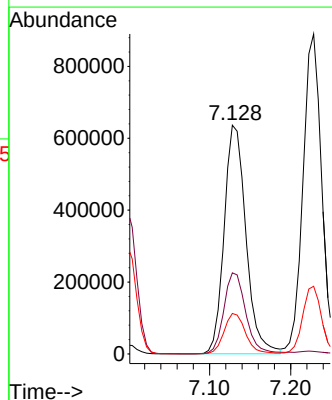
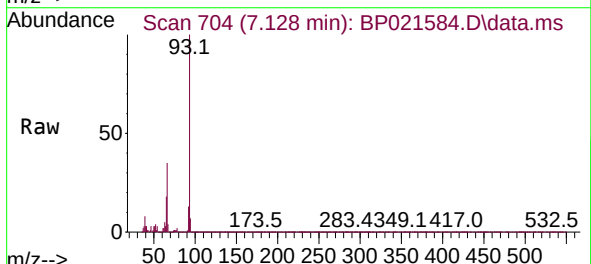
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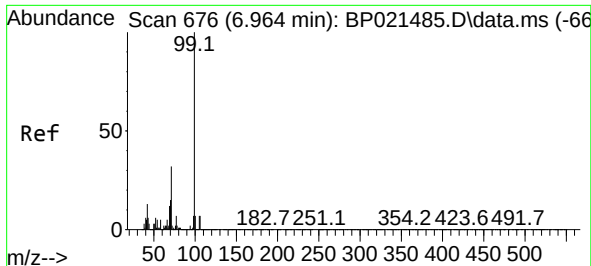
Tgt Ion:112 Resp: 2082732
Ion Ratio Lower Upper
112 100
64 55.0 49.0 73.6
63 28.2 24.6 36.8



#6
Aniline
Concen: 34.358 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion: 93 Resp: 1189373
Ion Ratio Lower Upper
93 100
66 35.4 30.2 45.2
65 17.7 14.7 22.1





#7

Phenol-d6

Concen: 85.618 ng

RT: 6.975 min Scan# 61

Delta R.T. 0.012 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Instrument :

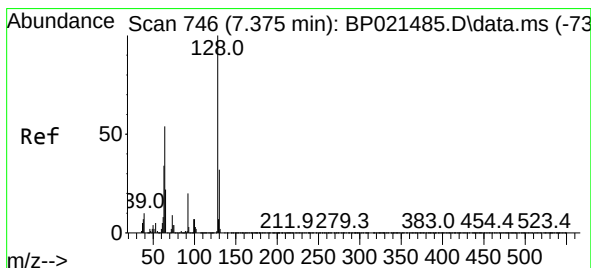
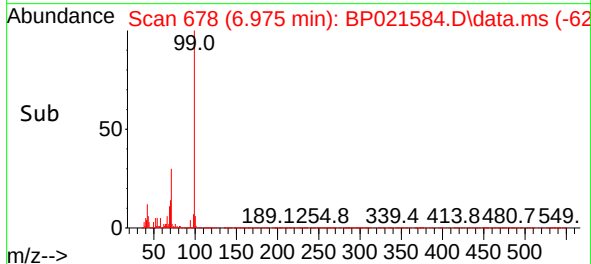
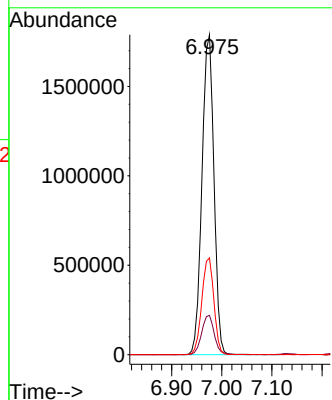
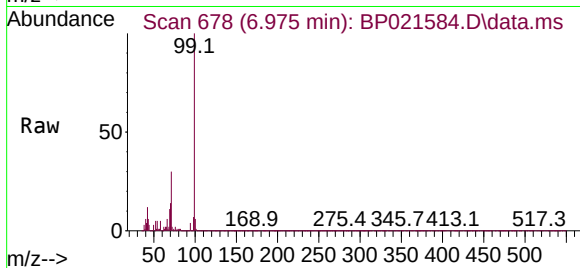
BNA_P

ClientSampleId :

OU4-TS-08-080724MS

Tgt Ion: 99 Resp: 2964656

Ion	Ratio	Lower	Upper
99	100		
42	12.3	10.2	15.4
71	30.3	25.8	38.8



#8

2-Chlorophenol

Concen: 56.936 ng

RT: 7.375 min Scan# 746

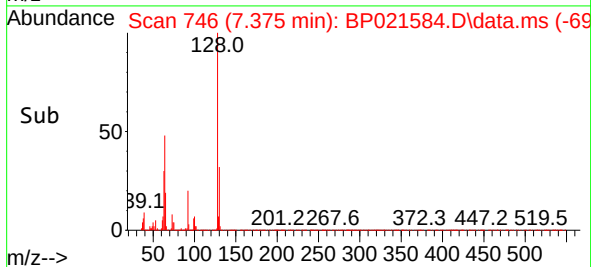
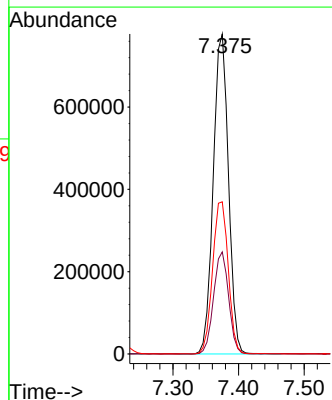
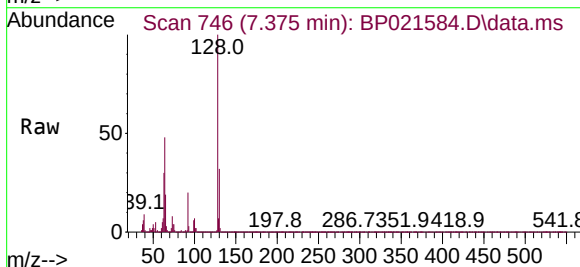
Delta R.T. -0.000 min

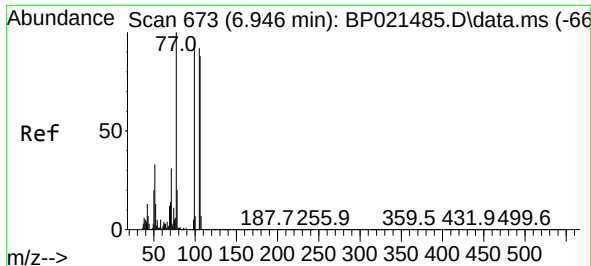
Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Tgt Ion:128 Resp: 1248927

Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.6	51.6
64	47.6	35.3	75.3

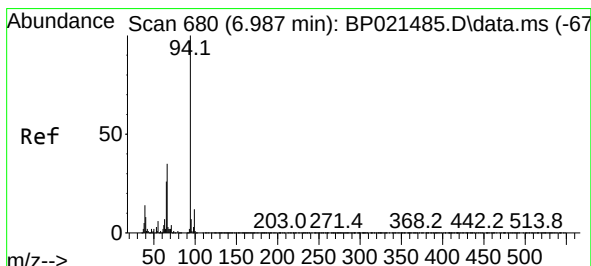
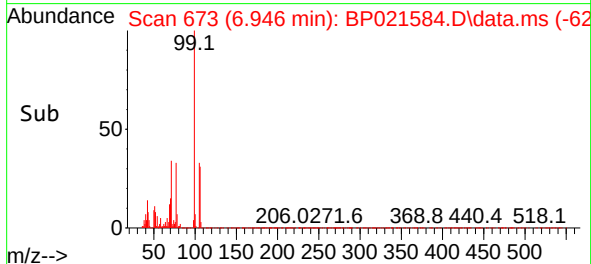
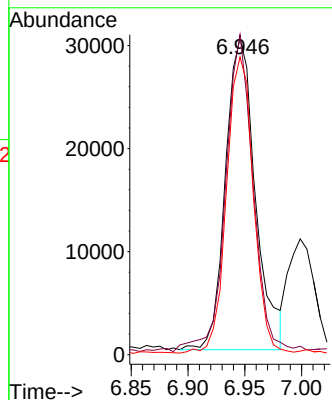
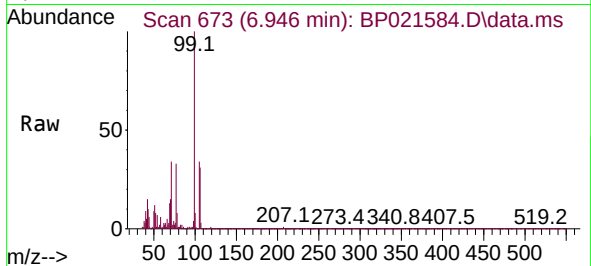




#9
Benzaldehyde
Concen: 2.500 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

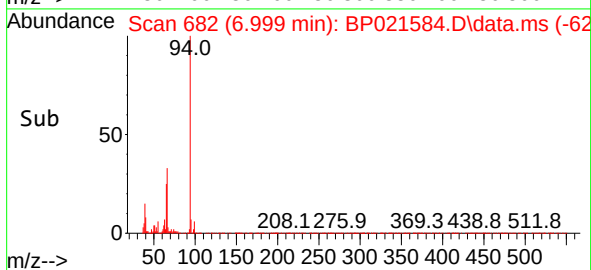
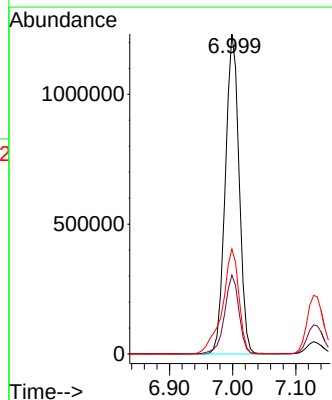
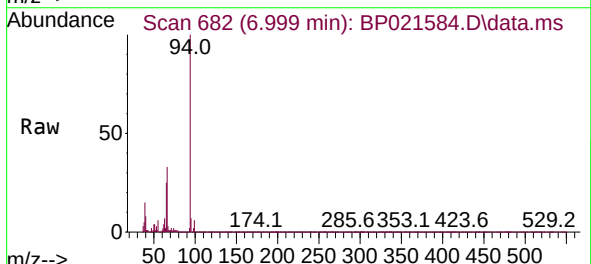
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

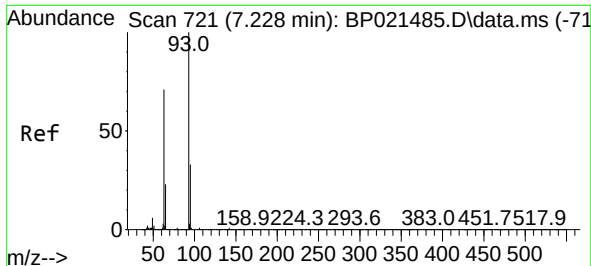
Tgt Ion: 77 Resp: 55434
Ion Ratio Lower Upper
77 100
105 101.2 72.1 112.1
106 94.2 67.9 107.9



#10
Phenol
Concen: 52.016 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion: 94 Resp: 1865142
Ion Ratio Lower Upper
94 100
65 24.6 6.5 46.5
66 32.8 14.7 54.7

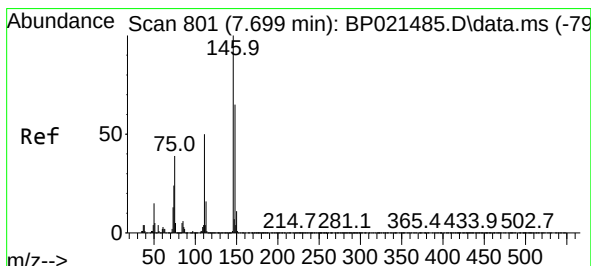
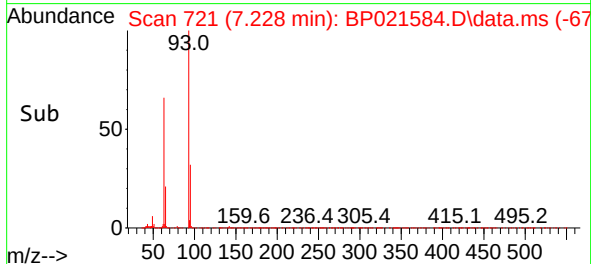
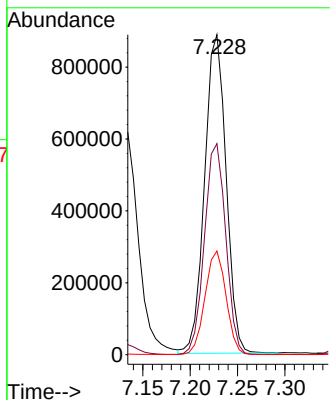
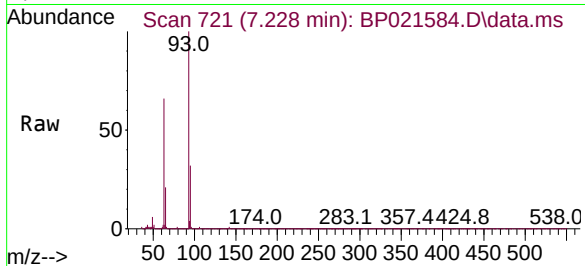




#11
bis(2-Chloroethyl)ether
Concen: 46.001 ng
RT: 7.228 min Scan# 721
Delta R.T. -0.000 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

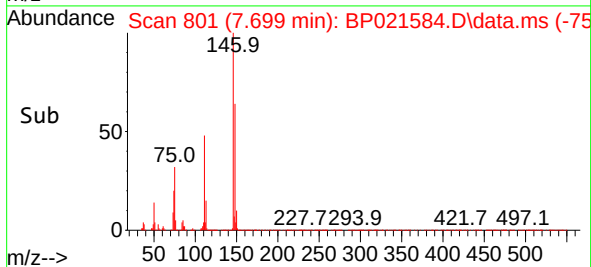
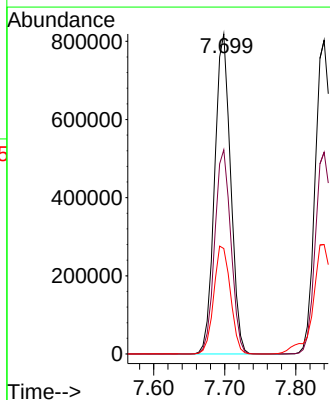
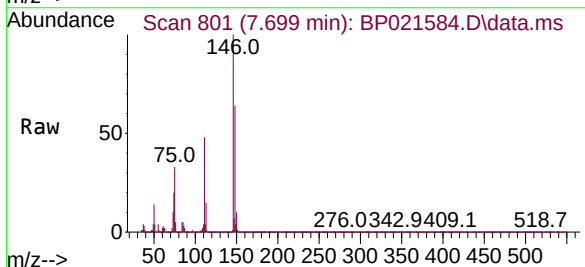
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

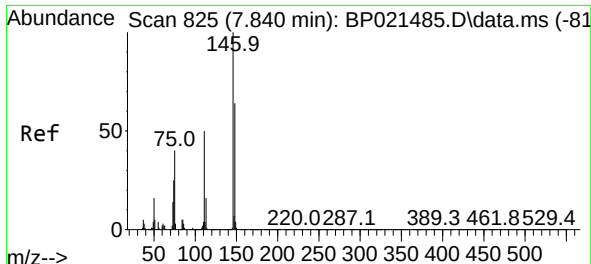
Tgt Ion: 93 Resp: 1395710
Ion Ratio Lower Upper
93 100
63 65.9 51.0 91.0
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 49.036 ng
RT: 7.699 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:146 Resp: 1277671
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
75 32.9 31.3 46.9

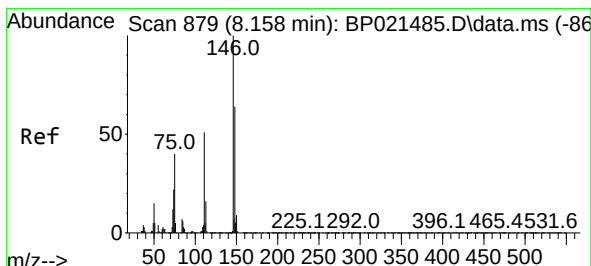
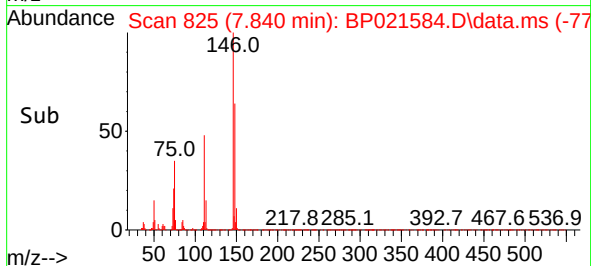
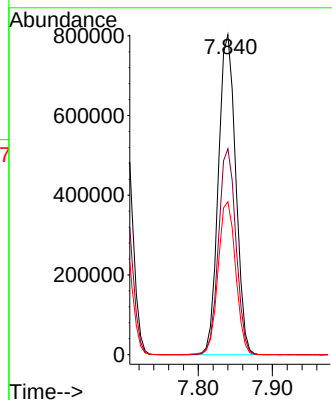
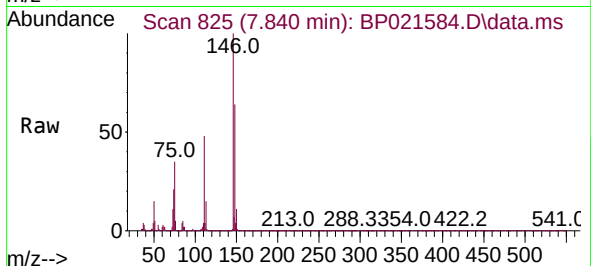




#13
1,4-Dichlorobenzene
Concen: 49.550 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

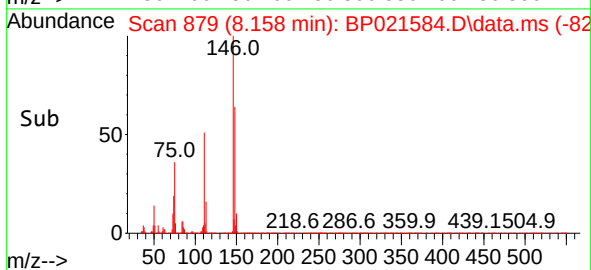
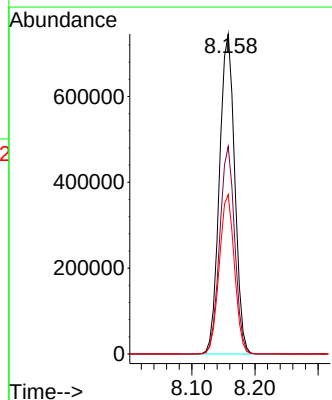
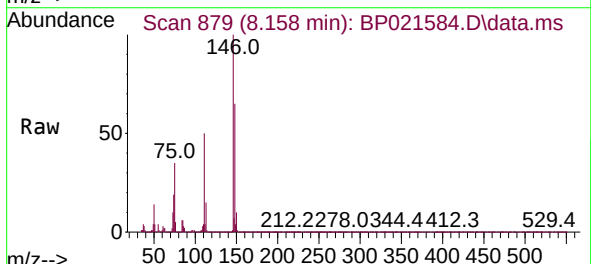
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

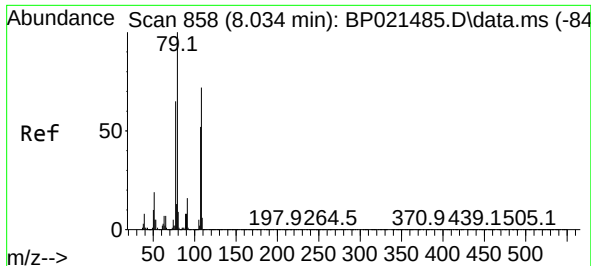
Tgt Ion:146 Resp: 1303689
Ion Ratio Lower Upper
146 100
148 64.3 51.5 77.3
111 47.8 40.3 60.5



#14
1,2-Dichlorobenzene
Concen: 49.418 ng
RT: 8.158 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:146 Resp: 1252985
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 49.8 41.1 61.7

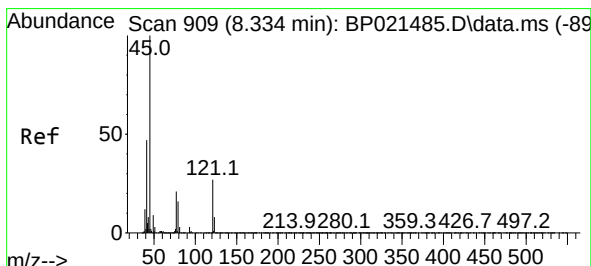
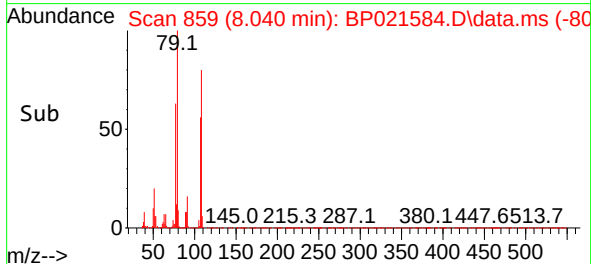
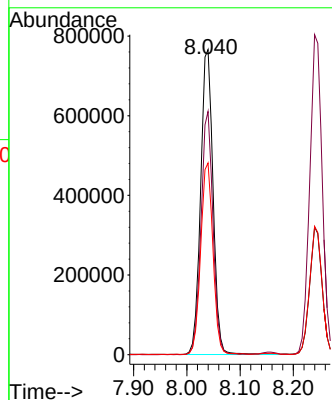
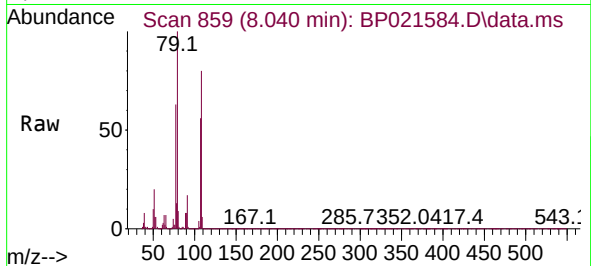




#15
Benzyl Alcohol
Concen: 49.771 ng
RT: 8.040 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

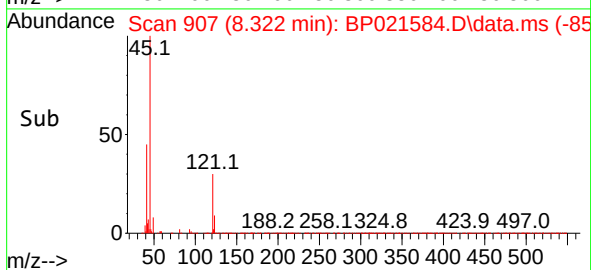
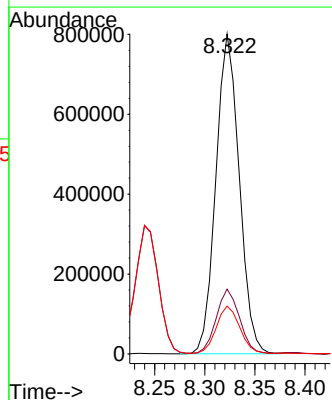
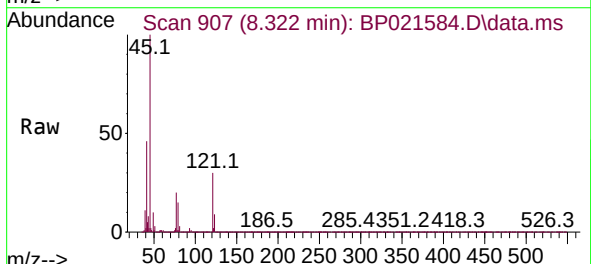
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

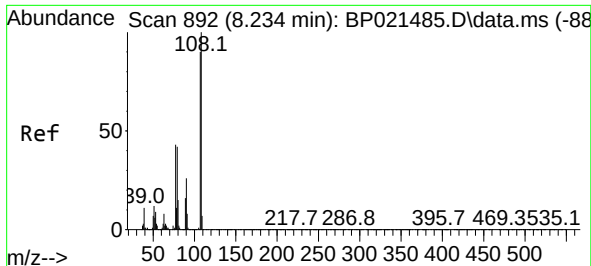
Tgt Ion: 79 Resp: 1236553
Ion Ratio Lower Upper
79 100
108 79.7 57.9 86.9
77 62.8 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.377 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion: 45 Resp: 1295806
Ion Ratio Lower Upper
45 100
77 20.3 1.9 41.9
79 15.0 0.0 36.6



