

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
 Data File : BP009642.D
 Acq On : 31 Mar 2022 16:42
 Operator : CG/JU
 Sample : N2202-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MHFMSD

Quant Time: Apr 01 04:10:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	266787	20.000	ng	0.00
21) Naphthalene-d8	10.533	136	1064668	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	568341	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1167624	20.000	ng	0.00
76) Chrysene-d12	21.280	240	1374542	20.000	ng	0.00
86) Perylene-d12	23.662	264	1489022	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	2457211	160.807	ng	0.00
7) Phenol-d6	6.940	99	3071248	148.623	ng	0.00
23) Nitrobenzene-d5	8.898	82	1946509	97.156	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1232004	131.363	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	3470686	84.657	ng	0.00
79) Terphenyl-d14	19.739	244	6195621	80.903	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	250255	41.348	ng	98
3) Pyridine	3.663	79	813809	49.925	ng	99
4) n-Nitrosodimethylamine	3.575	42	350426	58.372	ng	98
6) Aniline	7.075	93	934799	39.691	ng	98
8) 2-Chlorophenol	7.316	128	961465	55.179	ng	97
9) Benzaldehyde	6.887	77	465126	48.949	ng	99
10) Phenol	6.963	94	1266075	61.070	ng	98
11) bis(2-Chloroethyl)ether	7.169	93	893009	54.427	ng	97
12) 1,3-Dichlorobenzene	7.628	146	1004439	51.075	ng	99
13) 1,4-Dichlorobenzene	7.775	146	968485	48.166	ng	99
14) 1,2-Dichlorobenzene	8.092	146	994123	51.152	ng	99
15) Benzyl Alcohol	7.992	79	845360	51.309	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.275	45	961676	54.071	ng	97
17) 2-Methylphenol	8.204	107	780145	54.607	ng	99
18) Hexachloroethane	8.810	117	356162	50.543	ng	95
19) n-Nitroso-di-n-propyla...	8.551	70	700592	53.601	ng	98
20) 3+4-Methylphenols	8.534	107	1094794	55.732	ng	99
22) Acetophenone	8.569	105	1394403	52.916	ng	# 97
24) Nitrobenzene	8.939	77	1056597	55.827	ng	99
25) Isophorone	9.475	82	1990781	58.253	ng	98
26) 2-Nitrophenol	9.651	139	539203	54.657	ng	97
27) 2,4-Dimethylphenol	9.728	122	921071	66.167	ng	99
28) bis(2-Chloroethoxy)met...	9.951	93	1202034	54.020	ng	98
29) 2,4-Dichlorophenol	10.198	162	926623	54.572	ng	100
30) 1,2,4-Trichlorobenzene	10.398	180	979822	49.807	ng	99
31) Naphthalene	10.586	128	2666841	48.629	ng	100
32) Benzoic acid	9.945	122	633163	58.177	ng	96
33) 4-Chloroaniline	10.704	127	508133	22.706	ng	99
34) Hexachlorobutadiene	10.869	225	640407	48.044	ng	99
35) Caprolactam	11.510	113	296670	51.770	ng	95
36) 4-Chloro-3-methylphenol	11.857	107	940942	51.570	ng	98
37) 2-Methylnaphthalene	12.204	142	1611542	41.882	ng	99
38) 1-Methylnaphthalene	12.422	142	1503809	40.118	ng	99
40) 1,2,4,5-Tetrachloroben...	12.580	216	945528	50.142	ng	# 98
41) Hexachlorocyclopentadiene	12.557	237	195963	28.987	ng	99
43) 2,4,6-Trichlorophenol	12.827	196	621630	49.735	ng	100