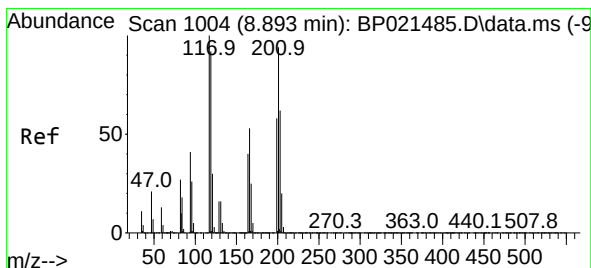
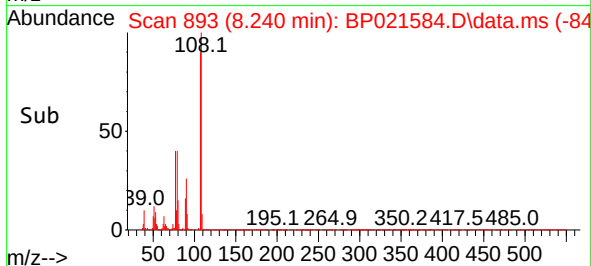
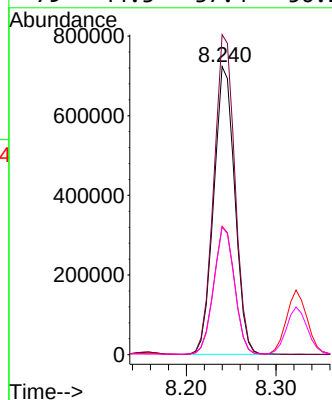
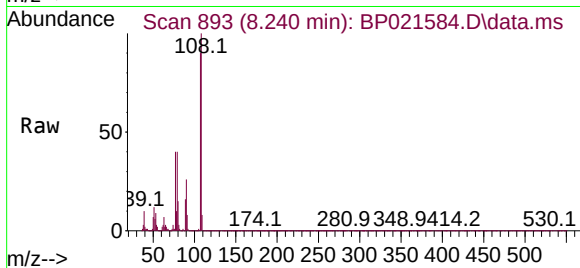


#17
2-Methylphenol
Concen: 51.936 ng
RT: 8.240 min Scan# 892
Delta R.T. 0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

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

Tgt Ion:107 Resp: 1177304

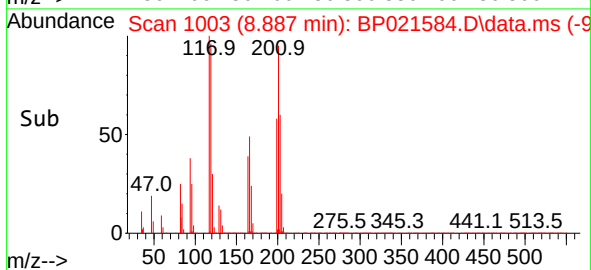
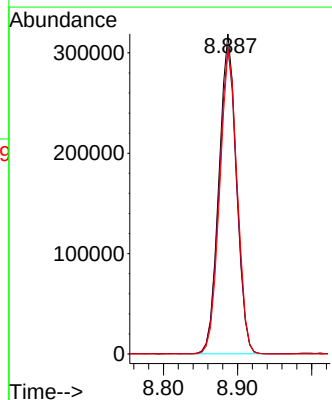
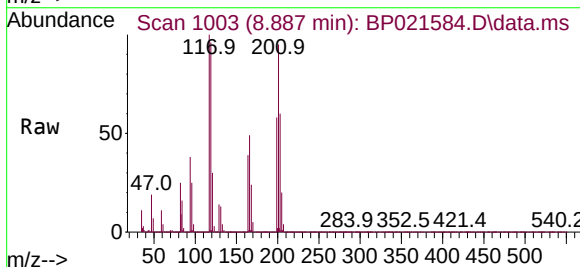
Ion	Ratio	Lower	Upper
107	100		
108	111.0	88.8	133.2
77	44.5	38.7	58.1
79	44.3	37.4	56.2

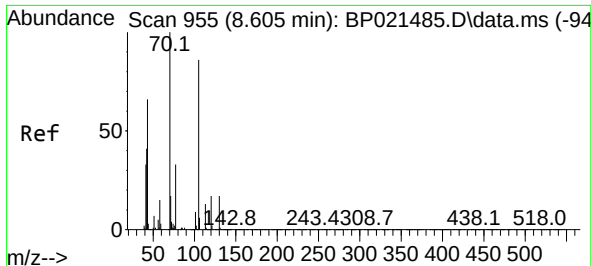


#18
Hexachloroethane
Concen: 49.791 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:117 Resp: 525329

Ion	Ratio	Lower	Upper
117	100		
119	96.1	73.9	110.9
201	94.6	74.9	112.3



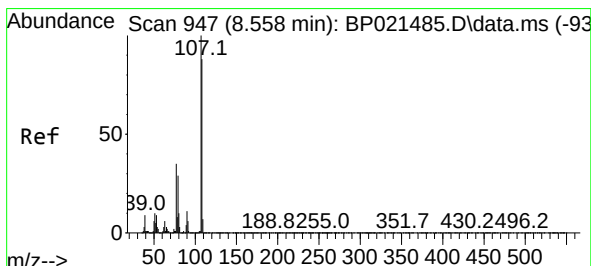
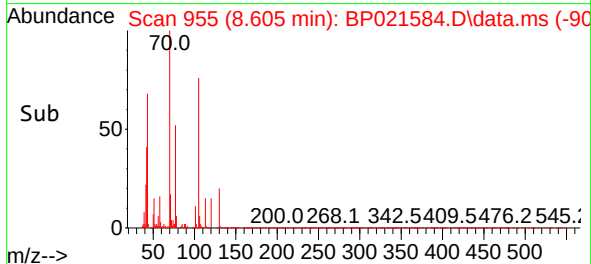
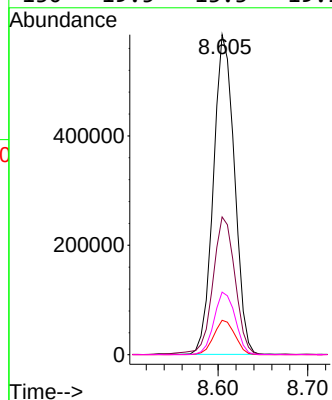
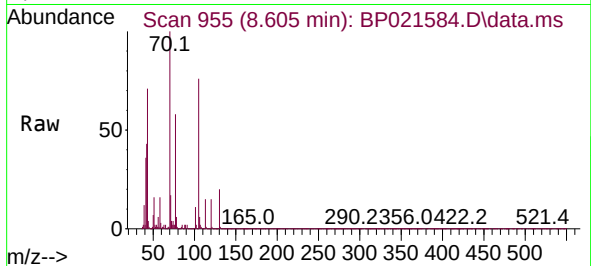


#19
n-Nitroso-di-n-propylamine
Concen: 39.779 ng
RT: 8.605 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

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

Tgt Ion: 70 Resp: 951483

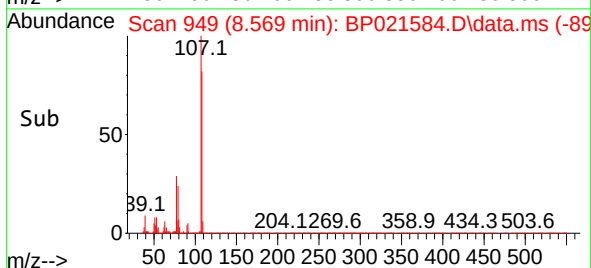
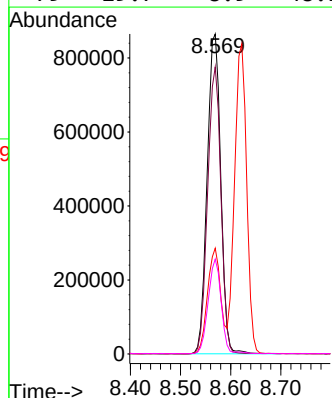
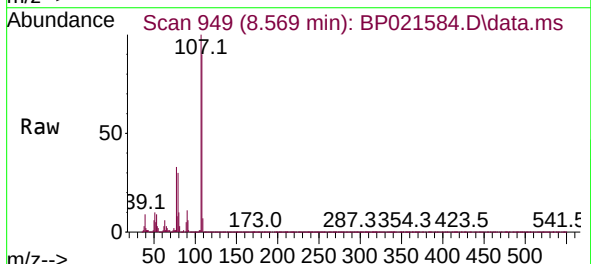
Ion	Ratio	Lower	Upper
70	100		
42	43.0	33.1	49.7
101	10.8	7.4	11.2
130	19.5	13.3	19.9

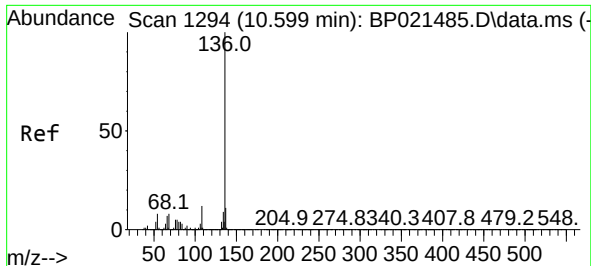


#20
3+4-Methylphenols
Concen: 53.257 ng
RT: 8.569 min Scan# 949
Delta R.T. 0.012 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion: 107 Resp: 1627837

Ion	Ratio	Lower	Upper
107	100		
108	89.7	67.6	107.6
77	33.0	15.0	55.0
79	29.7	8.9	48.9

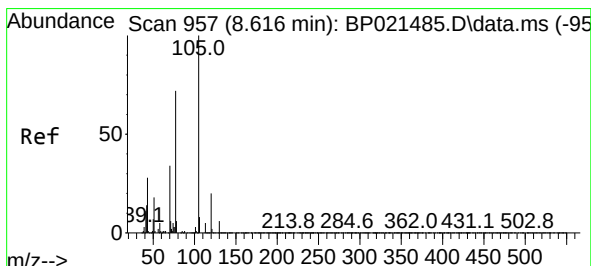
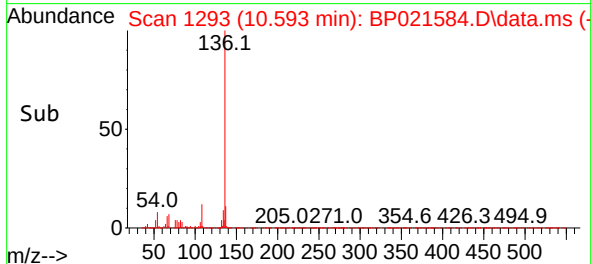
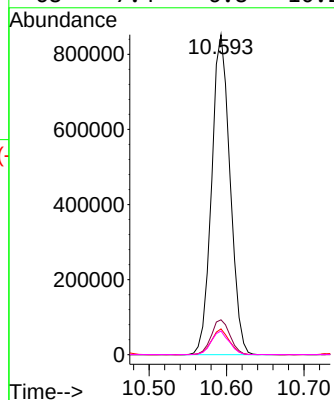
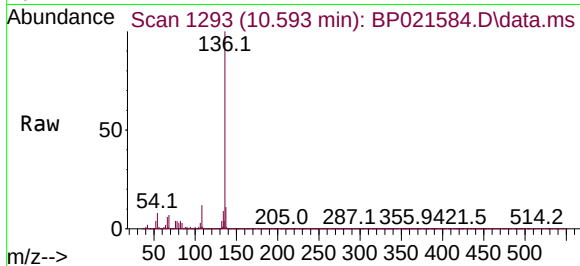




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

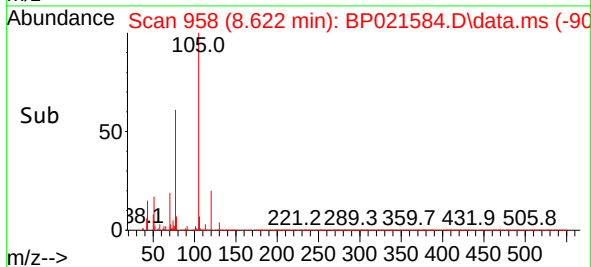
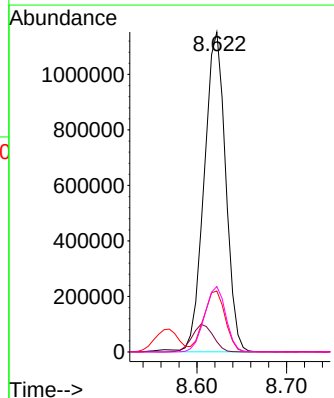
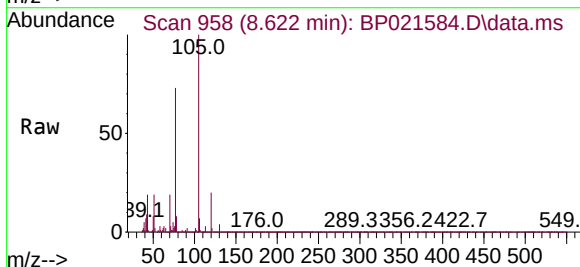
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

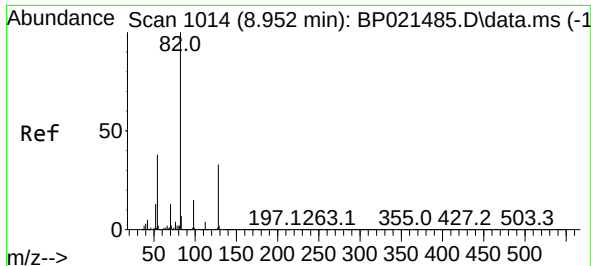
Tgt Ion:136 Resp: 1409669
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.0 6.3 9.5
68 7.4 6.8 10.2



#22
Acetophenone
Concen: 43.977 ng
RT: 8.622 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:105 Resp: 1904489
Ion Ratio Lower Upper
105 100
71 3.2 4.6 7.0#
51 19.0 16.3 24.5
120 20.4 16.2 24.2

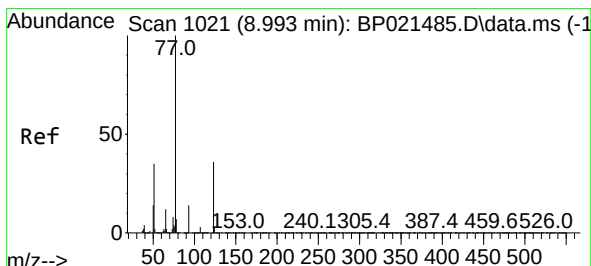
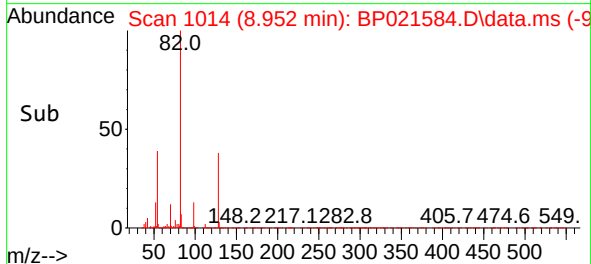
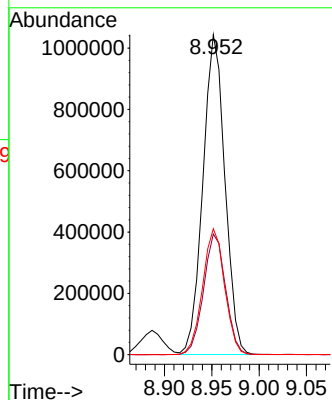
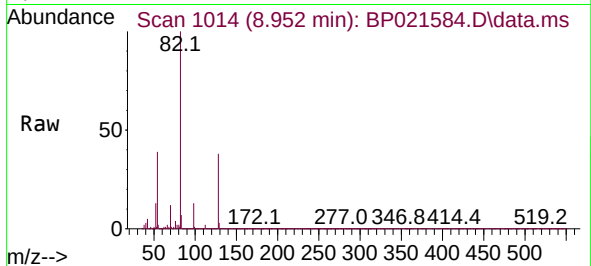




#23
Nitrobenzene-d5
Concen: 61.450 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

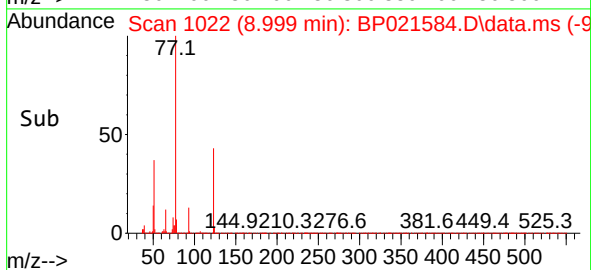
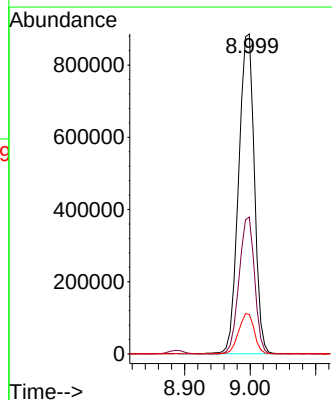
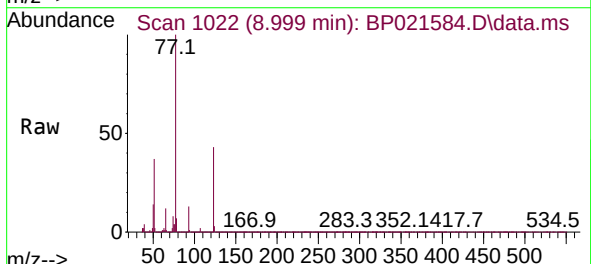
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

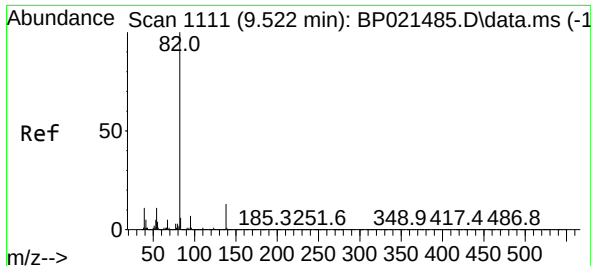
Tgt Ion: 82 Resp: 1678266
Ion Ratio Lower Upper
82 100
128 37.7 26.5 39.7
54 39.3 30.3 45.5



#24
Nitrobenzene
Concen: 49.892 ng
RT: 8.999 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion: 77 Resp: 1479932
Ion Ratio Lower Upper
77 100
123 42.8 29.5 44.3
65 12.4 9.9 14.9

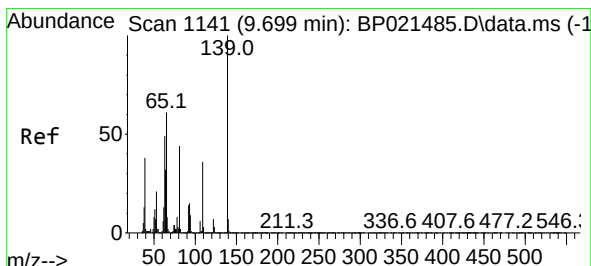
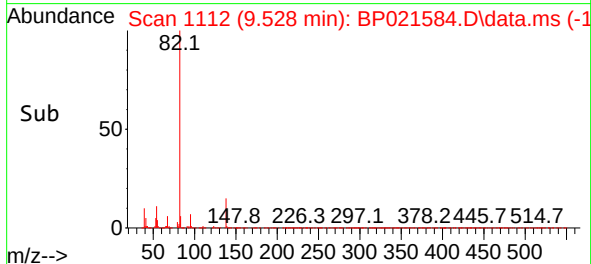
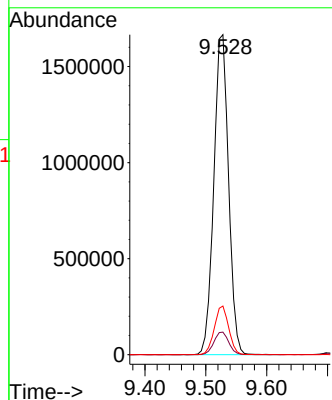
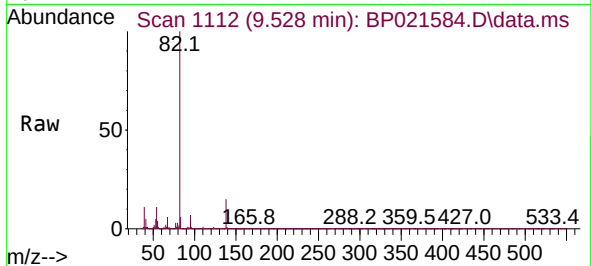




#25
Isophorone
Concen: 43.382 ng
RT: 9.528 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

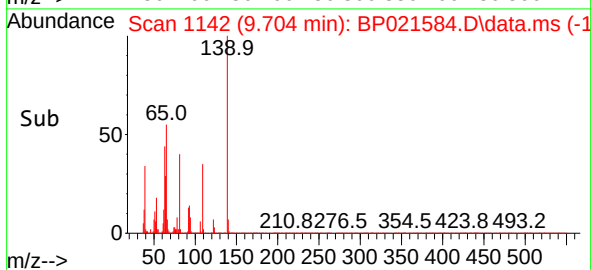
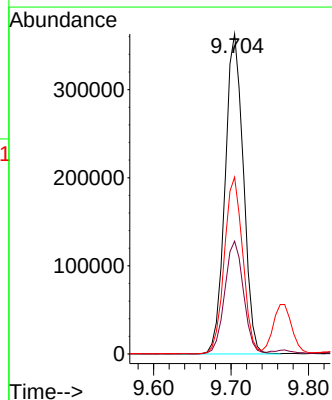
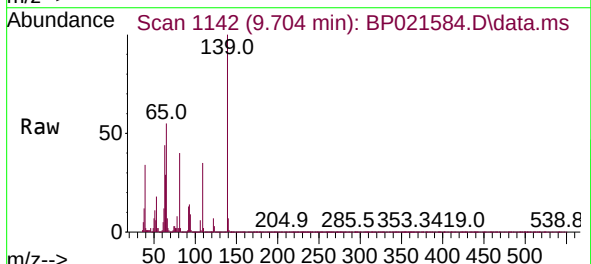
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

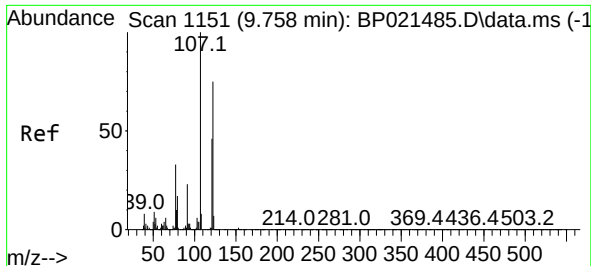
Tgt Ion: 82 Resp: 2799065
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 15.2 10.6 16.0



#26
2-Nitrophenol
Concen: 66.329 ng
RT: 9.704 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion: 139 Resp: 596197
Ion Ratio Lower Upper
139 100
109 35.2 28.9 43.3
65 55.3 49.0 73.6





#27

2,4-Dimethylphenol

Concen: 57.112 ng

RT: 9.769 min Scan# 1151

Delta R.T. 0.012 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

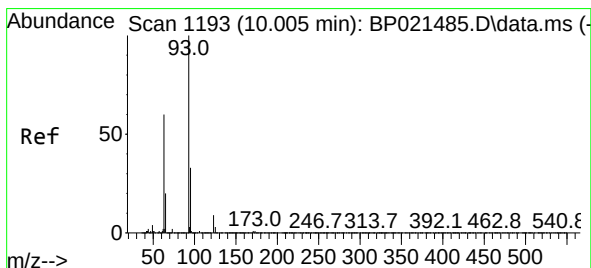
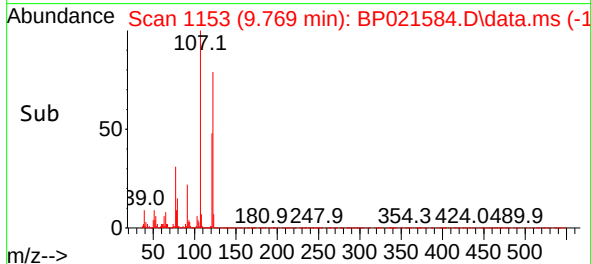
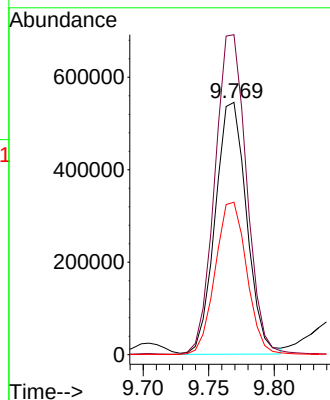
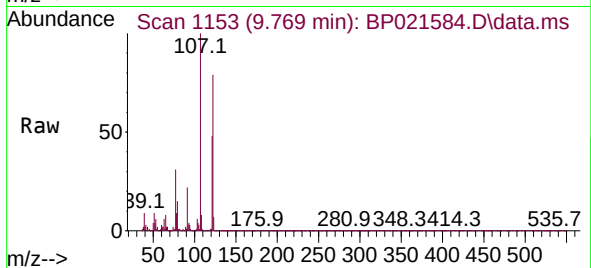
Tgt Ion:122 Resp: 909389

Ion Ratio Lower Upper

122 100

107 126.9 106.2 159.4

121 60.5 48.8 73.2



#28

bis(2-Chloroethoxy)methane

Concen: 45.468 ng

RT: 10.004 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

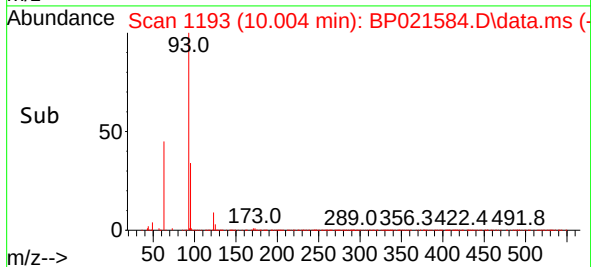
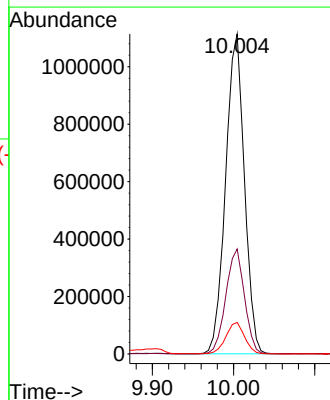
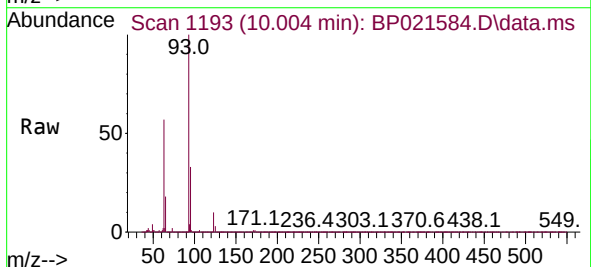
Tgt Ion: 93 Resp: 1790734

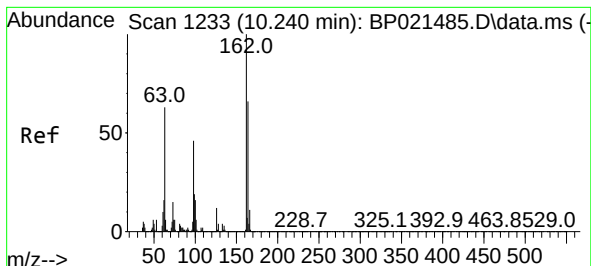
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 9.9 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 60.339 ng

RT: 10.240 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

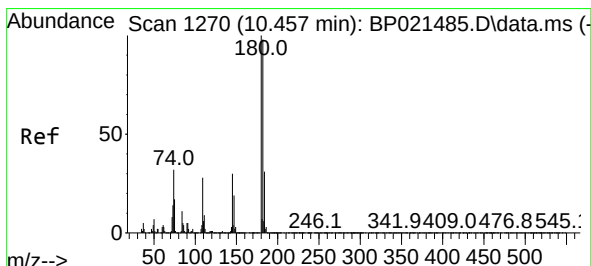
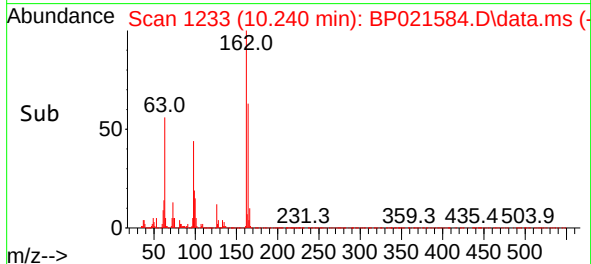
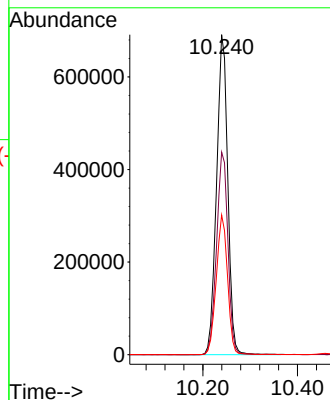
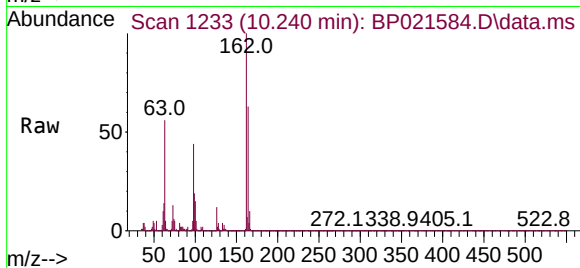
Tgt Ion:162 Resp: 1135190

Ion Ratio Lower Upper

162 100

164 63.3 45.9 85.9

98 43.7 26.3 66.3



#30

1,2,4-Trichlorobenzene

Concen: 48.894 ng

RT: 10.457 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

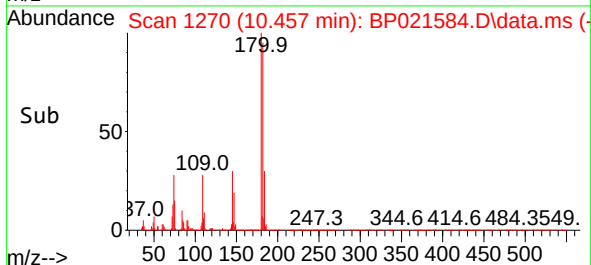
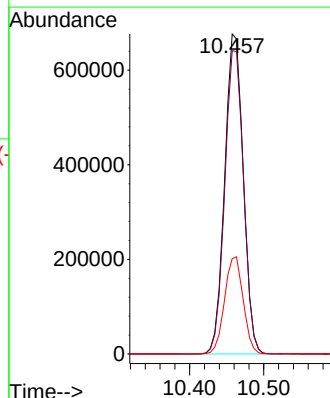
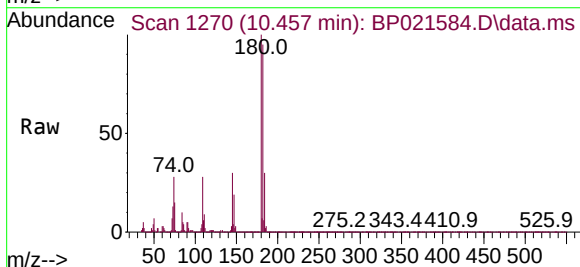
Tgt Ion:180 Resp: 1179340

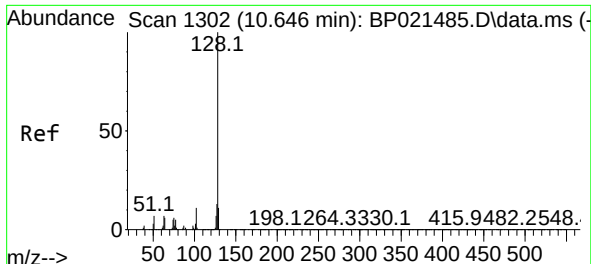
Ion Ratio Lower Upper

180 100

182 94.8 78.3 117.5

145 29.8 24.0 36.0

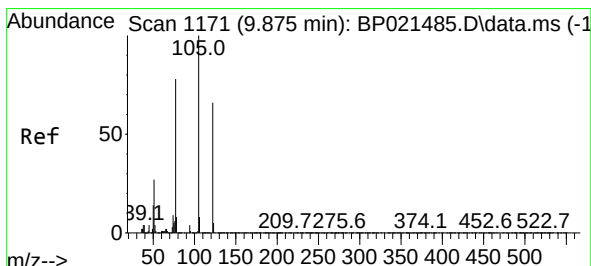
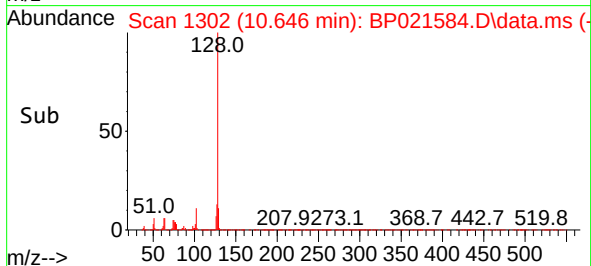
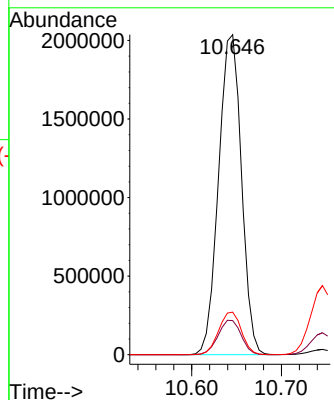
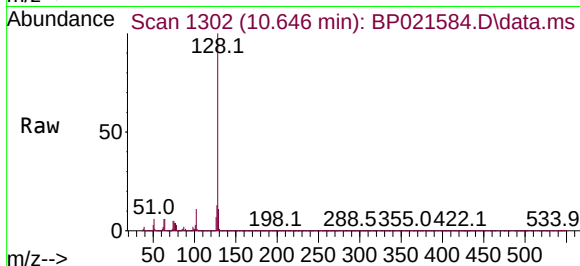




#31
Naphthalene
Concen: 48.920 ng
RT: 10.646 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

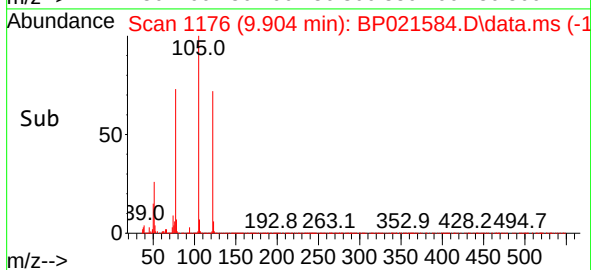
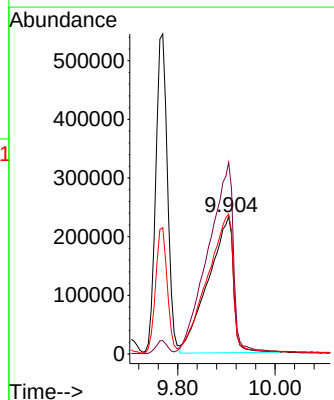
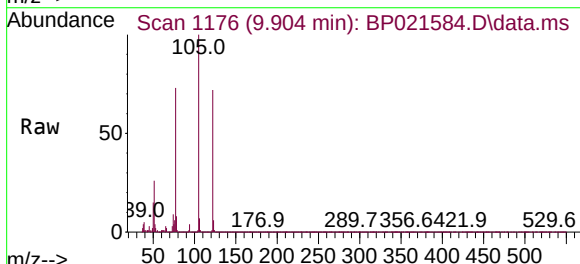
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

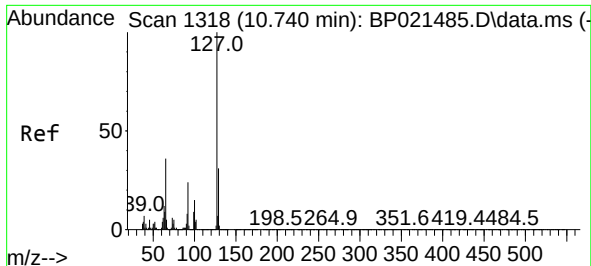
Tgt Ion:128 Resp: 3602553
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 68.051 ng
RT: 9.904 min Scan# 1176
Delta R.T. 0.029 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:122 Resp: 832446
Ion Ratio Lower Upper
122 100
105 139.7 124.6 164.6
77 101.9 96.2 136.2

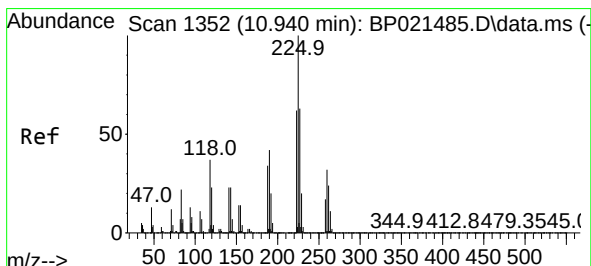
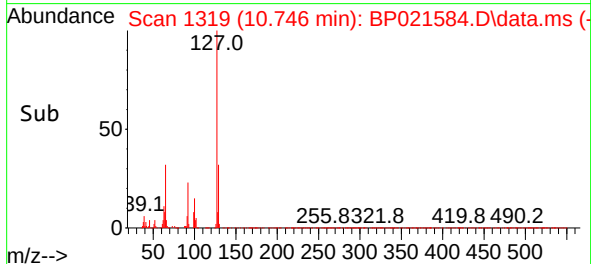
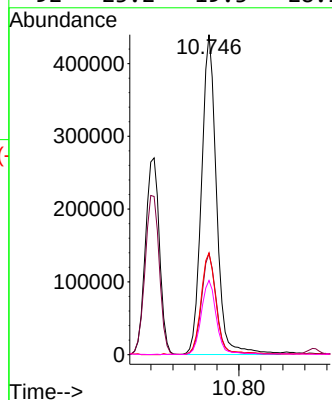
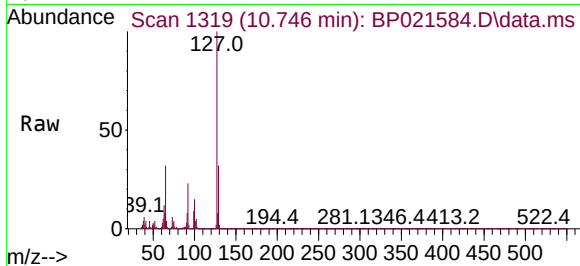




#33
4-Chloroaniline
Concen: 30.119 ng
RT: 10.746 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

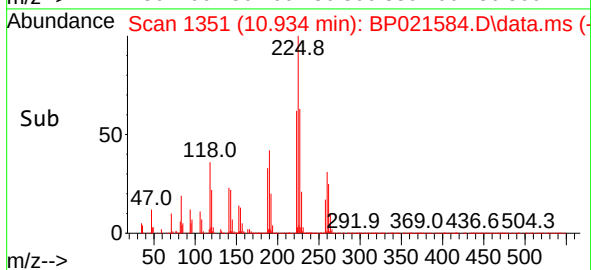
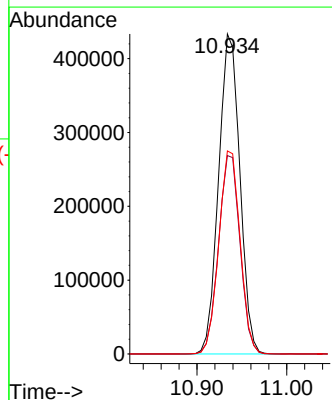
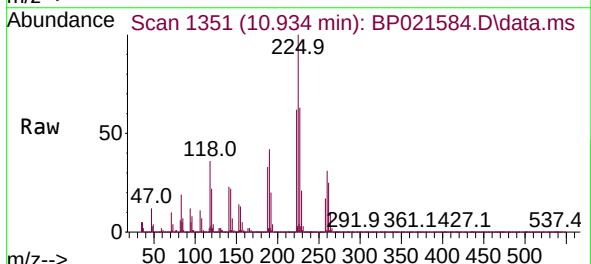
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

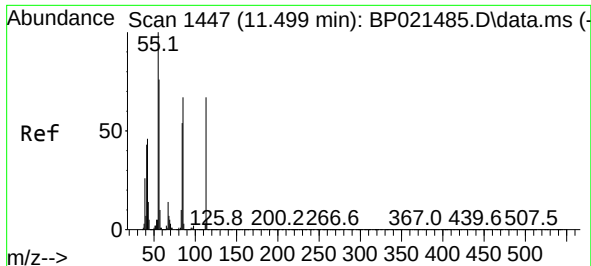
Tgt Ion:	127	Resp:	833151
Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.5	36.7
65	31.8	28.9	43.3
92	23.2	19.3	28.9



#34
Hexachlorobutadiene
Concen: 46.941 ng
RT: 10.934 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:	225	Resp:	712895
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.6	74.4
227	63.4	50.1	75.1

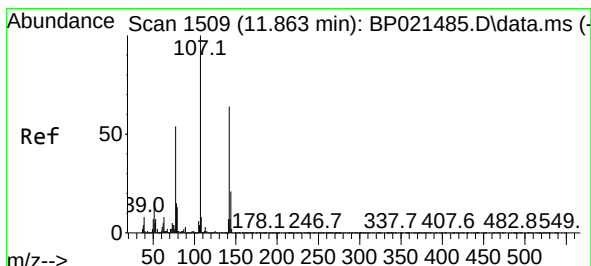
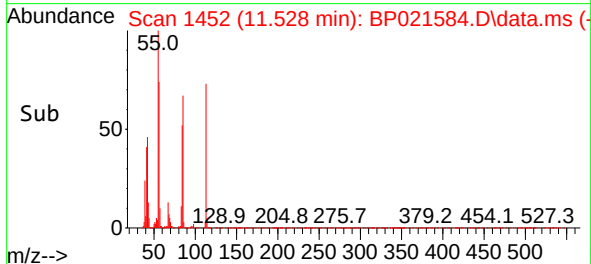
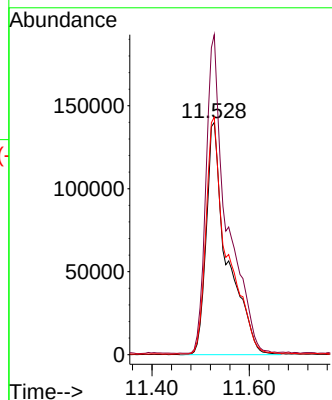
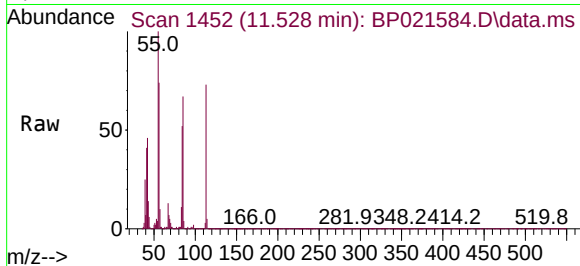




#35
Caprolactam
Concen: 52.945 ng
RT: 11.528 min Scan# 1447
Delta R.T. 0.029 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

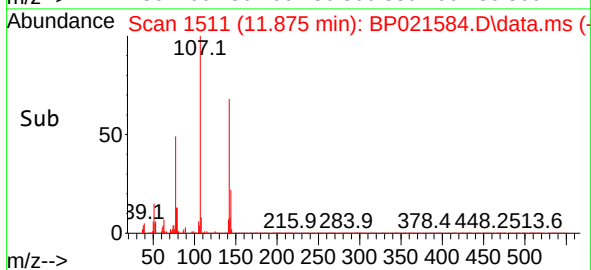
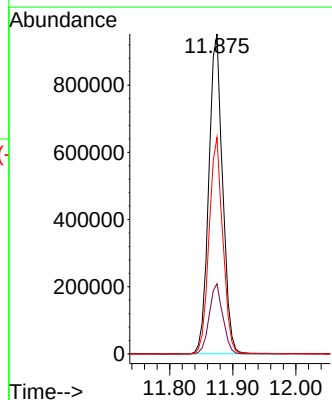
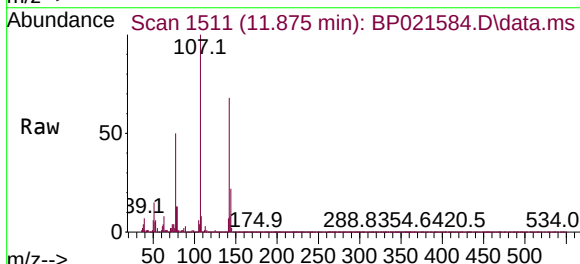
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

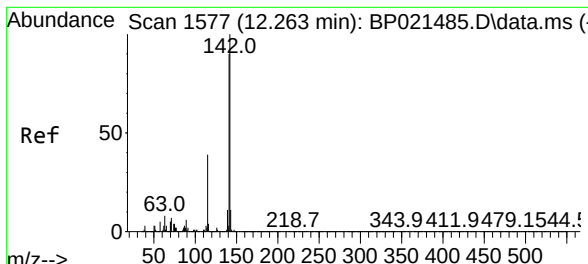
Tgt Ion:113 Resp: 414603
Ion Ratio Lower Upper
113 100
55 137.8 130.6 170.6
56 102.3 94.6 134.6



#36
4-Chloro-3-methylphenol
Concen: 55.545 ng
RT: 11.875 min Scan# 1511
Delta R.T. 0.012 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:107 Resp: 1449587
Ion Ratio Lower Upper
107 100
144 22.0 16.6 24.8
142 67.7 51.0 76.4



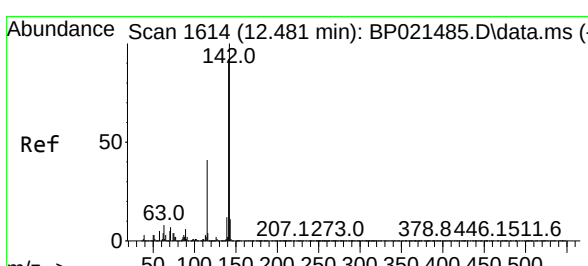
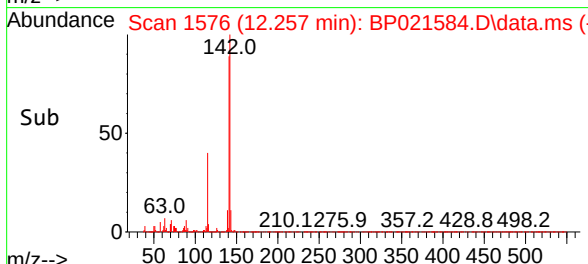
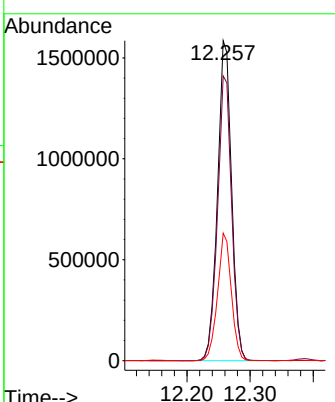
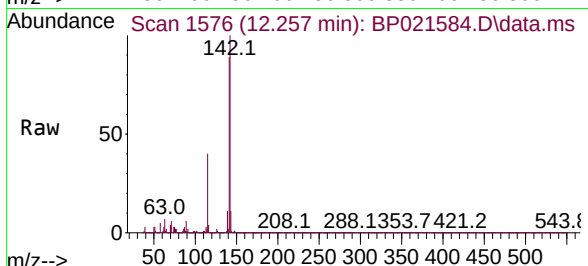


#37
 2-Methylnaphthalene
 Concen: 48.669 ng
 RT: 12.257 min Scan# 1576
 Delta R.T. -0.006 min
 Lab File: BP021584.D
 Acq: 20 Aug 2024 23:10