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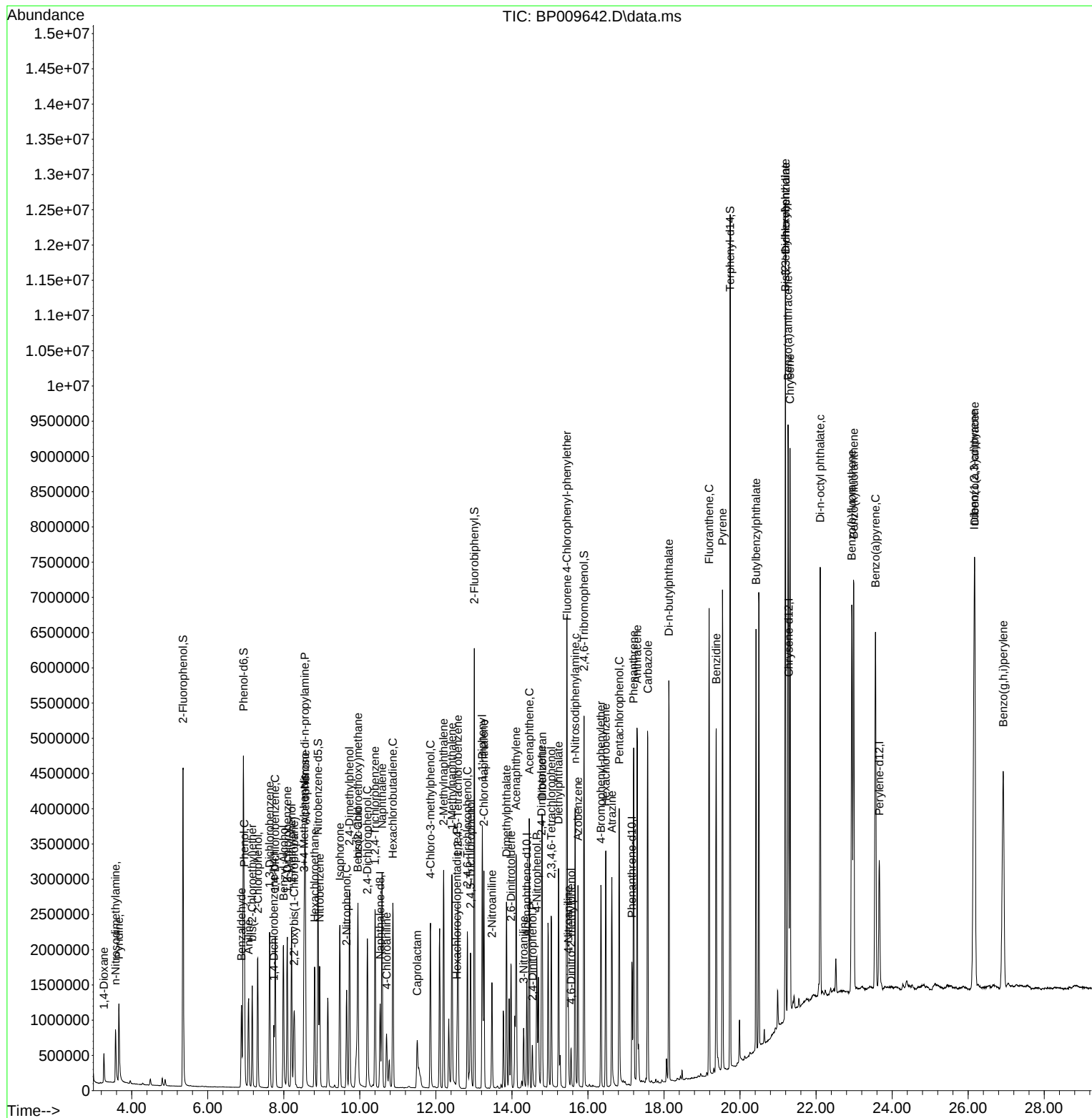
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	665690	49.046	ng	96
46) 1,1'-Biphenyl	13.222	154	2073683	48.909	ng	98
47) 2-Chloronaphthalene	13.263	162	1621999	48.591	ng	99
48) 2-Nitroaniline	13.474	65	444701	48.914	ng	93
49) Acenaphthylene	14.110	152	2647808	51.383	ng	100
50) Dimethylphthalate	13.857	163	1998268	46.402	ng	99
51) 2,6-Dinitrotoluene	13.980	165	449698	49.839	ng	91
52) Acenaphthene	14.457	154	1486188	48.281	ng	99
53) 3-Nitroaniline	14.310	138	263442	27.642	ng	95
54) 2,4-Dinitrophenol	14.539	184	202775	38.650	ng	93
55) Dibenzofuran	14.798	168	2416283	46.724	ng	99
56) 4-Nitrophenol	14.657	139	708283	99.701	ng	93
57) 2,4-Dinitrotoluene	14.780	165	609084	49.093	ng	96
58) Fluorene	15.451	166	1921329	47.240	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.039	232	580049	47.141	ng	91
60) Diethylphthalate	15.227	149	1974473	45.810	ng	98
61) 4-Chlorophenyl-phenyle...	15.445	204	1054708	47.076	ng	95
62) 4-Nitroaniline	15.480	138	422545	42.217	ng	97
63) Azobenzene	15.739	77	1699876	45.338	ng	94
65) 4,6-Dinitro-2-methylph...	15.557	198	159869	21.293	ng	91
66) n-Nitrosodiphenylamine	15.663	169	1706449	49.386	ng	98
67) 4-Bromophenyl-phenylether	16.345	248	699325	48.946	ng	93
68) Hexachlorobenzene	16.468	284	820037	49.869	ng	# 93
69) Atrazine	16.627	200	645114	53.102	ng	99
70) Pentachlorophenol	16.821	266	913200	103.889	ng	99
71) Phenanthrene	17.204	178	3063540	49.014	ng	99
72) Anthracene	17.292	178	3436159	55.682	ng	100
73) Carbazole	17.574	167	3580548	59.328	ng	99
74) Di-n-butylphthalate	18.127	149	4379395	61.924	ng	100
75) Fluoranthene	19.186	202	4113810	54.365	ng	99
77) Benzidine	19.374	184	3444936	102.248	ng	100
78) Pyrene	19.539	202	4379342	48.350	ng	99
80) Butylbenzylphthalate	20.421	149	1925951	50.027	ng	97
81) Benzo(a)anthracene	21.262	228	4476499	49.570	ng	100
82) 3,3'-Dichlorobenzidine	21.198	252	1649456	47.281	ng	97
83) Chrysene	21.315	228	4095085	47.889	ng	99
84) Bis(2-ethylhexyl)phtha...	21.192	149	2706992	50.446	ng	100
85) Di-n-octyl phthalate	22.109	149	4734485	51.187	ng	98
87) Indeno(1,2,3-cd)pyrene	26.162	276	5168639	45.753	ng	97
88) Benzo(b)fluoranthene	22.939	252	4491489	50.528	ng	99
89) Benzo(k)fluoranthene	22.992	252	4461768	51.265	ng	99
90) Benzo(a)pyrene	23.562	252	4445071	58.447	ng	98
91) Dibenzo(a,h)anthracene	26.174	278	4523104	48.041	ng	97
92) Benzo(g,h,i)perylene	26.921	276	4477228	48.339	ng	96

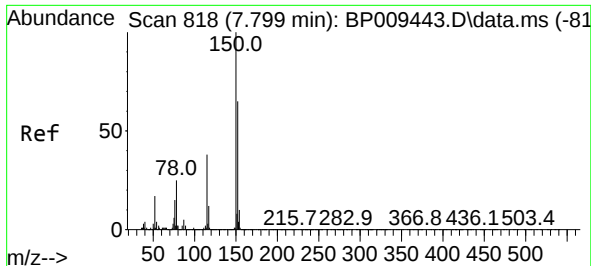
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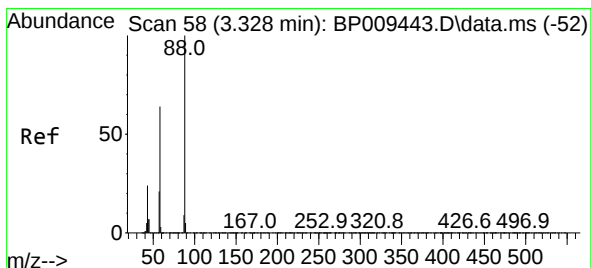
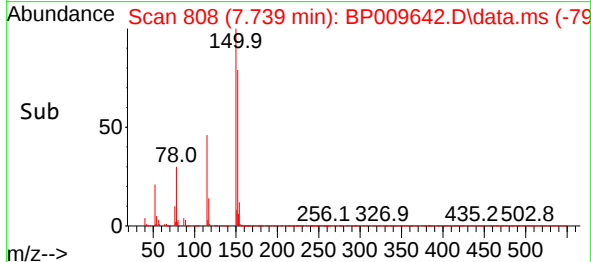
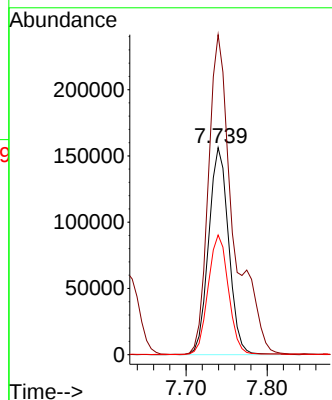
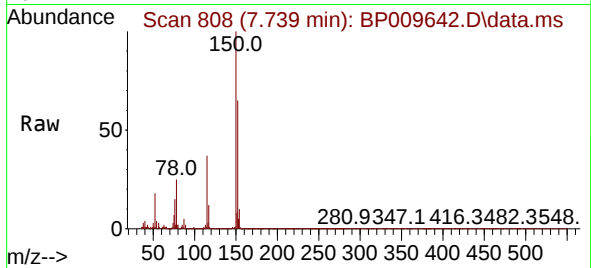