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

Tgt Ion:142 Resp: 2446091

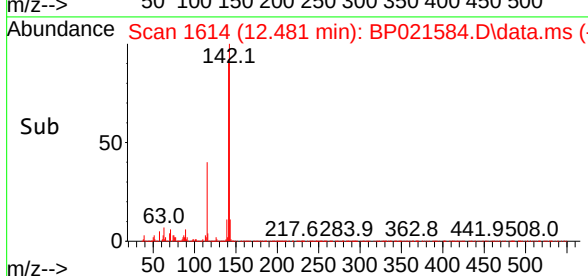
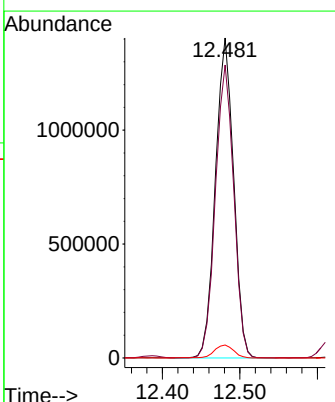
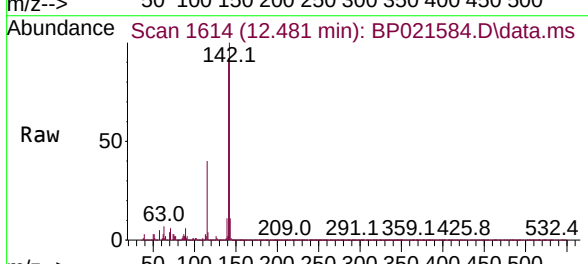
Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.7	107.5
115	39.8	31.4	47.2

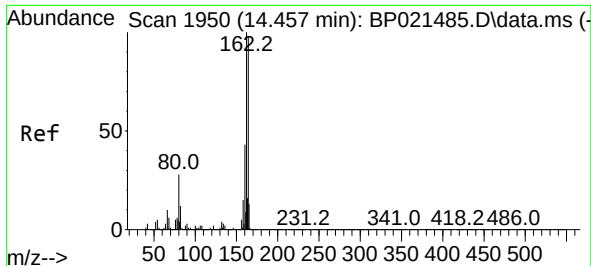


#38
 1-Methylnaphthalene
 Concen: 46.182 ng
 RT: 12.481 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: BP021584.D
 Acq: 20 Aug 2024 23:10

Tgt Ion:142 Resp: 2289218

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.5	110.3
116	4.1	3.4	5.2

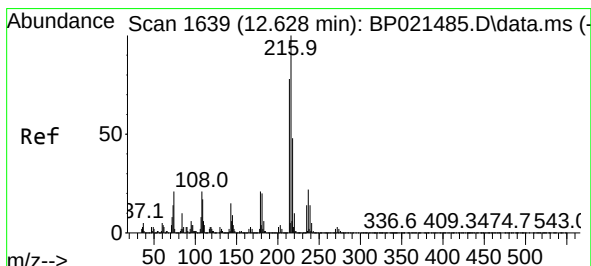
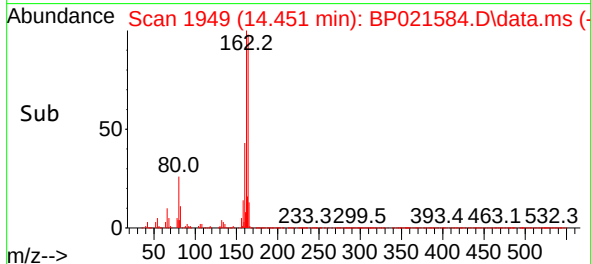
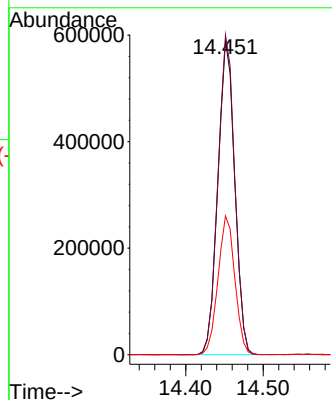
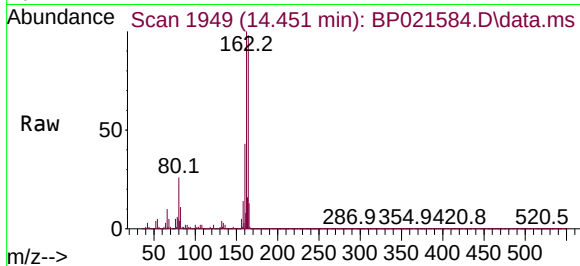




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

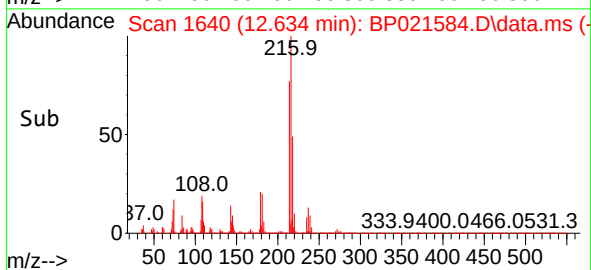
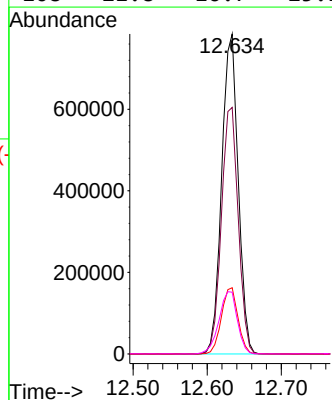
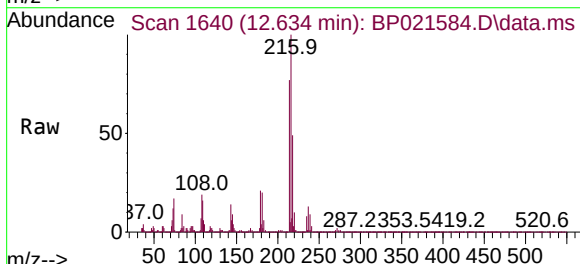
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

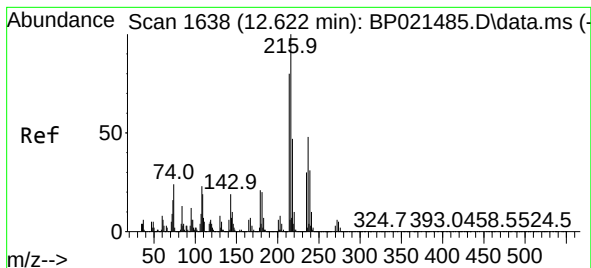
Tgt Ion:164 Resp: 889773
Ion Ratio Lower Upper
164 100
162 101.9 81.5 122.3
160 44.2 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.494 ng
RT: 12.634 min Scan# 1640
Delta R.T. 0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:216 Resp: 1212132
Ion Ratio Lower Upper
216 100
214 78.6 62.5 93.7
179 20.9 16.4 24.6
108 21.8 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 112.565 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Instrument :

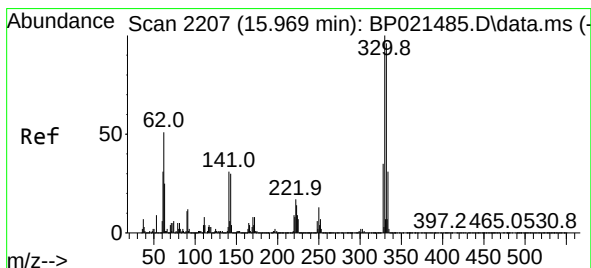
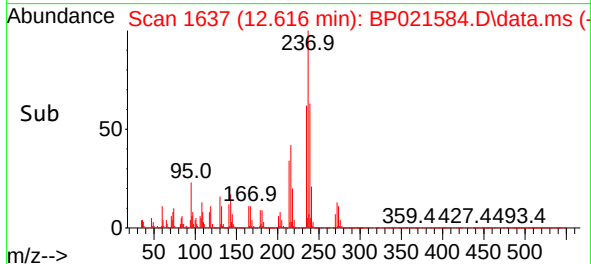
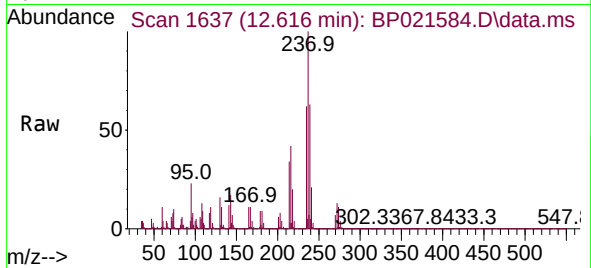
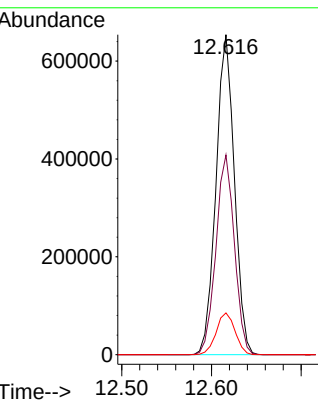
BNA_P

ClientSampleId :

OU4-TS-08-080724MS

Tgt Ion:237 Resp: 930094

Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.9	83.9
272	13.1	0.0	33.3



#42

2,4,6-Tribromophenol

Concen: 97.814 ng

RT: 15.969 min Scan# 2207

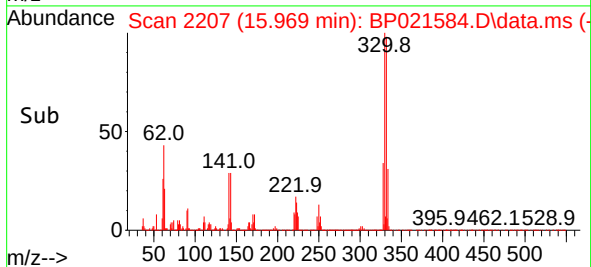
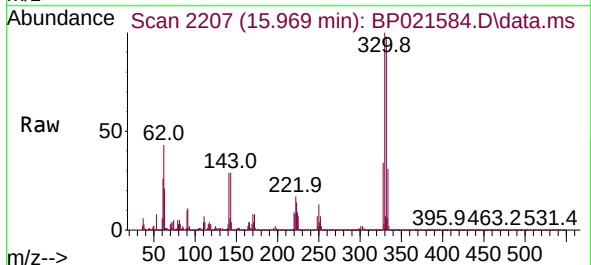
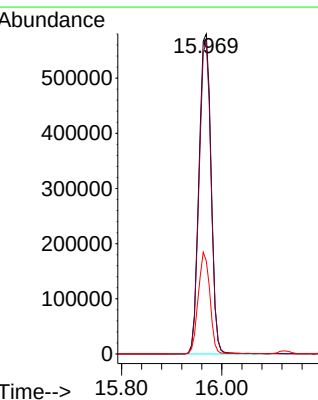
Delta R.T. -0.000 min

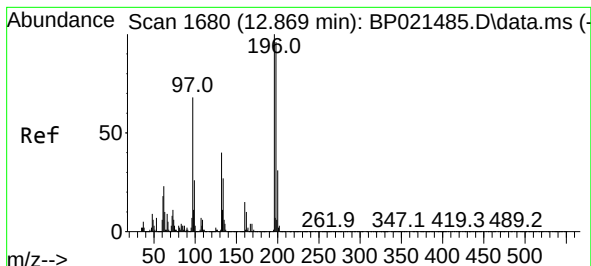
Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Tgt Ion:330 Resp: 968632

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	30.6	24.5	36.7





#43

2,4,6-Trichlorophenol

Concen: 63.196 ng

RT: 12.869 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

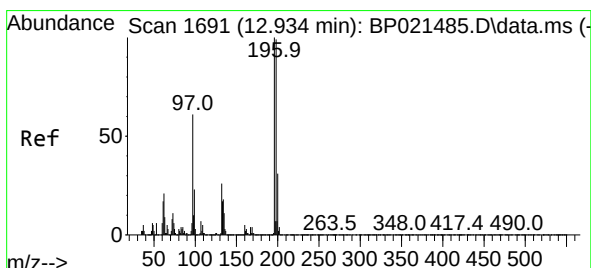
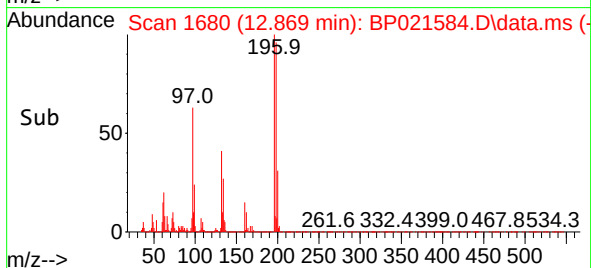
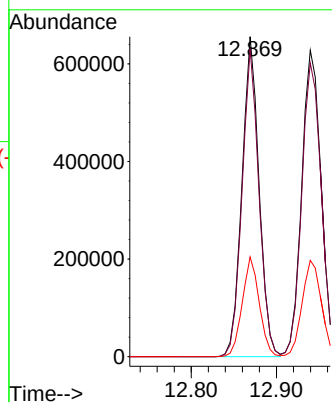
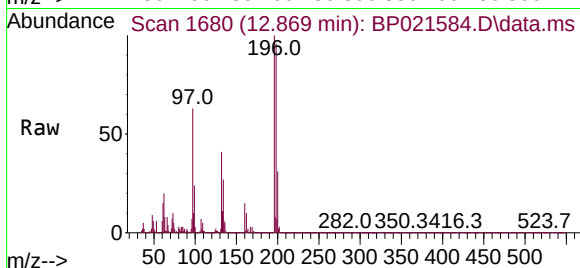
Tgt Ion:196 Resp: 915186

Ion Ratio Lower Upper

196 100

198 96.2 76.6 114.8

200 31.2 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 61.820 ng

RT: 12.940 min Scan# 1692

Delta R.T. 0.006 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Tgt Ion:196 Resp: 994671

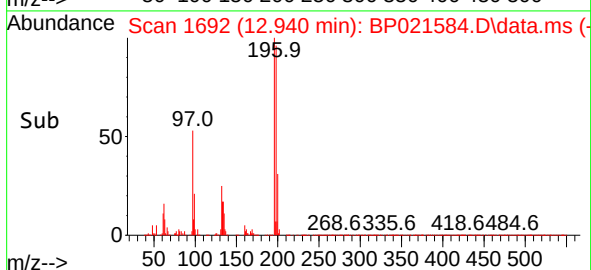
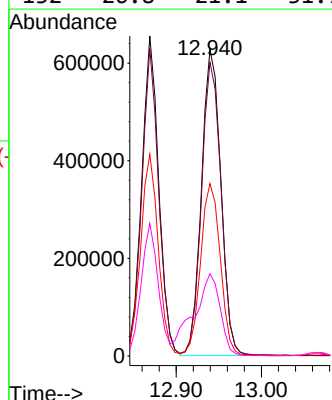
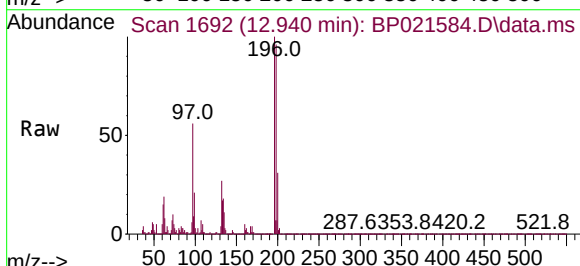
Ion Ratio Lower Upper

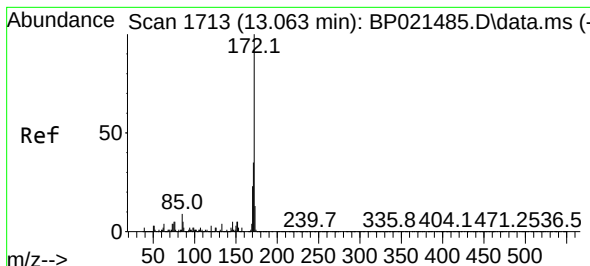
196 100

198 95.8 78.9 118.3

97 56.2 49.4 74.0

132 26.8 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 43.104 ng

RT: 13.063 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

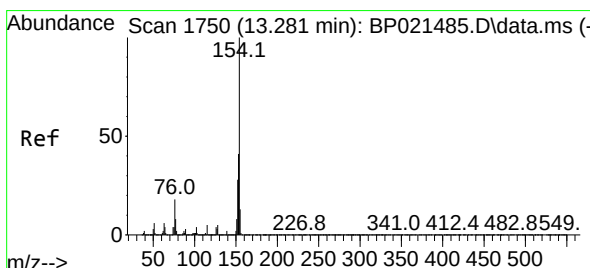
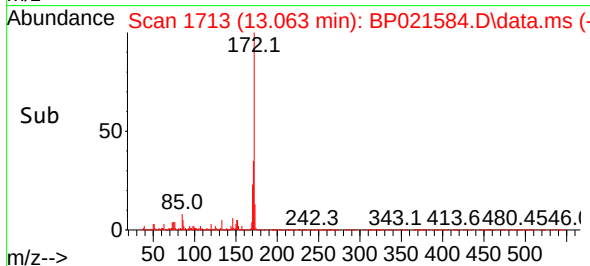
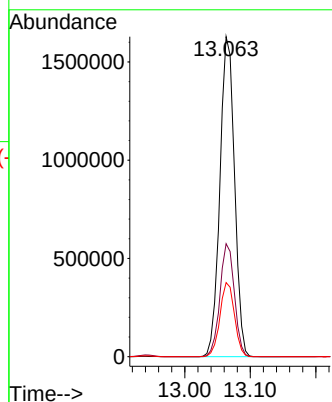
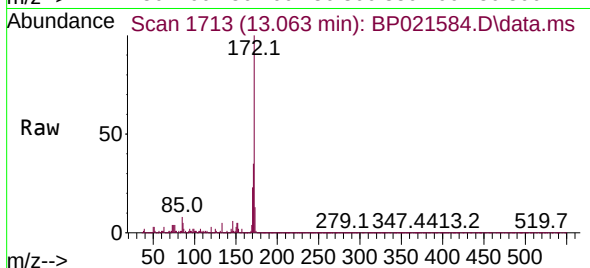
Tgt Ion:172 Resp: 2513022

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.2 18.4 27.6



#46

1,1'-Biphenyl

Concen: 46.335 ng

RT: 13.275 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

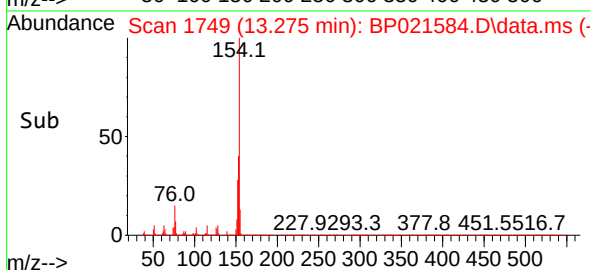
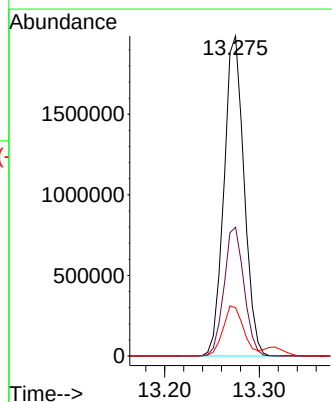
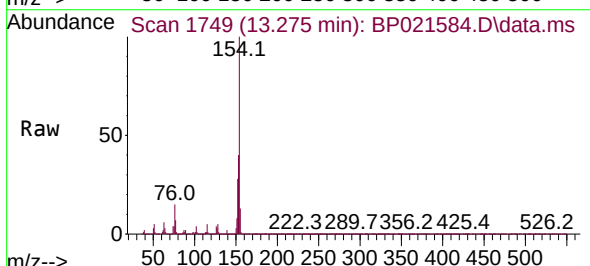
Tgt Ion:154 Resp: 2916888

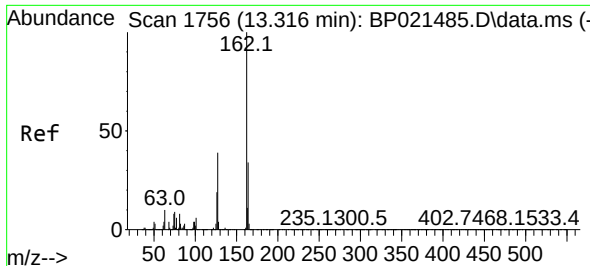
Ion Ratio Lower Upper

154 100

153 40.3 20.7 60.7

76 15.1 0.0 37.7

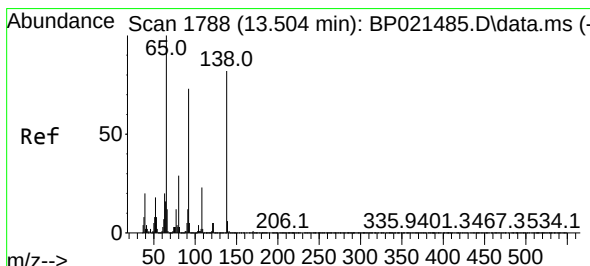
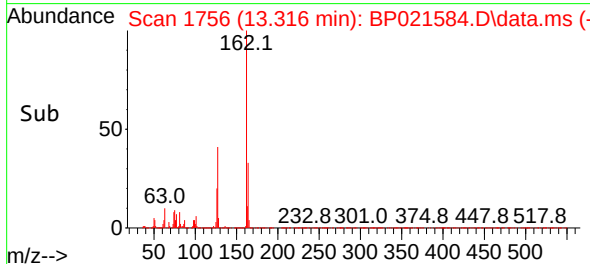
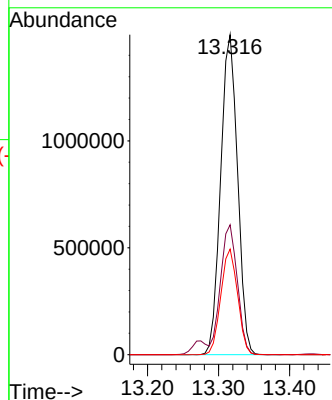
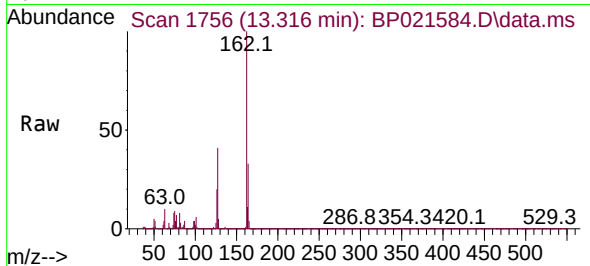




#47
2-Chloronaphthalene
Concen: 50.246 ng
RT: 13.316 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

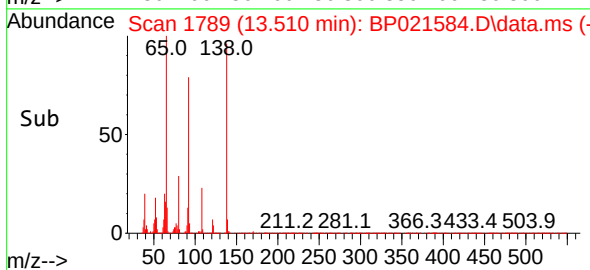
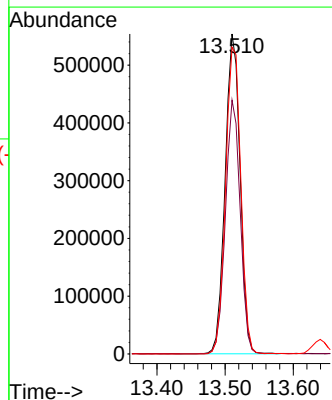
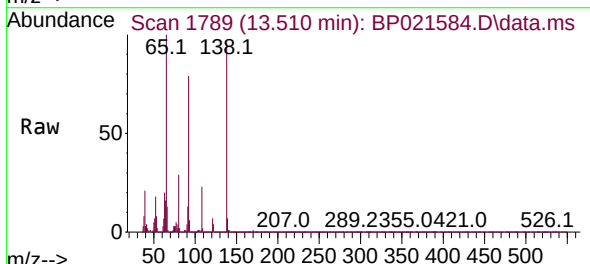
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

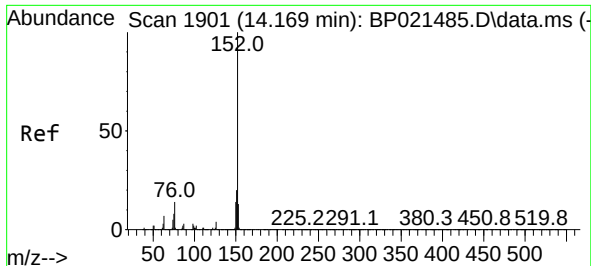
Tgt Ion:162 Resp: 2462613
Ion Ratio Lower Upper
162 100
127 40.6 31.9 47.9
164 33.0 26.8 40.2