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.739 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: BP009642.D
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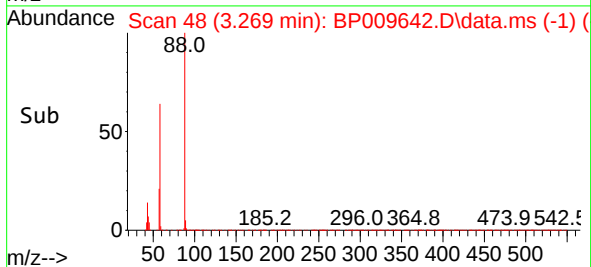
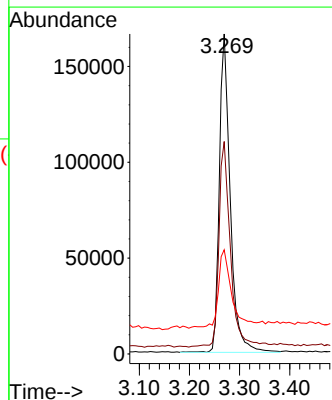
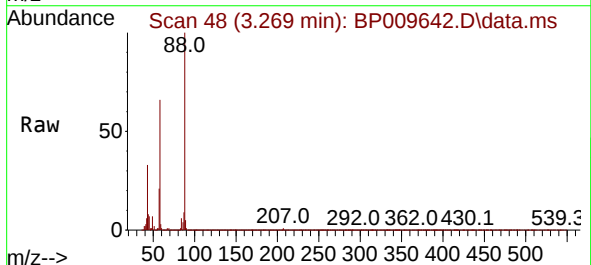
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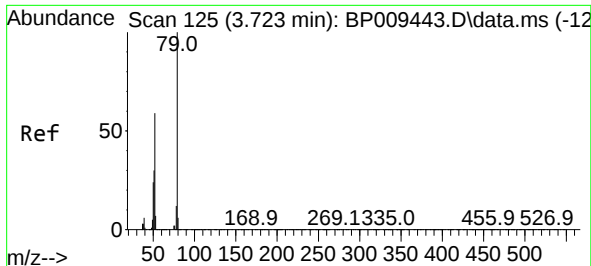
Tgt Ion:152 Resp: 266787
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.5 186.7
 115 57.8 48.2 72.4



#2
 1,4-Dioxane
 Concen: 41.348 ng
 RT: 3.269 min Scan# 48
 Delta R.T. 0.006 min
 Lab File: BP009642.D
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Tgt Ion: 88 Resp: 250255
 Ion Ratio Lower Upper
 88 100
 58 68.3 54.2 81.2
 43 28.3 20.4 30.6