#48
2-Nitroaniline
Concen: 60.084 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion: 65 Resp: 845277
Ion Ratio Lower Upper
65 100
92 79.3 58.1 87.1
138 95.9 65.5 98.3

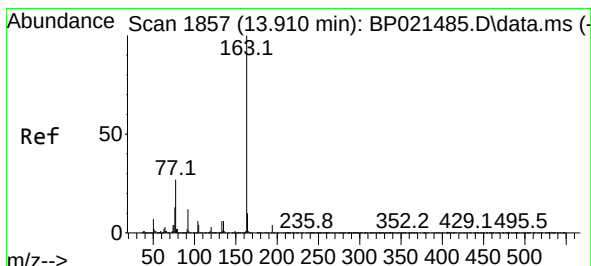
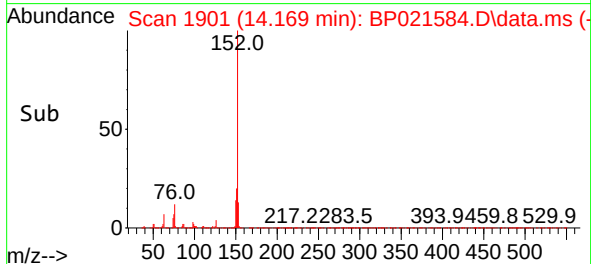
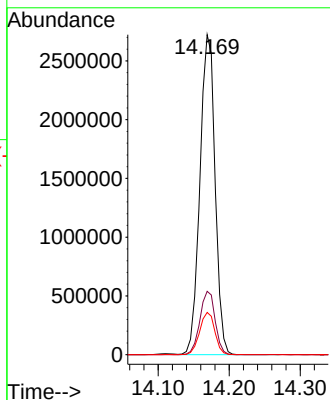
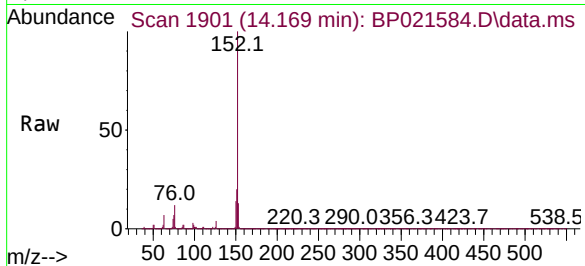




#49
Acenaphthylene
Concen: 56.177 ng
RT: 14.169 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

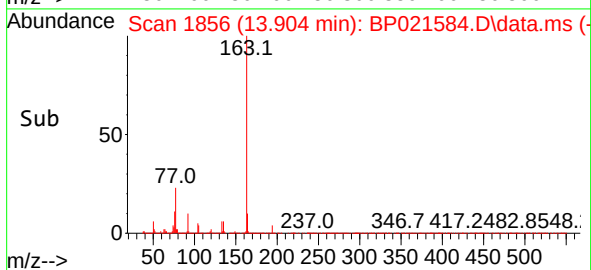
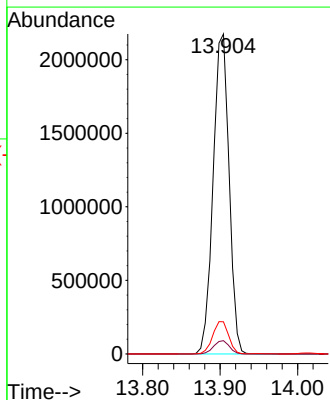
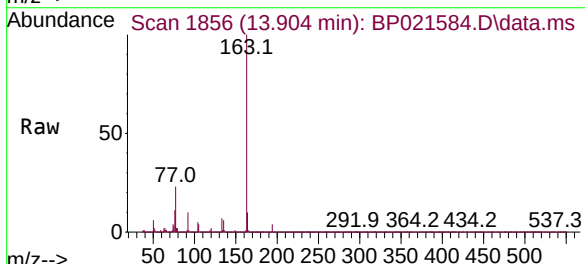
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

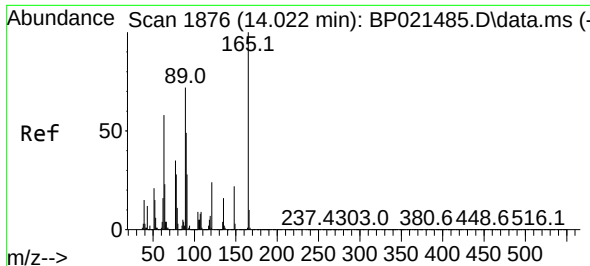
Tgt Ion:152 Resp: 4047464
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 52.032 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:163 Resp: 3100427
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.3 12.5

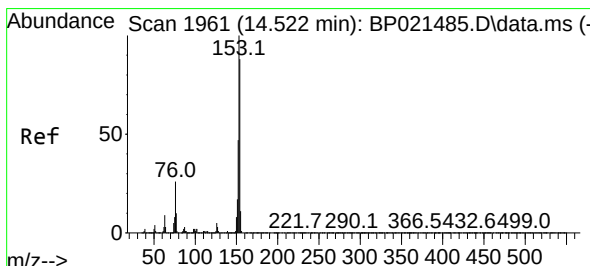
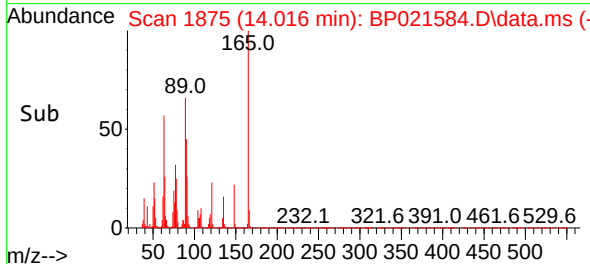
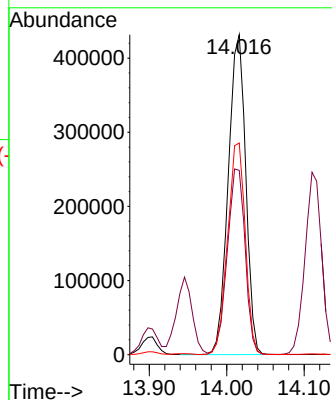
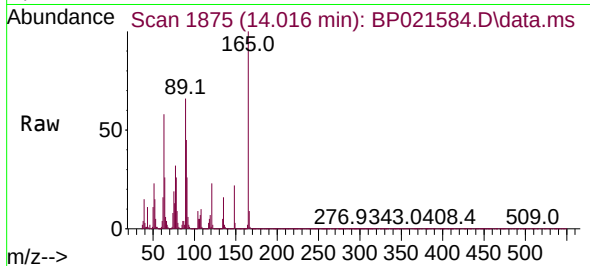




#51
2,6-Dinitrotoluene
Concen: 55.712 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

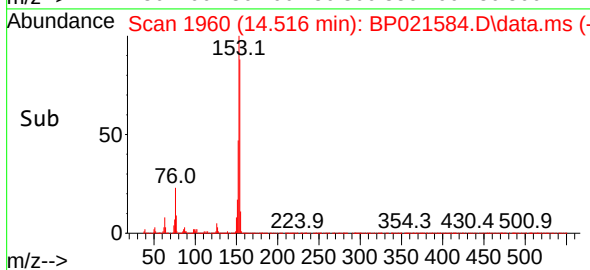
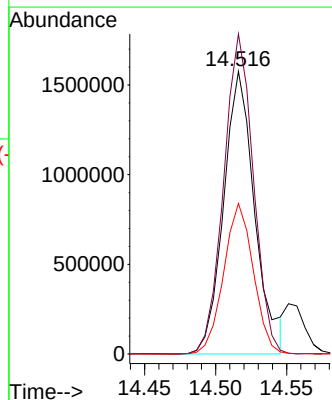
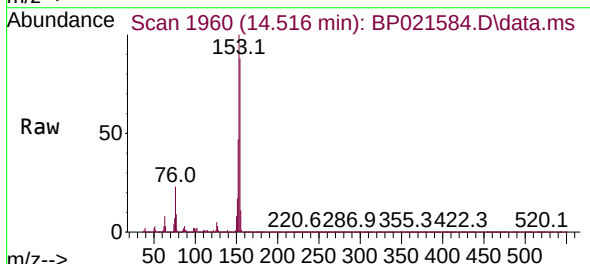
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

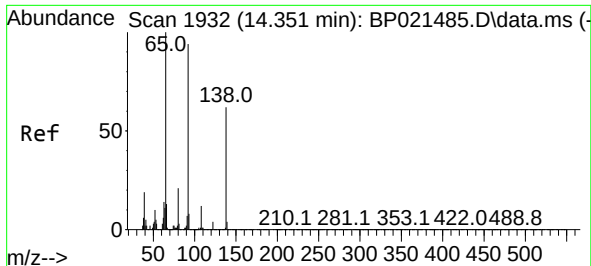
Tgt Ion:165 Resp: 678139
Ion Ratio Lower Upper
165 100
63 57.6 51.5 77.3
89 66.1 57.8 86.8



#52
Acenaphthene
Concen: 50.716 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:154 Resp: 2397509
Ion Ratio Lower Upper
154 100
153 113.2 91.1 136.7
152 53.3 43.0 64.4

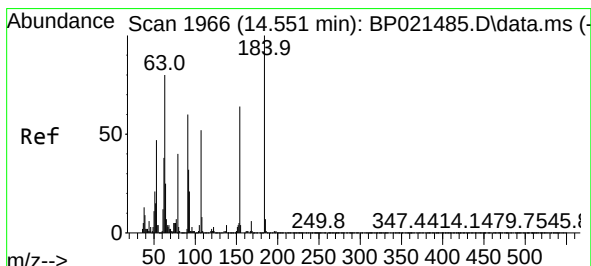
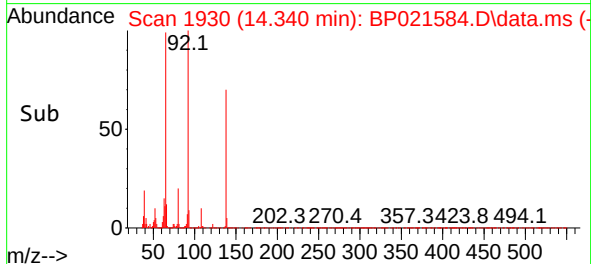
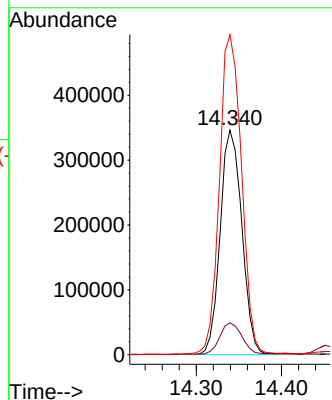
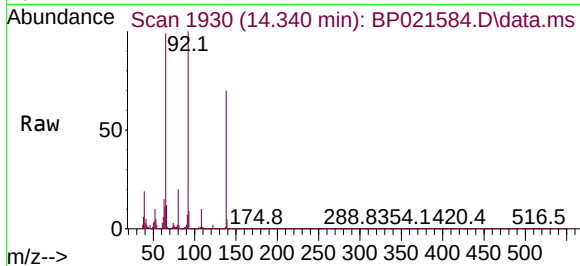




#53
3-Nitroaniline
Concen: 51.400 ng
RT: 14.340 min Scan# 1932
Delta R.T. -0.011 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

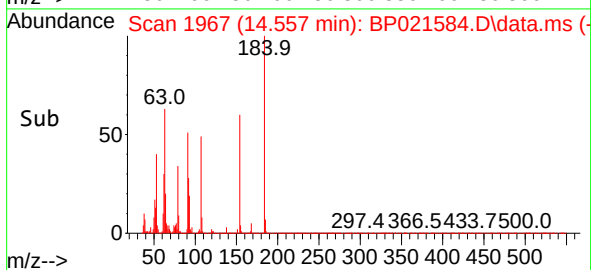
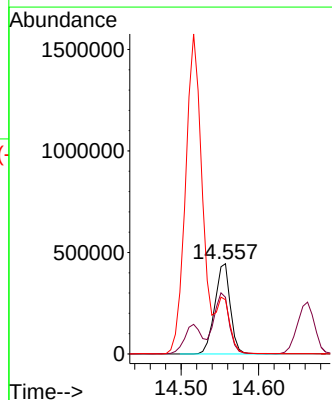
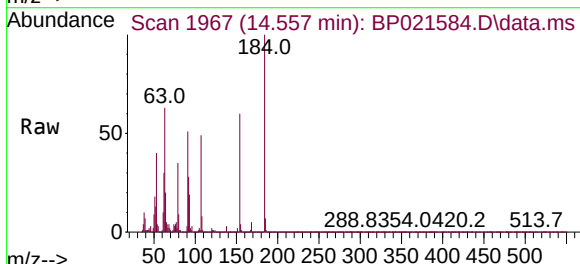
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

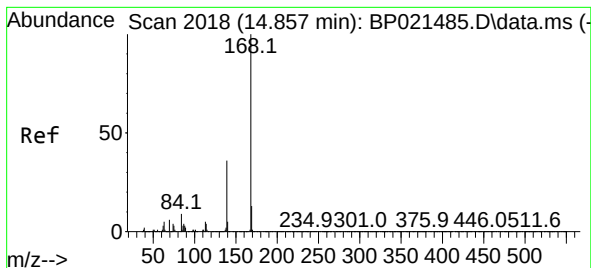
Tgt Ion:138 Resp: 611068
Ion Ratio Lower Upper
138 100
108 14.2 16.2 24.4#
92 142.6 122.2 183.4



#54
2,4-Dinitrophenol
Concen: 118.138 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:184 Resp: 620951
Ion Ratio Lower Upper
184 100
63 62.8 64.9 97.3#
154 60.2 52.1 78.1

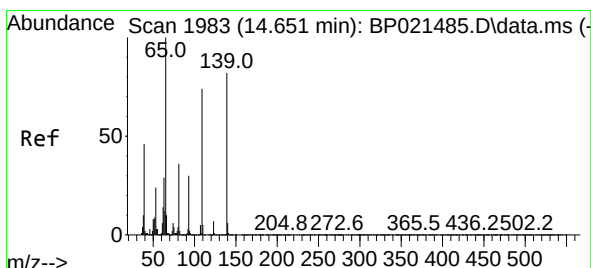
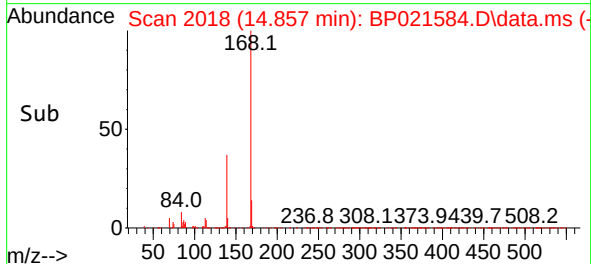
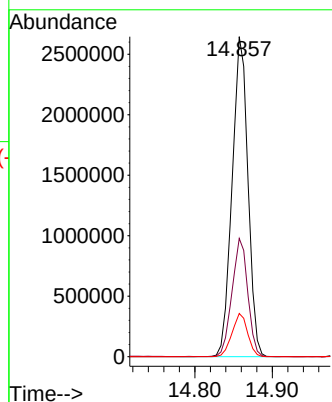
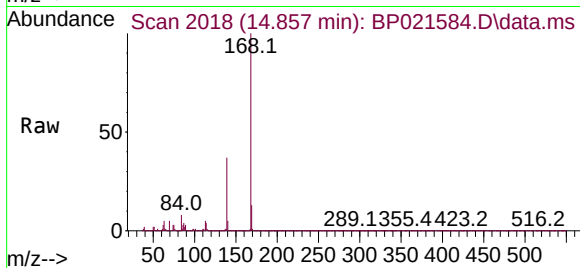




#55
Dibenzofuran
Concen: 51.732 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

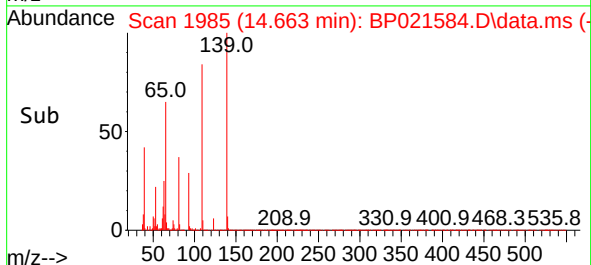
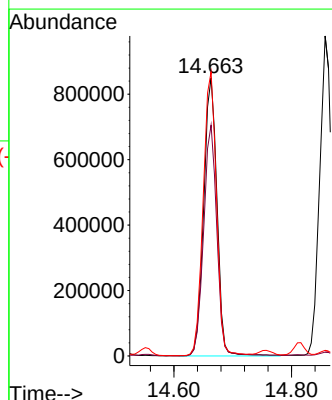
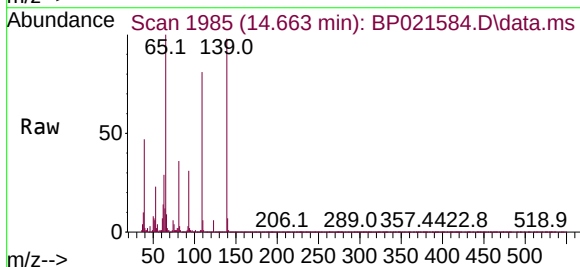
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

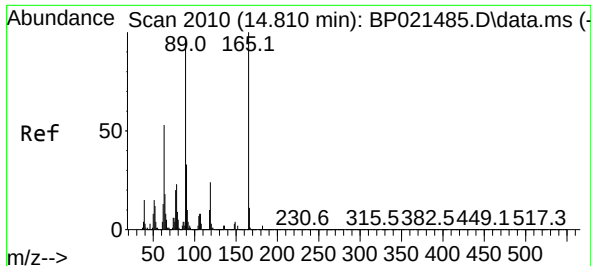
Tgt Ion:168 Resp: 3762045
Ion Ratio Lower Upper
168 100
139 37.0 28.6 43.0
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 130.543 ng
RT: 14.663 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:139 Resp: 1323955
Ion Ratio Lower Upper
139 100
109 83.0 70.2 110.2
65 102.2 101.8 141.8

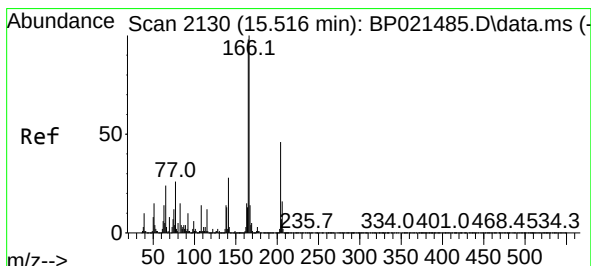
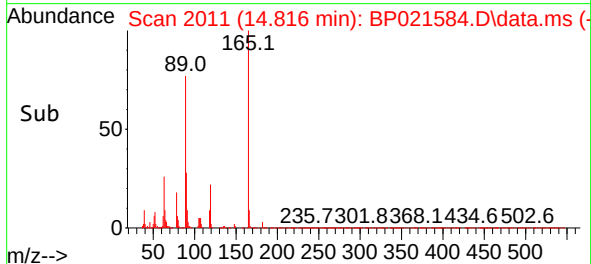
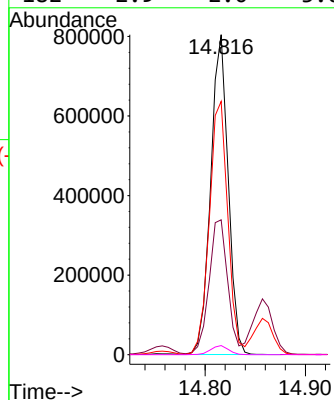
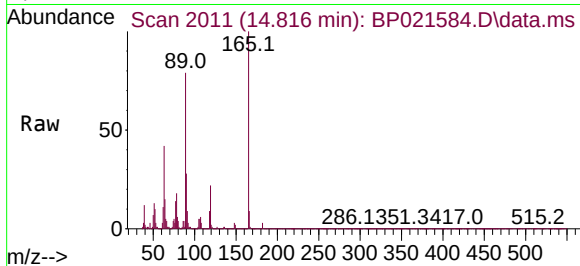




#57
2,4-Dinitrotoluene
Concen: 62.202 ng
RT: 14.816 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

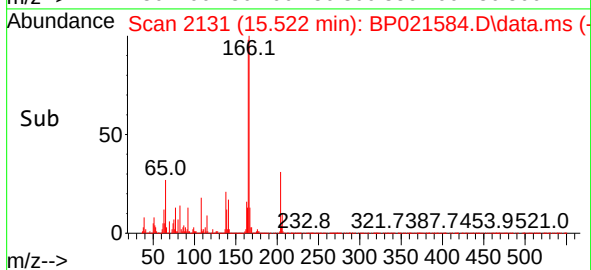
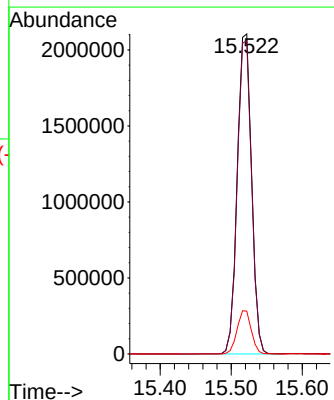
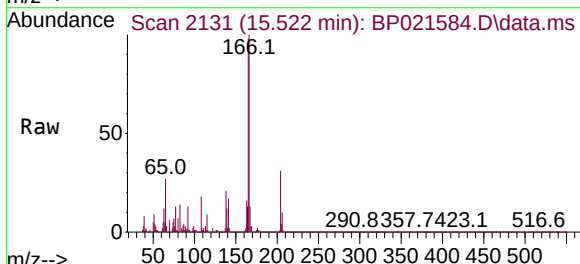
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

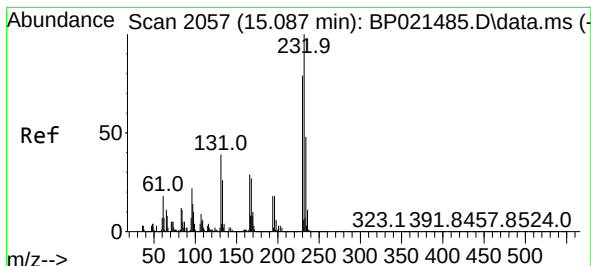
Tgt Ion:165 Resp: 976431
Ion Ratio Lower Upper
165 100
63 42.2 42.5 63.7#
89 79.2 77.1 115.7
182 2.9 2.0 3.0



#58
Fluorene
Concen: 49.446 ng
RT: 15.522 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:166 Resp: 2954007
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.4 11.0 16.4

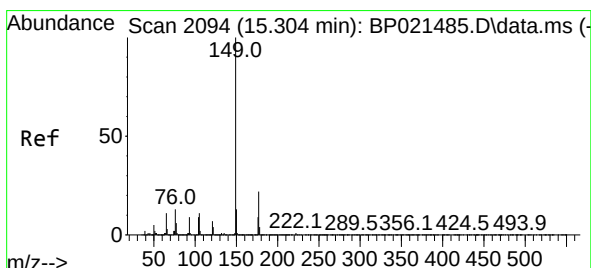
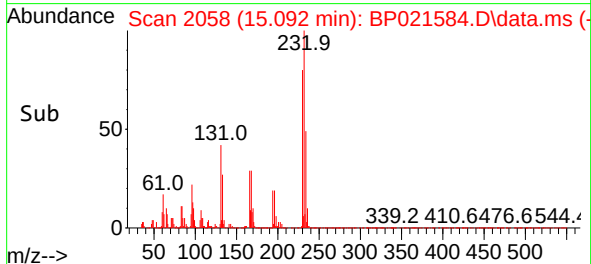
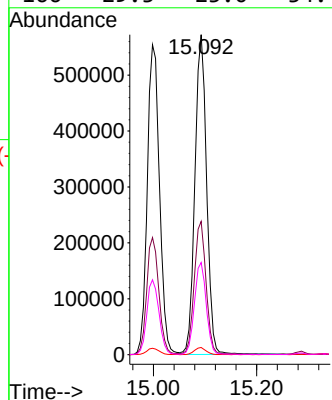
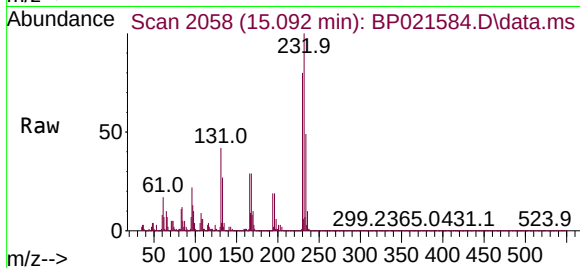