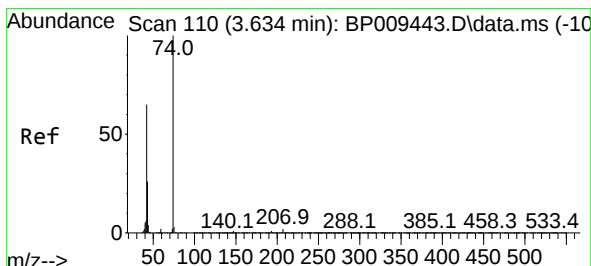
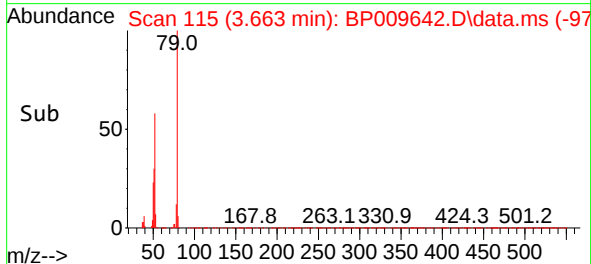
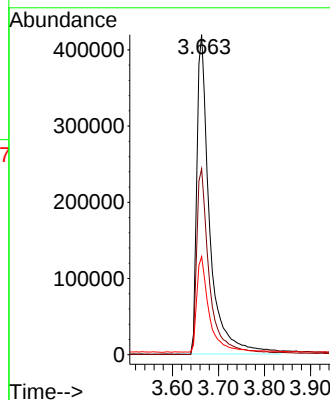
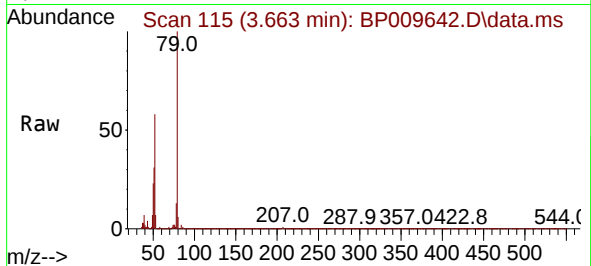




#3
 Pyridine
 Concen: 49.925 ng
 RT: 3.663 min Scan# 115
 Delta R.T. 0.006 min
 Lab File: BP009642.D
 Acq: 31 Mar 2022 16:42

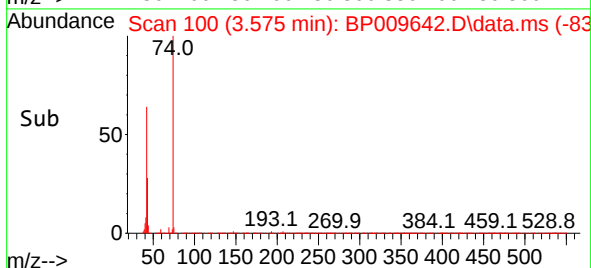
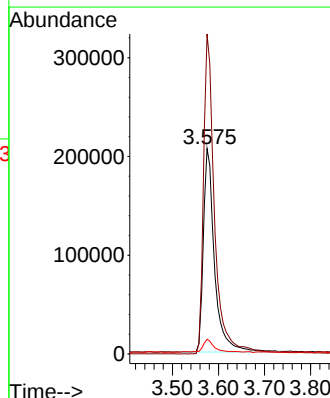
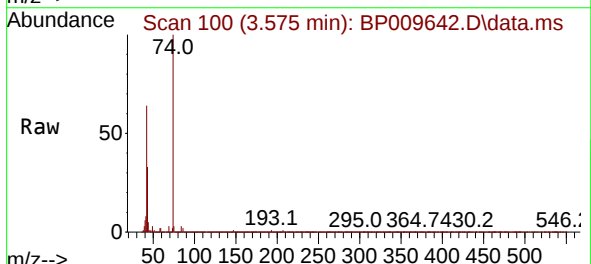
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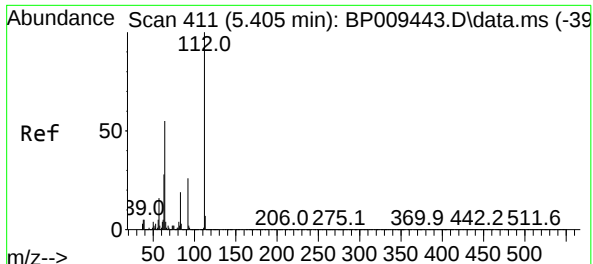
Tgt Ion: 79 Resp: 813809
 Ion Ratio Lower Upper
 79 100
 52 58.1 47.5 71.3
 51 30.6 24.1 36.1



#4
 n-Nitrosodimethylamine
 Concen: 58.372 ng
 RT: 3.575 min Scan# 100
 Delta R.T. -0.000 min
 Lab File: BP009642.D
 Acq: 31 Mar 2022 16:42

Tgt Ion: 42 Resp: 350426
 Ion Ratio Lower Upper
 42 100
 74 155.7 122.1 183.1
 44 7.1 5.8 8.8