#59
2,3,4,6-Tetrachlorophenol
Concen: 65.836 ng
RT: 15.092 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

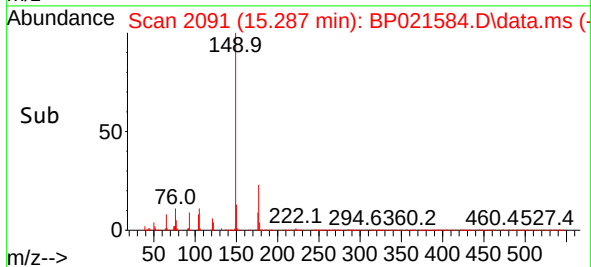
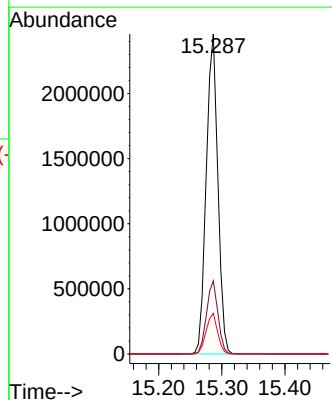
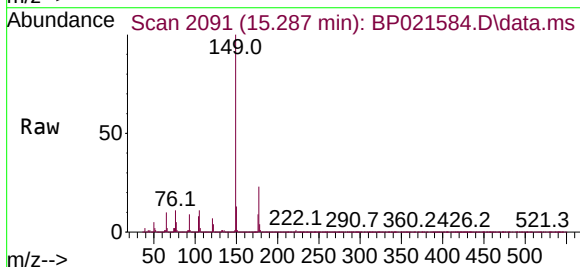
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

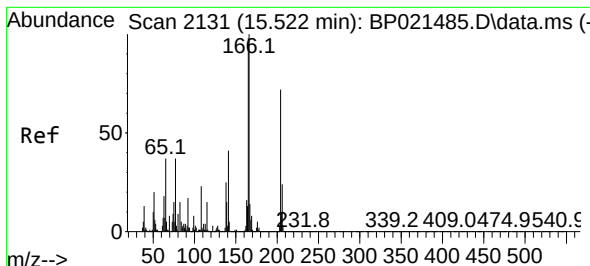
Tgt Ion:232 Resp: 899114
Ion Ratio Lower Upper
232 100
131 41.7 33.1 49.7
130 2.2 1.7 2.5
166 29.3 23.0 34.4



#60
Diethylphthalate
Concen: 51.135 ng
RT: 15.287 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:149 Resp: 3126379
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.8
150 12.7 10.1 15.1

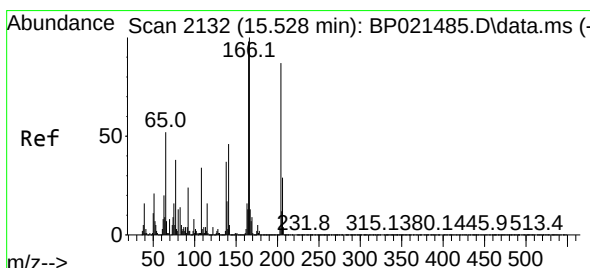
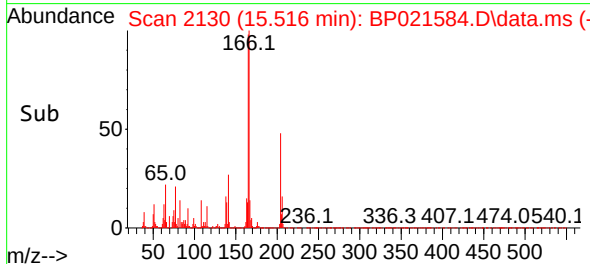
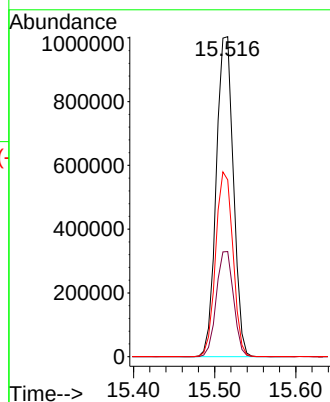
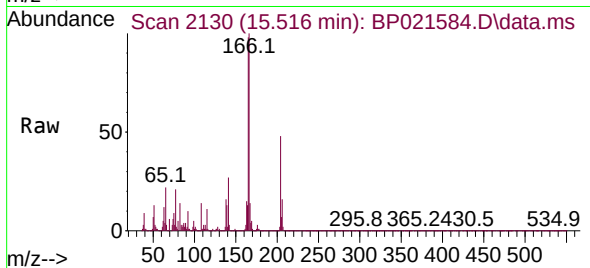




#61
4-Chlorophenyl-phenylether
Concen: 47.788 ng
RT: 15.516 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

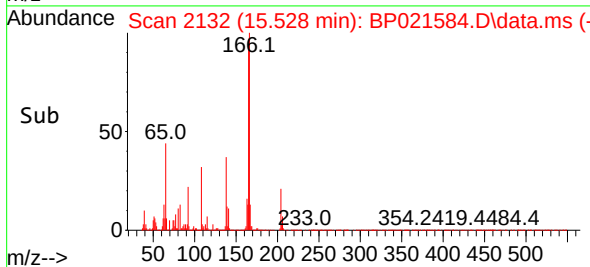
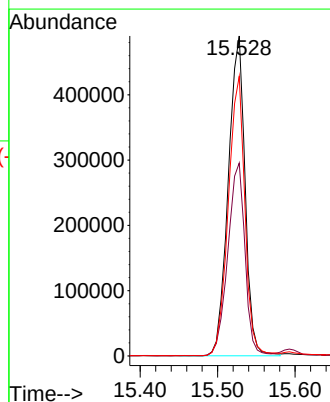
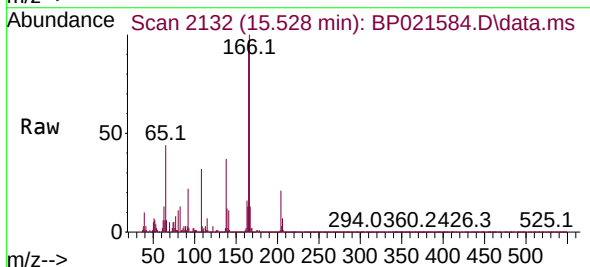
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

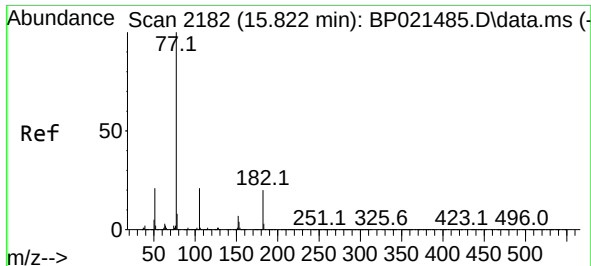
Tgt Ion:204 Resp: 1475751
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 55.3 46.1 69.1



#62
4-Nitroaniline
Concen: 60.078 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:138 Resp: 739375
Ion Ratio Lower Upper
138 100
92 60.3 46.4 86.4
108 87.4 73.2 113.2



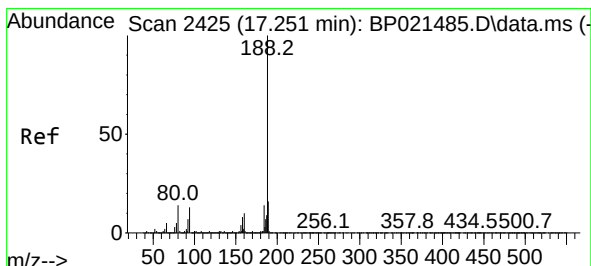
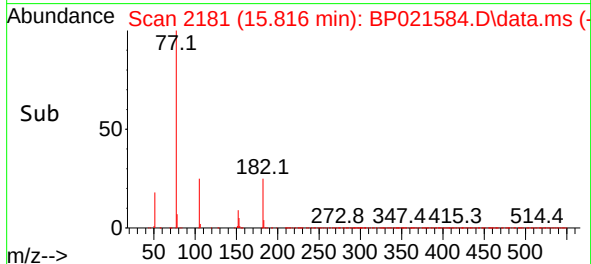
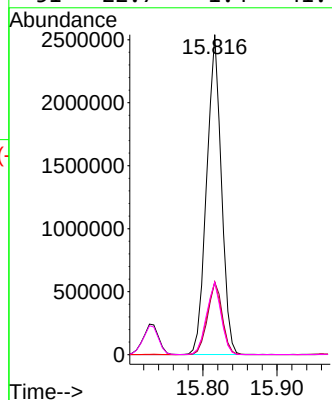
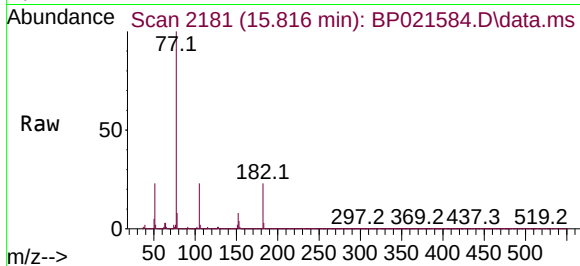


#63
Azobenzene
Concen: 46.384 ng
RT: 15.816 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

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

Tgt Ion: 77 Resp: 3485962

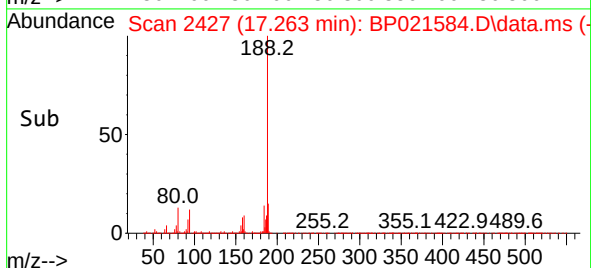
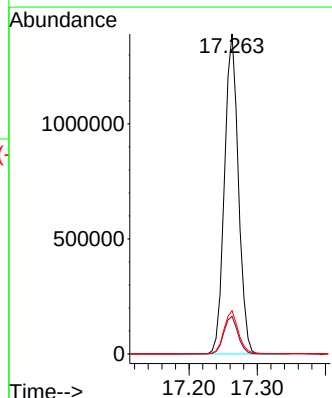
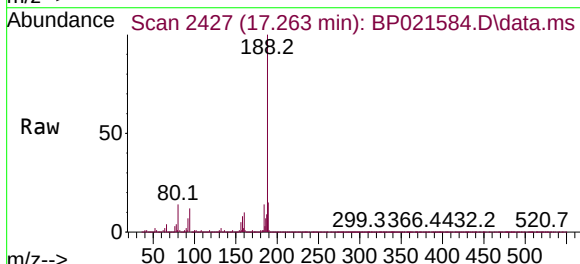
Ion	Ratio	Lower	Upper
77	100		
182	22.6	0.0	39.9
105	22.7	0.9	40.9
51	22.7	1.4	41.4

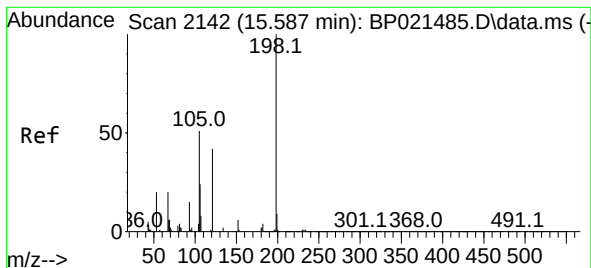


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion: 188 Resp: 1972753

Ion	Ratio	Lower	Upper
188	100		
94	11.7	10.2	15.4
80	13.5	11.6	17.4

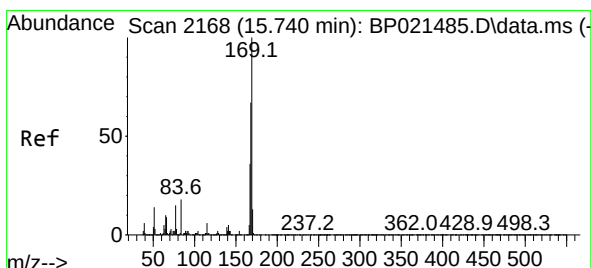
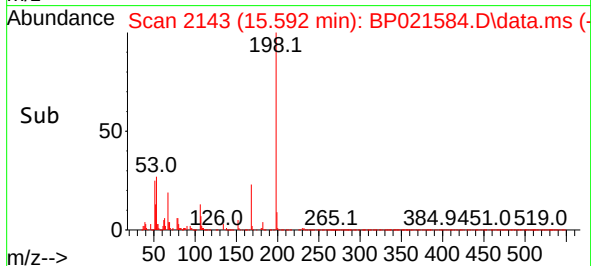
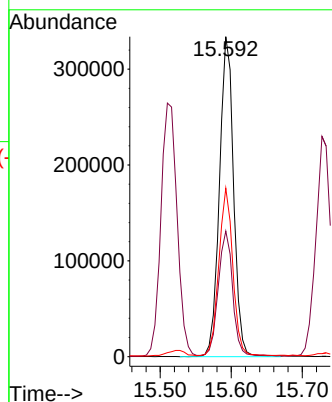
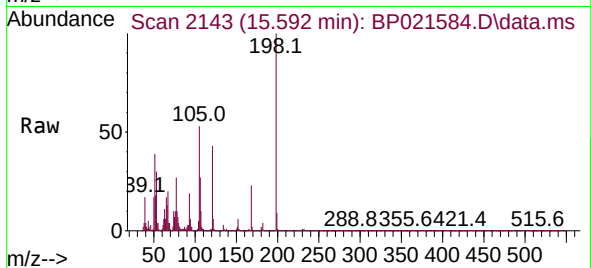




#65
4,6-Dinitro-2-methylphenol
Concen: 67.203 ng
RT: 15.592 min Scan# 2143
Delta R.T. 0.005 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

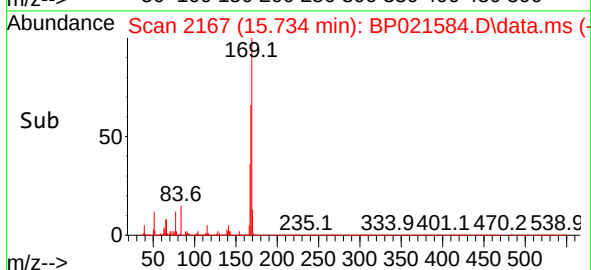
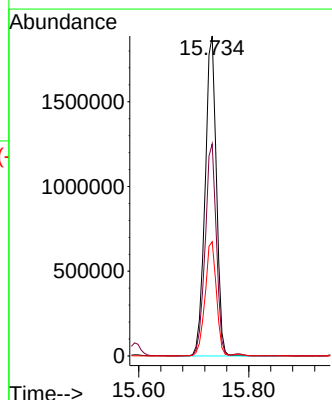
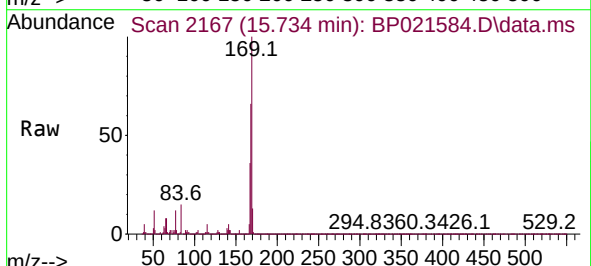
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

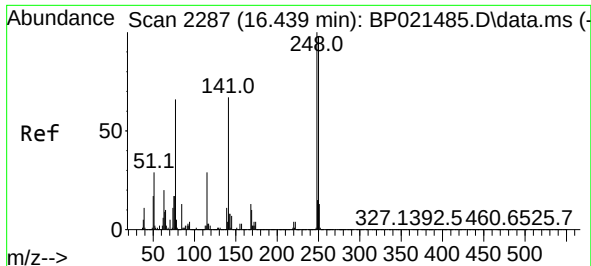
Tgt Ion:198 Resp: 459138
Ion Ratio Lower Upper
198 100
51 39.3 21.5 61.5
105 52.7 32.9 72.9



#66
n-Nitrosodiphenylamine
Concen: 50.715 ng
RT: 15.734 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:169 Resp: 2681151
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.2
167 35.7 28.7 43.1

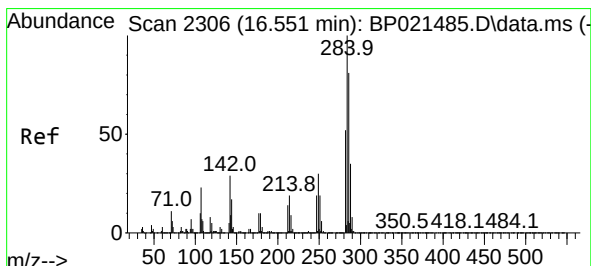
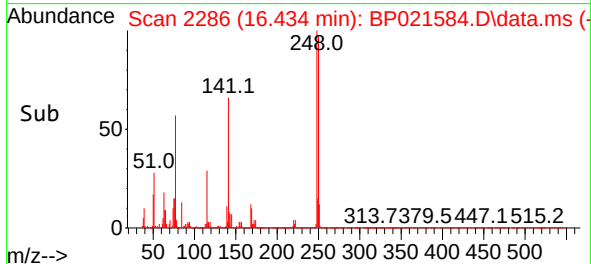
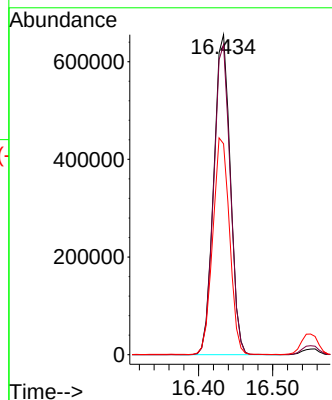
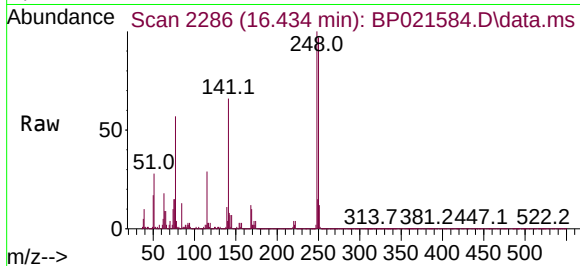




#67
4-Bromophenyl-phenylether
Concen: 48.782 ng
RT: 16.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

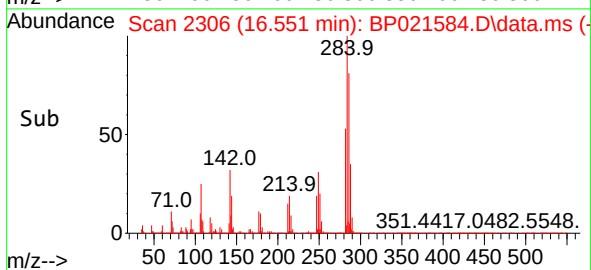
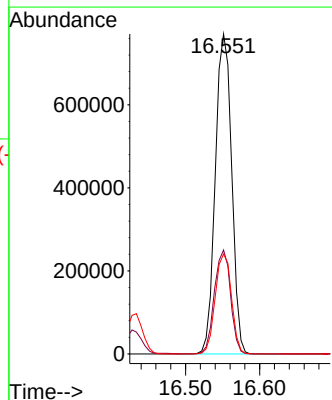
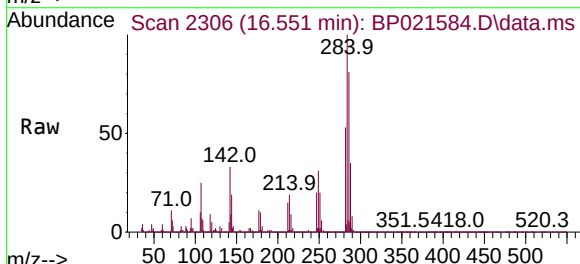
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

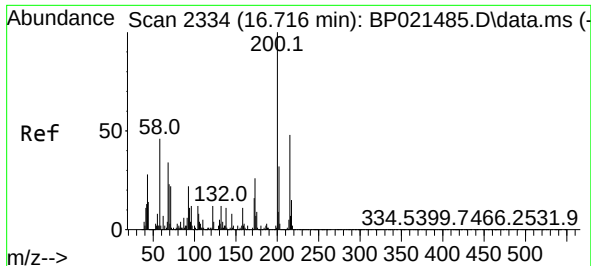
Tgt Ion:248 Resp: 1018508
Ion Ratio Lower Upper
248 100
250 96.9 78.6 117.8
141 65.9 53.9 80.9



#68
Hexachlorobenzene
Concen: 47.831 ng
RT: 16.551 min Scan# 2306
Delta R.T. -0.000 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:284 Resp: 1180160
Ion Ratio Lower Upper
284 100
142 32.5 23.4 35.2
249 31.2 24.1 36.1

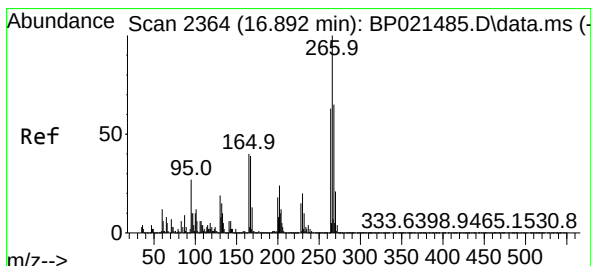
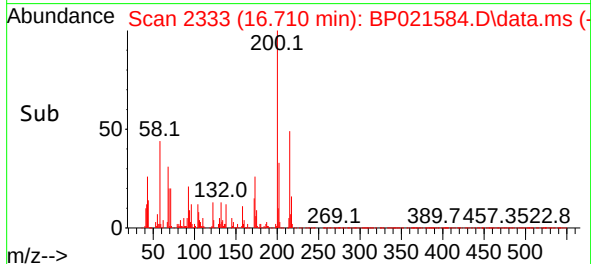
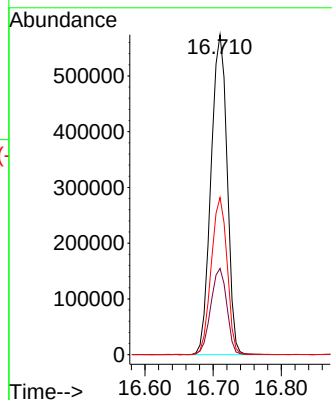
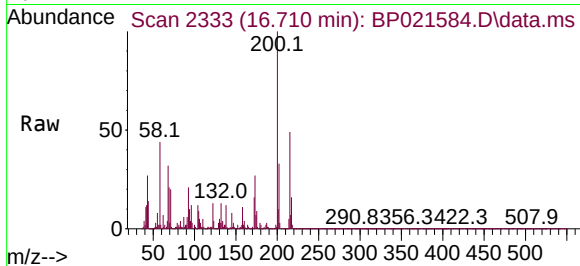




#69
Atrazine
Concen: 52.035 ng
RT: 16.710 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

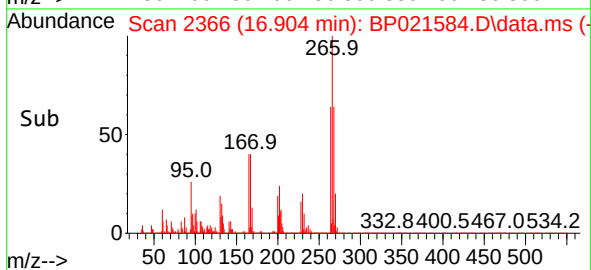
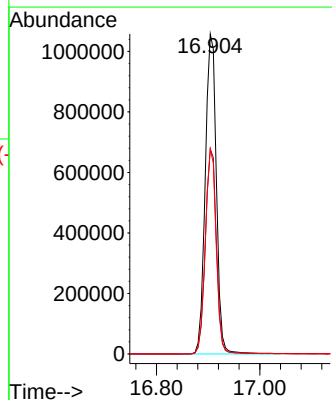
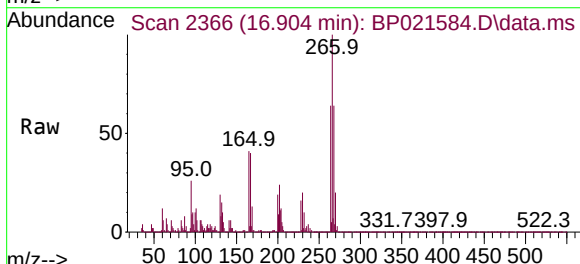
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

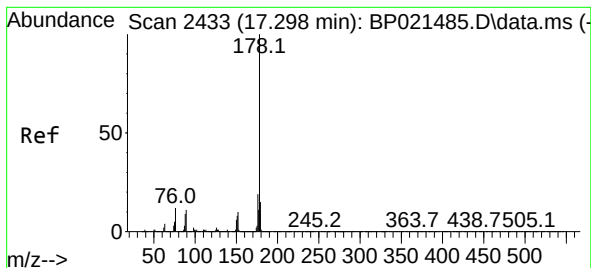
Tgt Ion:200 Resp: 944488
Ion Ratio Lower Upper
200 100
173 26.9 6.2 46.2
215 49.1 28.4 68.4



#70
Pentachlorophenol
Concen: 117.140 ng
RT: 16.904 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:266 Resp: 1577528
Ion Ratio Lower Upper
266 100
268 64.1 51.8 77.6
264 64.0 50.5 75.7





#71

Phenanthrene

Concen: 53.625 ng

RT: 17.304 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

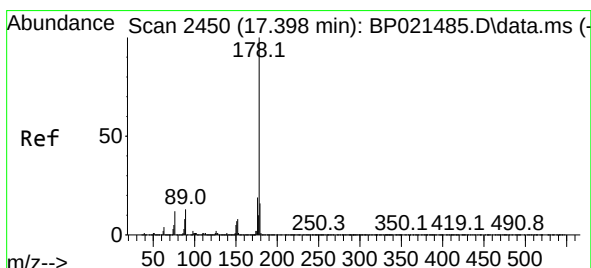
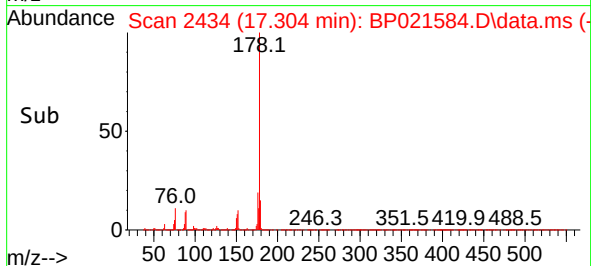
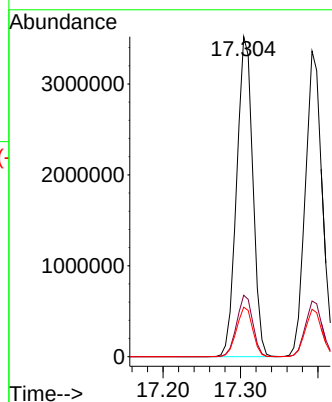
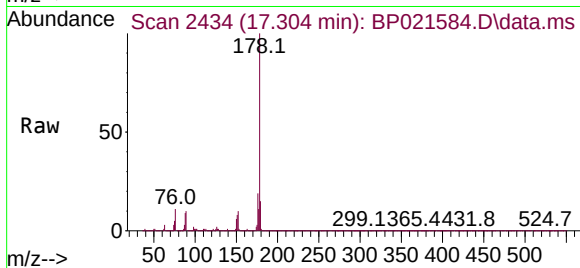
Tgt Ion:178 Resp: 5087653

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.5 12.4 18.6



#72

Anthracene

Concen: 54.381 ng

RT: 17.392 min Scan# 2449

Delta R.T. -0.006 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

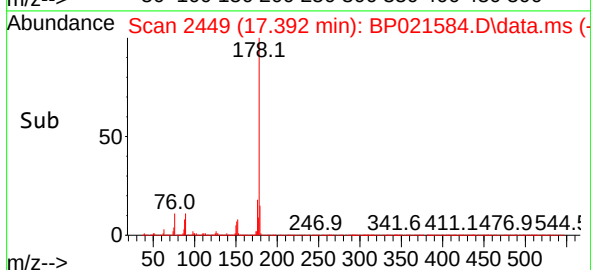
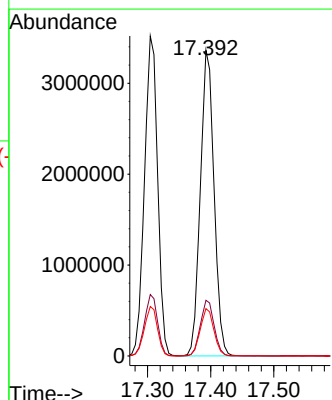
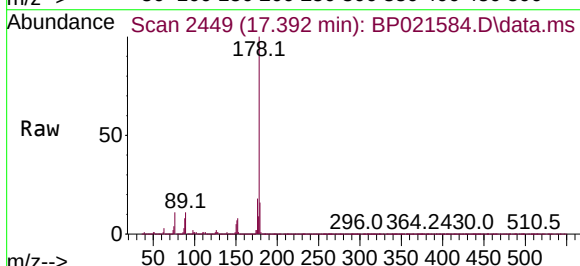
Tgt Ion:178 Resp: 5059880

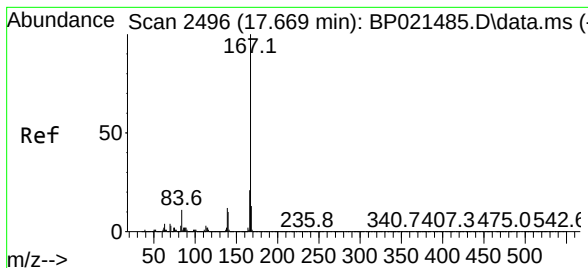
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 15.5 12.5 18.7





#73

Carbazole

Concen: 54.319 ng

RT: 17.675 min Scan# 2496

Delta R.T. 0.006 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

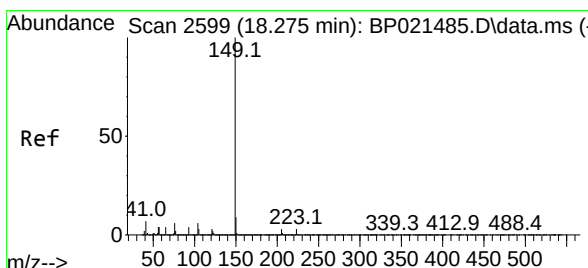
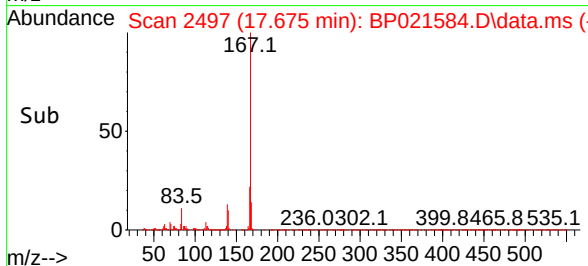
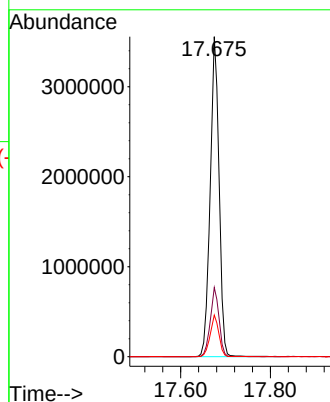
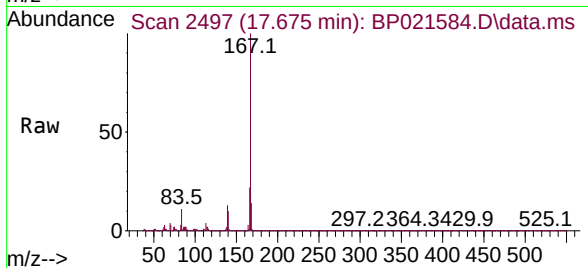
Tgt Ion:167 Resp: 4870735

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.4

139 13.0 9.9 14.9



#74

Di-n-butylphthalate

Concen: 51.713 ng

RT: 18.275 min Scan# 2599

Delta R.T. -0.000 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

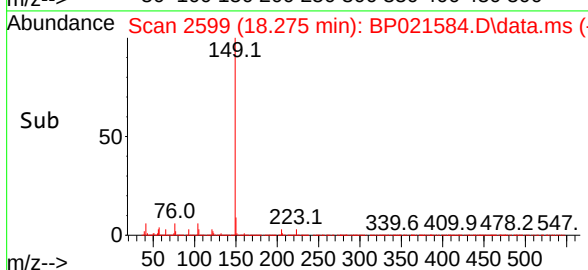
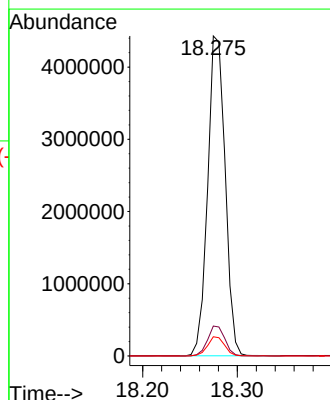
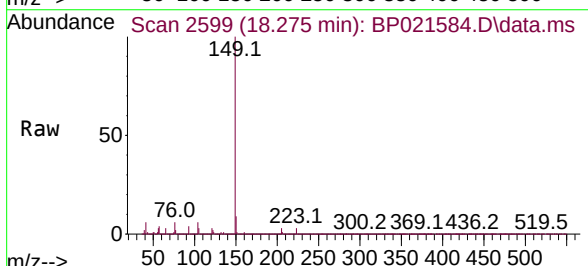
Tgt Ion:149 Resp: 5694915

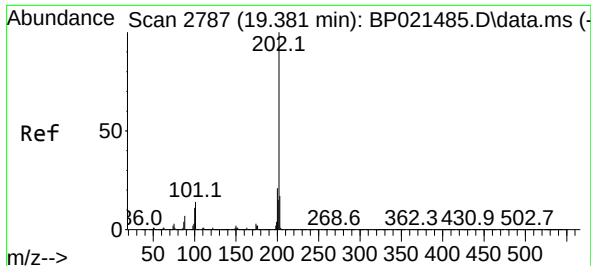
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 6.0 4.9 7.3

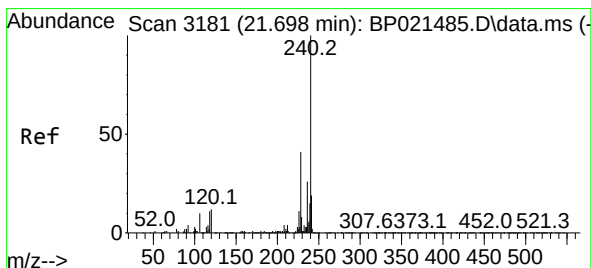
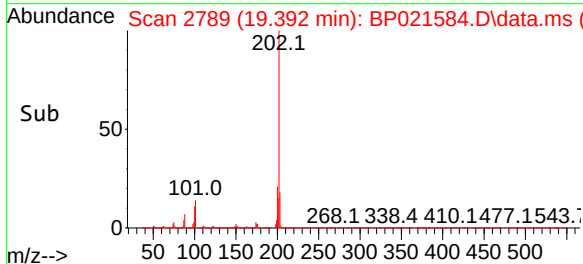
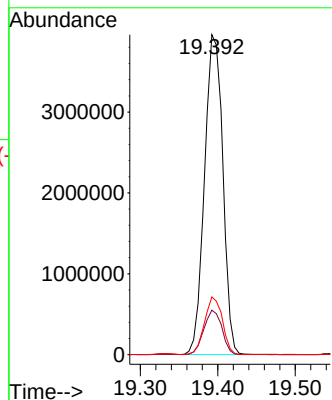
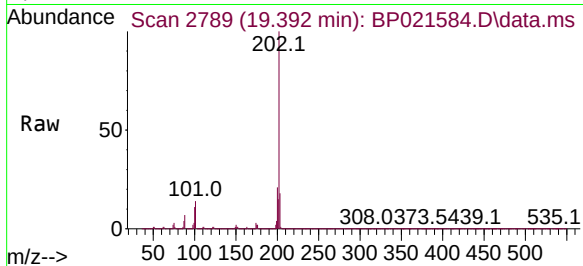




#75
Fluoranthene
Concen: 55.723 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

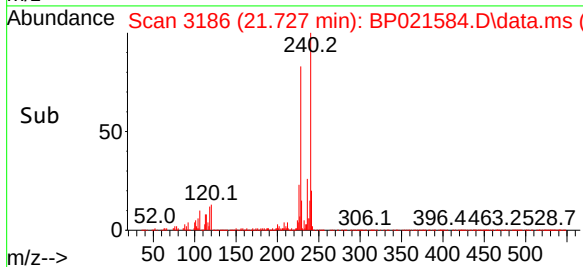
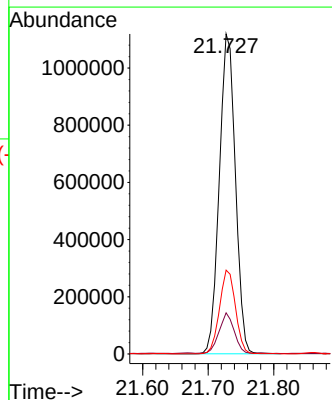
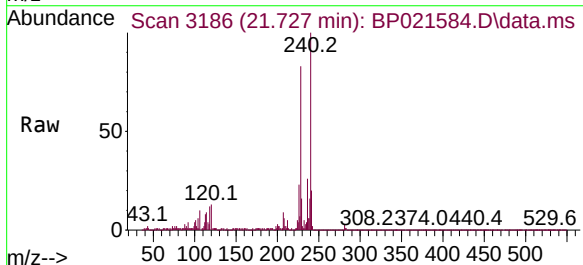
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

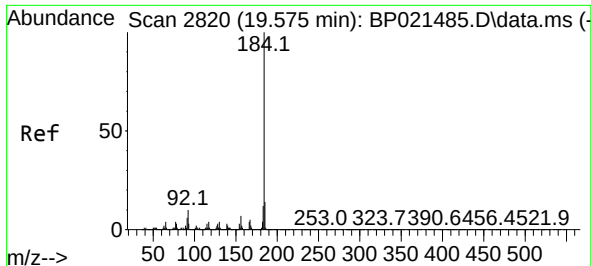
Tgt Ion:202 Resp: 6486619
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.0
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 3186
Delta R.T. 0.029 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:240 Resp: 1896713
Ion Ratio Lower Upper
240 100
120 12.9 9.9 14.9
236 26.2 20.6 30.8

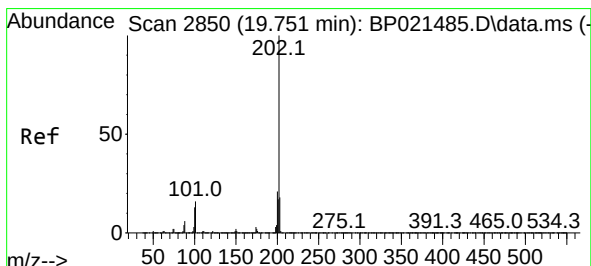
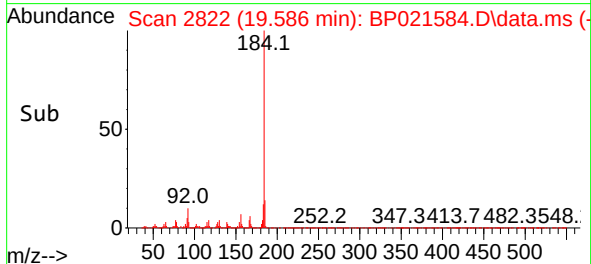
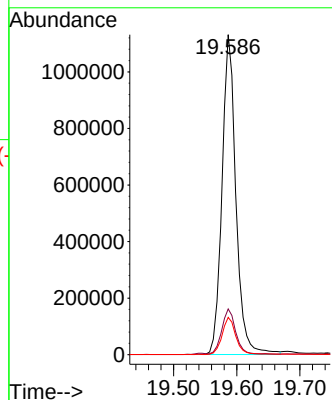
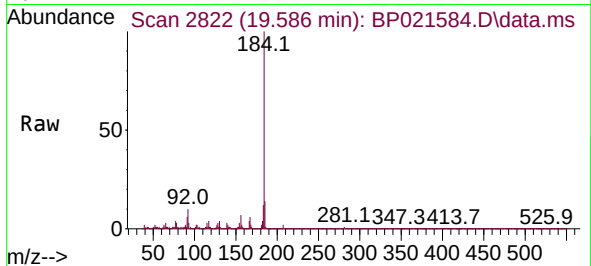




#77
Benzidine
Concen: 39.206 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.011 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

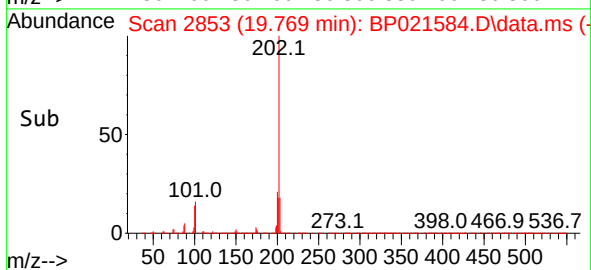
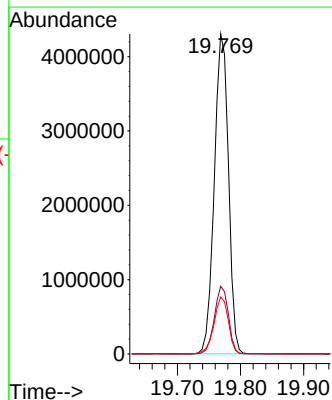
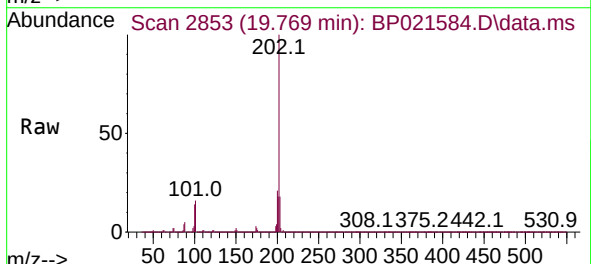
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

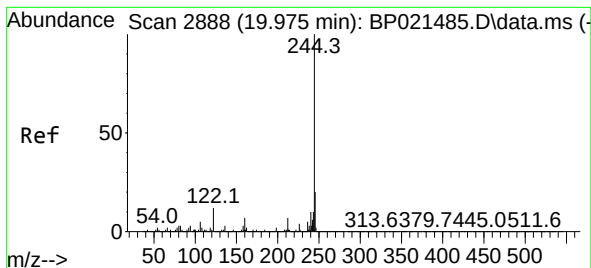
Tgt Ion:184 Resp: 1732804
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 11.6 9.3 13.9



#78
Pyrene
Concen: 53.919 ng
RT: 19.769 min Scan# 2853
Delta R.T. 0.018 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:202 Resp: 6684541
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 39.040 ng

RT: 19.992 min Scan# 2888

Delta R.T. 0.017 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

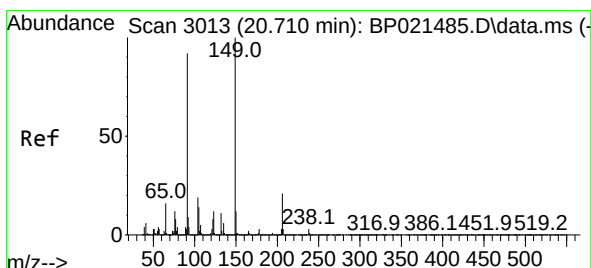
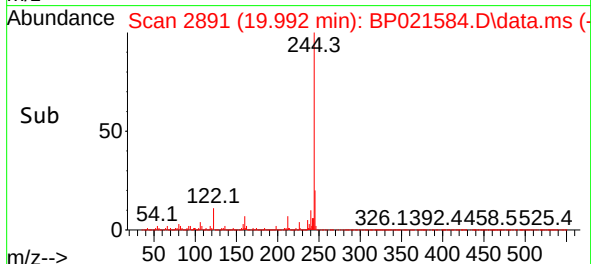
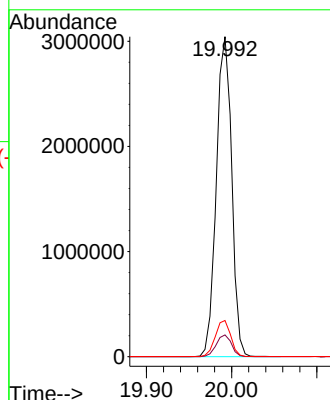
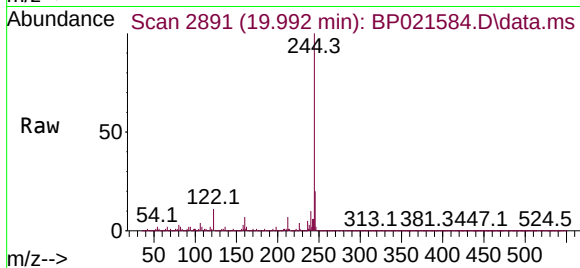
Tgt Ion:244 Resp: 3811513

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.3 9.4 14.2



#80

Butylbenzylphthalate

Concen: 56.889 ng

RT: 20.722 min Scan# 3015

Delta R.T. 0.012 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

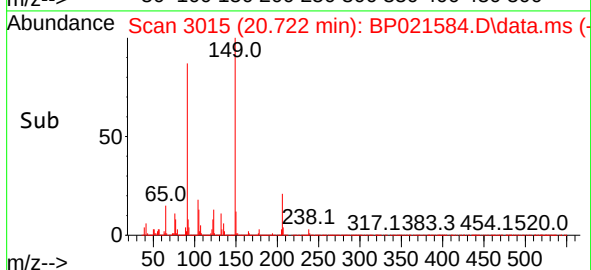
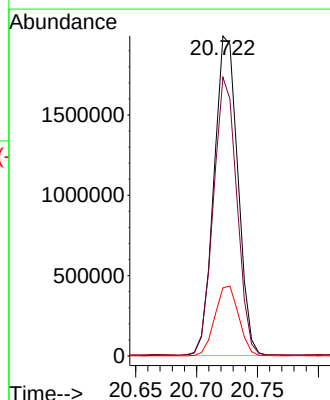
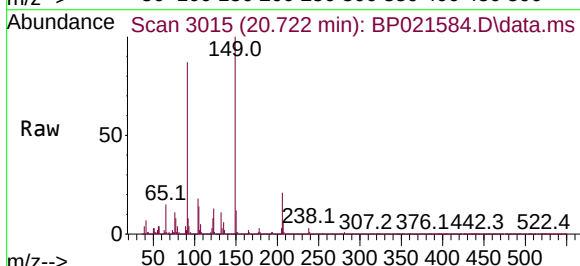
Tgt Ion:149 Resp: 2710680