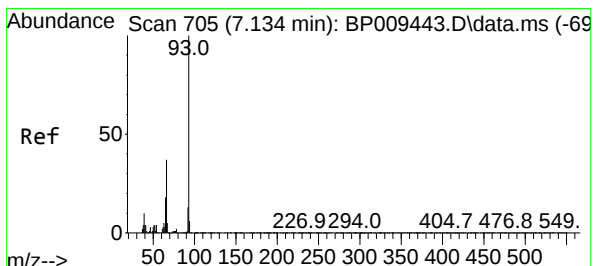
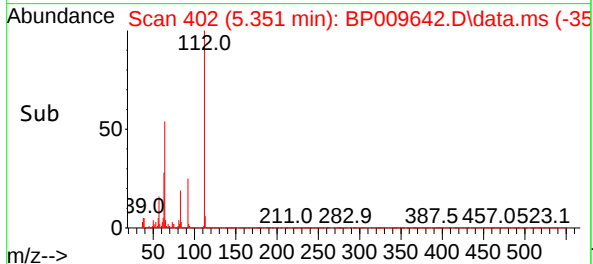
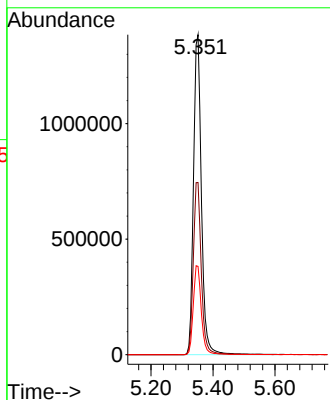
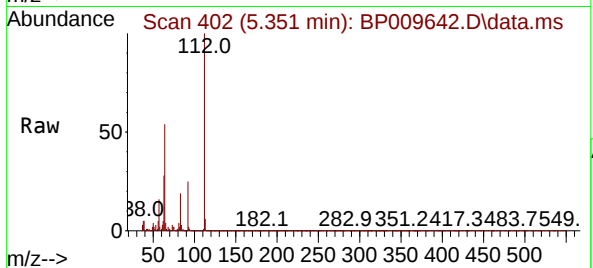




#5
2-Fluorophenol
Concen: 160.807 ng
RT: 5.351 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

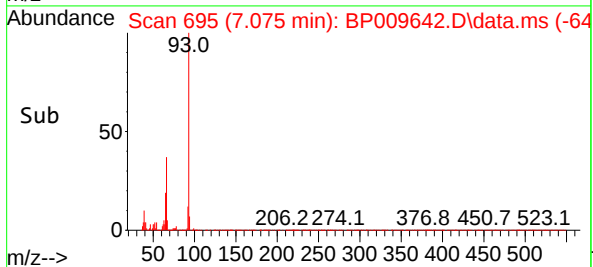
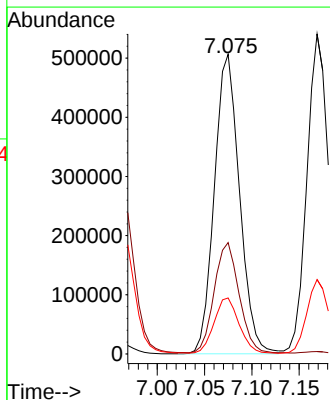
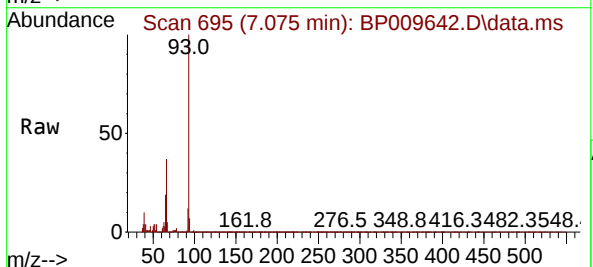
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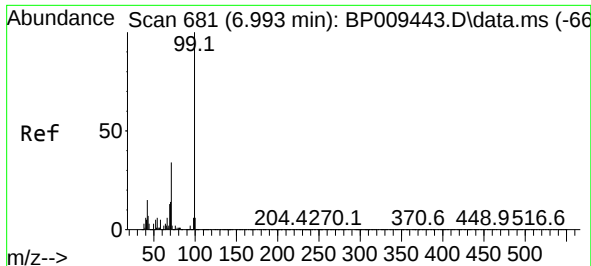
Tgt Ion:112 Resp: 2457211
Ion Ratio Lower Upper
112 100
64 53.8 45.0 67.4
63 27.6 23.0 34.6