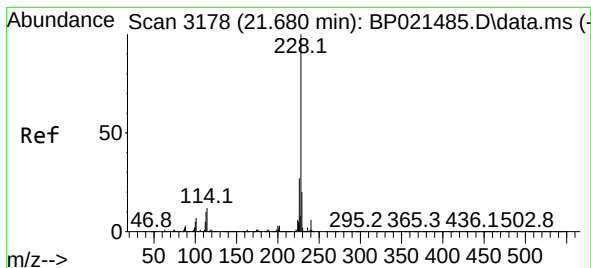
Ion Ratio Lower Upper

149 100

91 87.1 73.3 109.9

206 21.3 17.1 25.7





#81

Benzo(a)anthracene

Concen: 55.287 ng

RT: 21.710 min Scan# 31

Delta R.T. 0.029 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

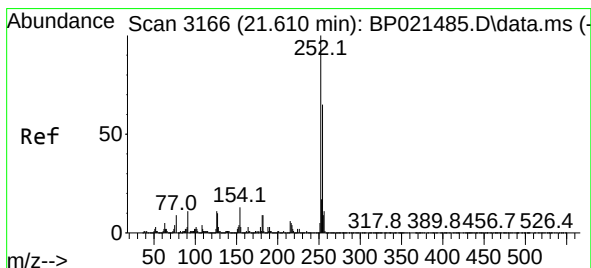
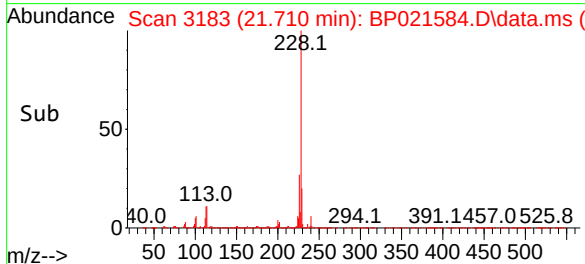
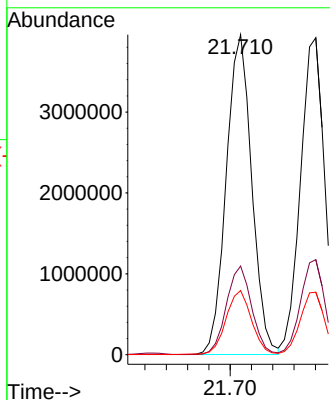
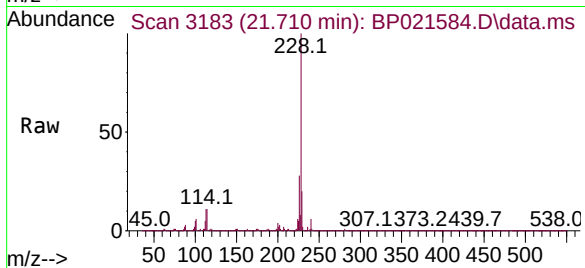
Tgt Ion:228 Resp: 6582900

Ion Ratio Lower Upper

228 100

226 27.7 21.4 32.2

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 50.353 ng

RT: 21.627 min Scan# 3169

Delta R.T. 0.018 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

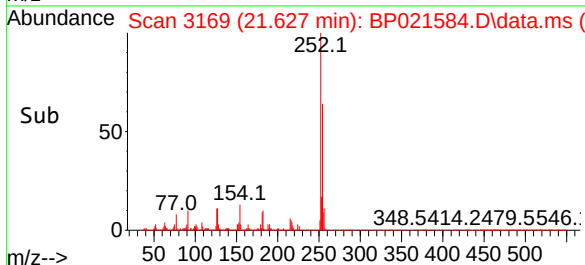
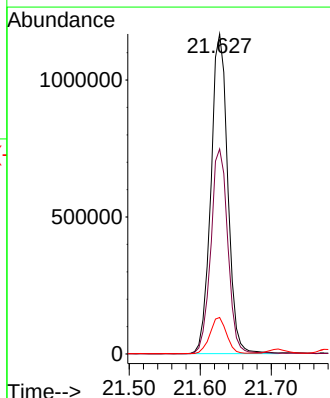
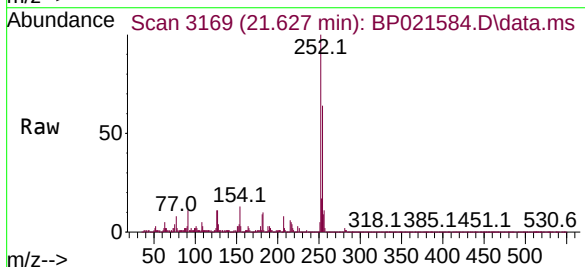
Tgt Ion:252 Resp: 1922301

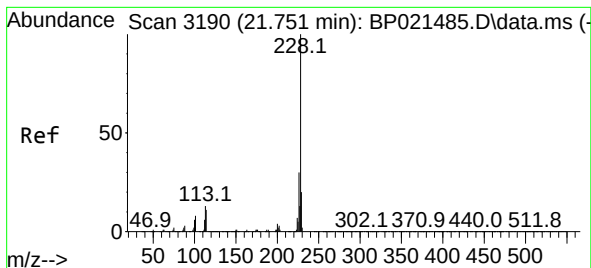
Ion Ratio Lower Upper

252 100

254 64.0 51.7 77.5

126 11.4 8.7 13.1





#83

Chrysene

Concen: 54.642 ng

RT: 21.780 min Scan# 3190

Delta R.T. 0.029 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

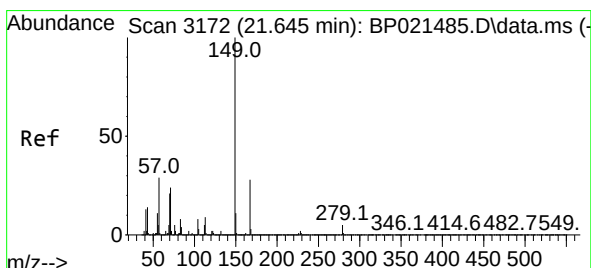
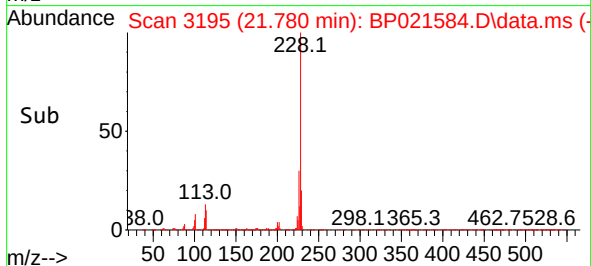
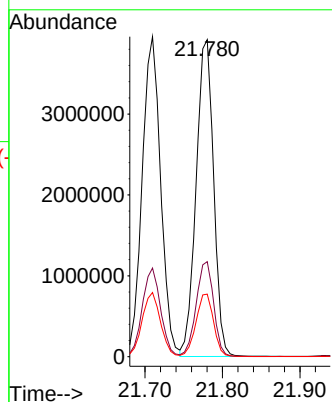
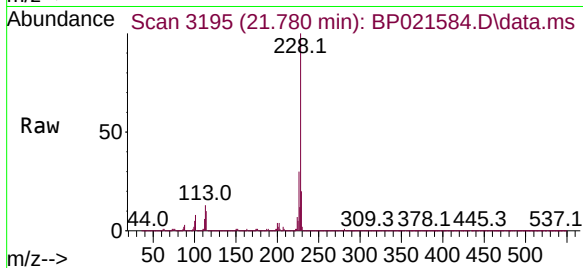
Tgt Ion:228 Resp: 6142768

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.659 ng

RT: 21.669 min Scan# 3176

Delta R.T. 0.023 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

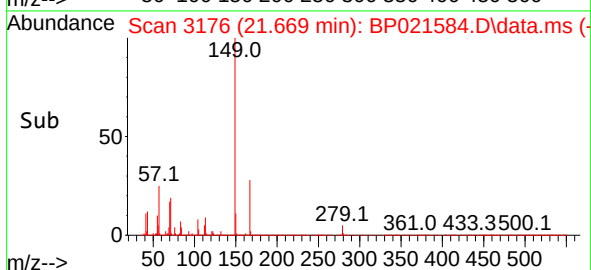
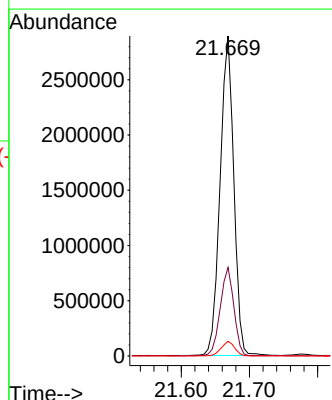
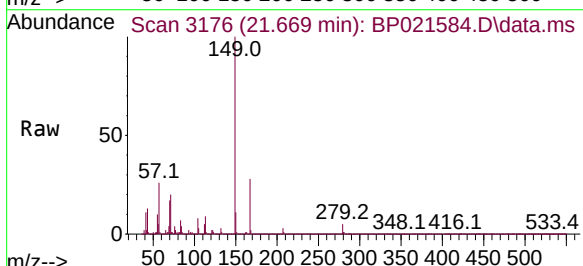
Tgt Ion:149 Resp: 4057703

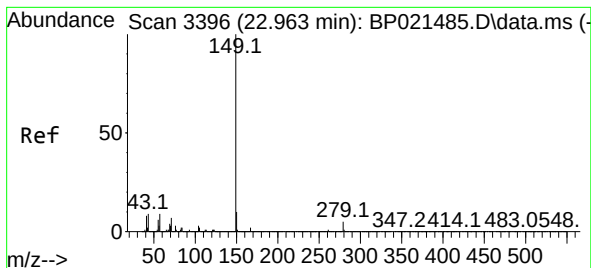
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 56.009 ng

RT: 22.986 min Scan# 34

Delta R.T. 0.023 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

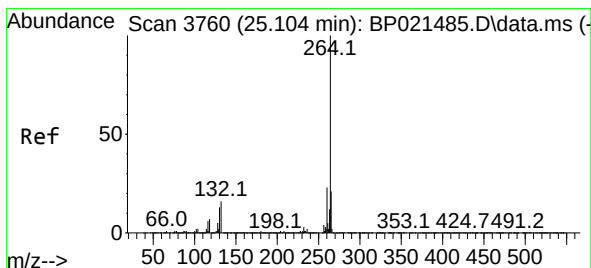
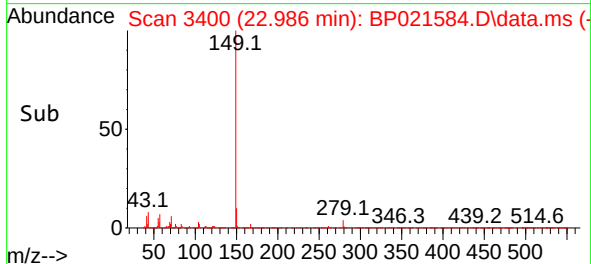
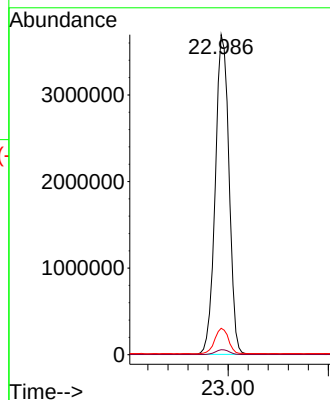
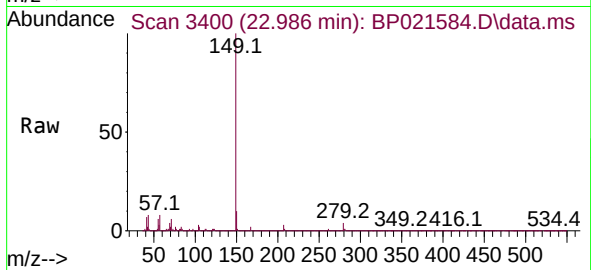
Tgt Ion:149 Resp: 7034712

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.163 min Scan# 3770

Delta R.T. 0.059 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

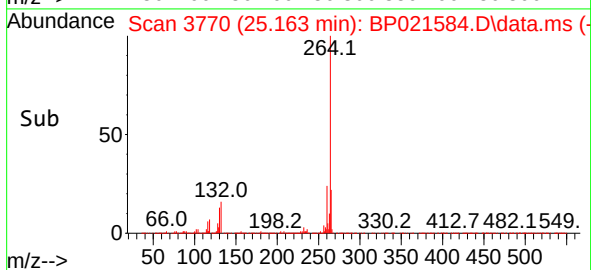
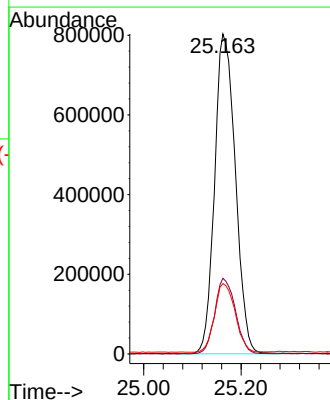
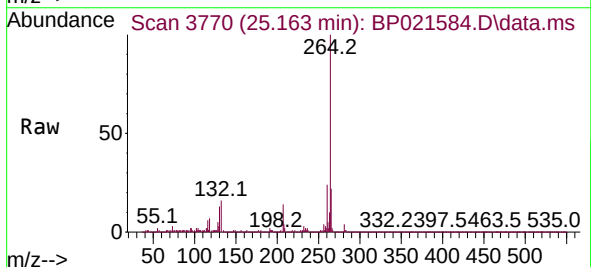
Tgt Ion:264 Resp: 2370127

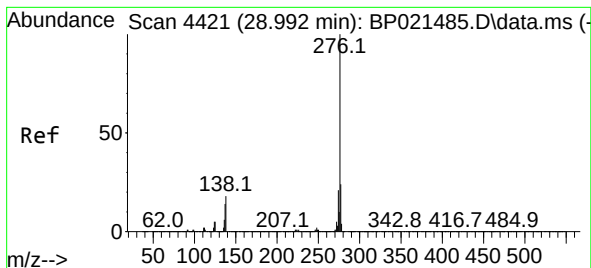
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.0 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.905 ng

RT: 29.103 min Scan# 44

Delta R.T. 0.112 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

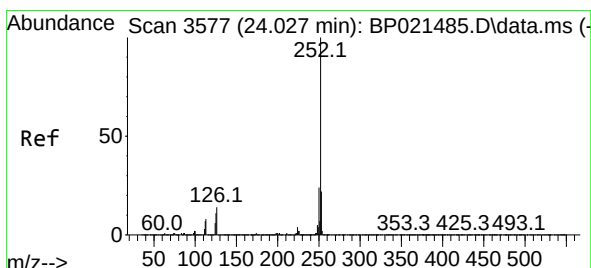
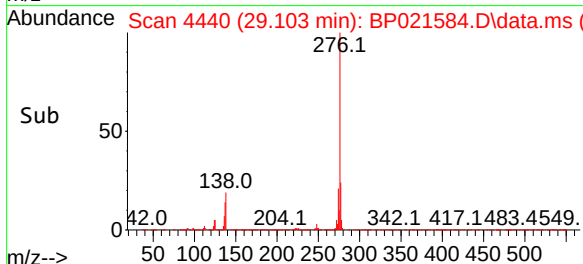
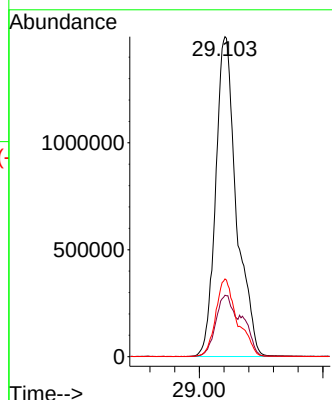
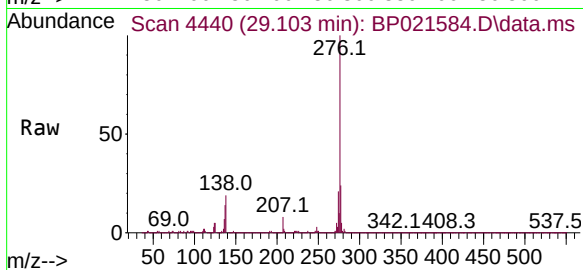
Tgt Ion:276 Resp: 8742596

Ion Ratio Lower Upper

276 100

138 17.3 12.8 19.2

277 25.3 16.5 24.7#



#88

Benzo(b)fluoranthene

Concen: 53.004 ng

RT: 24.092 min Scan# 3588

Delta R.T. 0.065 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

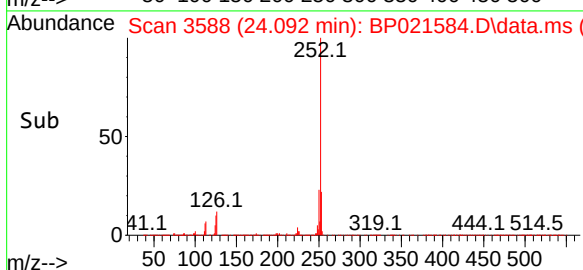
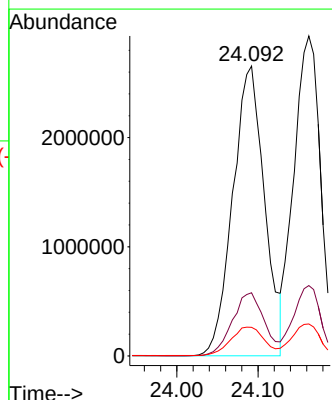
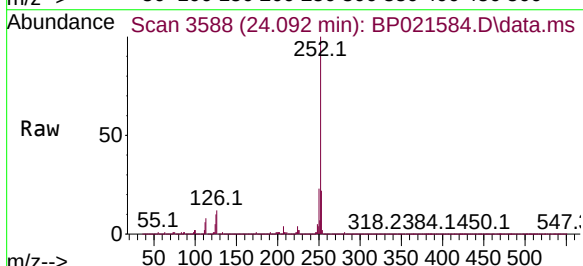
Tgt Ion:252 Resp: 7214997

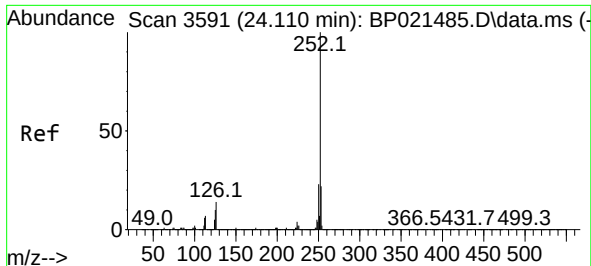
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.9 8.6 13.0

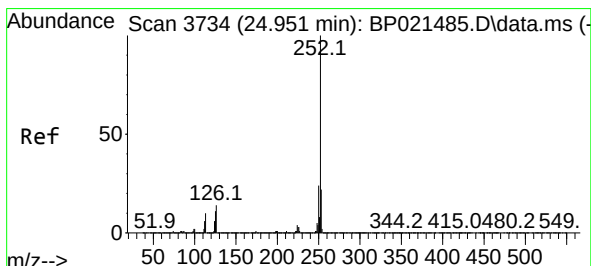
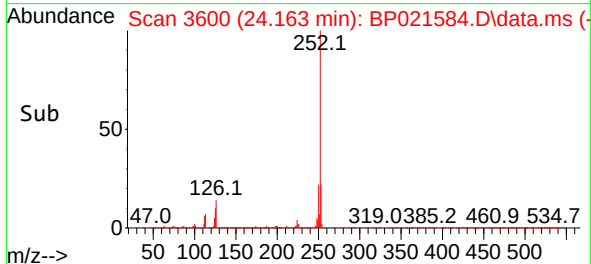
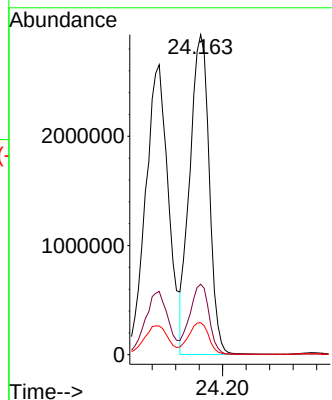
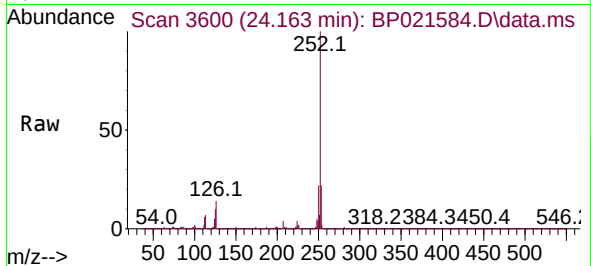




#89
Benzo(k)fluoranthene
Concen: 50.526 ng
RT: 24.163 min Scan# 30
Delta R.T. 0.053 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

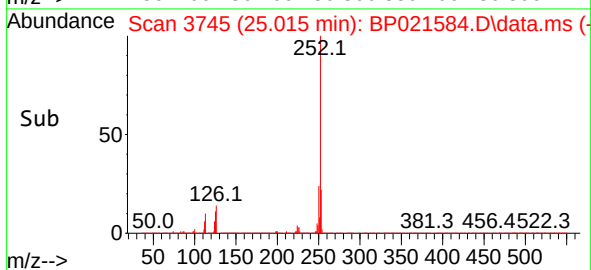
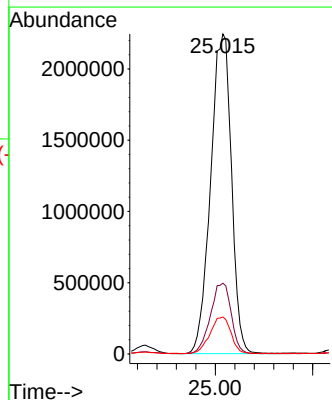
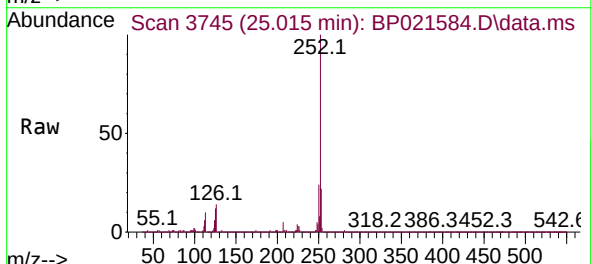
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MS

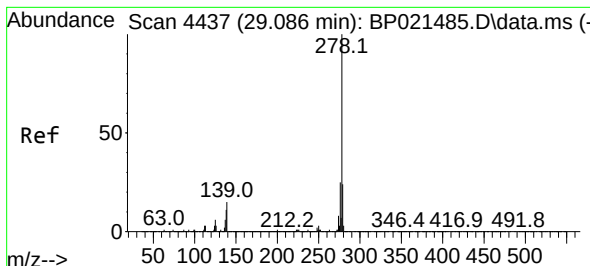
Tgt Ion:252 Resp: 6709229
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.0 7.8 11.8



#90
Benzo(a)pyrene
Concen: 56.307 ng
RT: 25.015 min Scan# 3745
Delta R.T. 0.065 min
Lab File: BP021584.D
Acq: 20 Aug 2024 23:10

Tgt Ion:252 Resp: 6651373
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.5 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 54.045 ng

RT: 29.180 min Scan# 4444

Delta R.T. 0.094 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MS

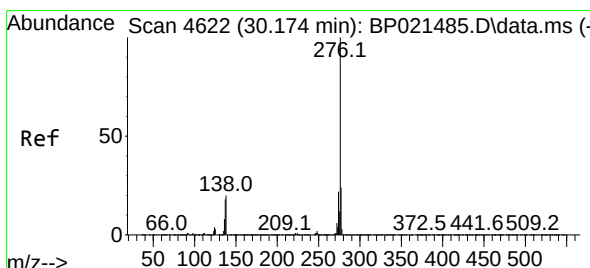
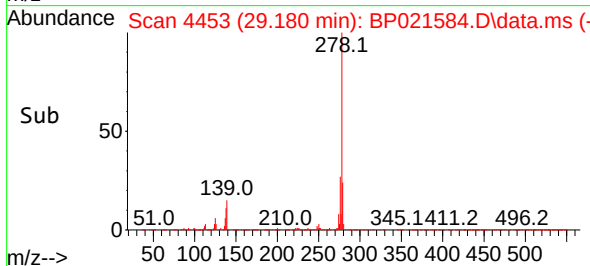
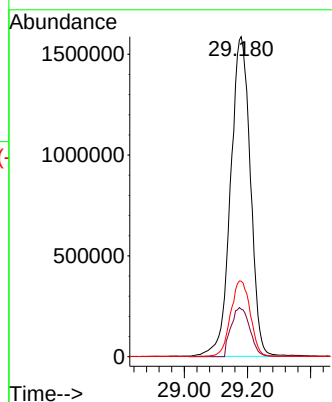
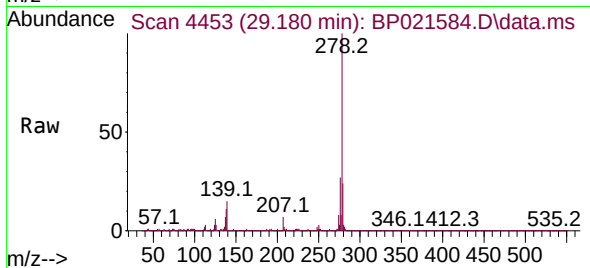
Tgt Ion:278 Resp: 6899043

Ion Ratio Lower Upper

278 100

139 14.9 12.2 18.4

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 53.220 ng

RT: 30.303 min Scan# 4644

Delta R.T. 0.129 min

Lab File: BP021584.D

Acq: 20 Aug 2024 23:10

Tgt Ion:276 Resp: 6809245

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 20.9 16.0 24.0