#6
Aniline
Concen: 39.691 ng
RT: 7.075 min Scan# 695
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion: 93 Resp: 934799
Ion Ratio Lower Upper
93 100
66 37.2 30.9 46.3
65 18.7 15.8 23.8

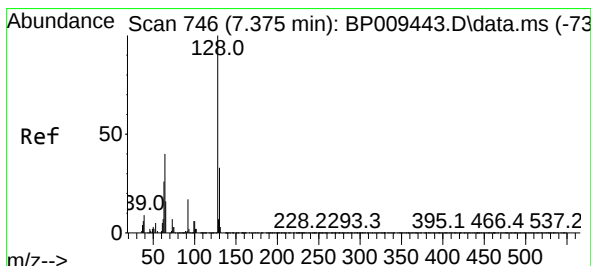
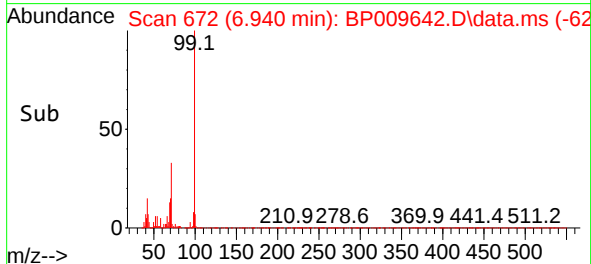
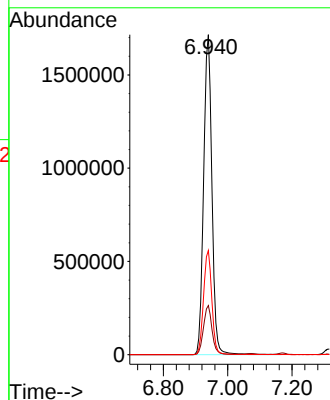
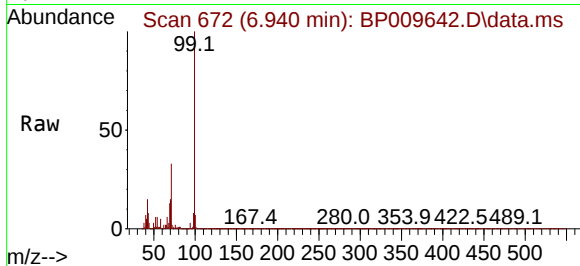




#7
Phenol-d6
Concen: 148.623 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.006 min
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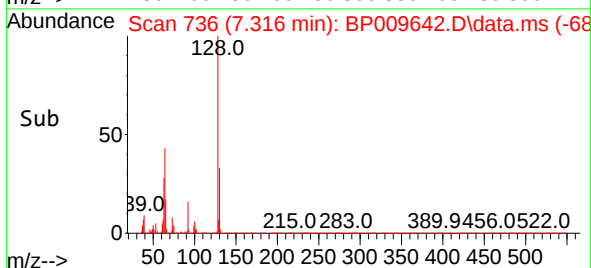
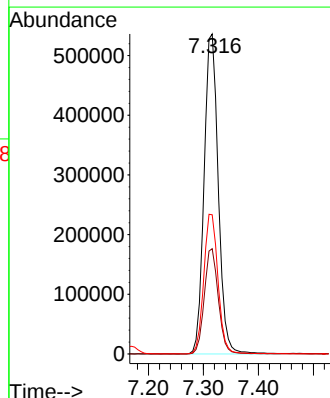
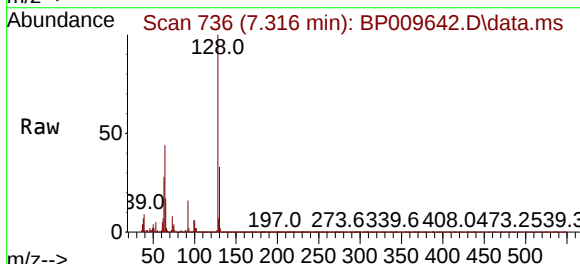
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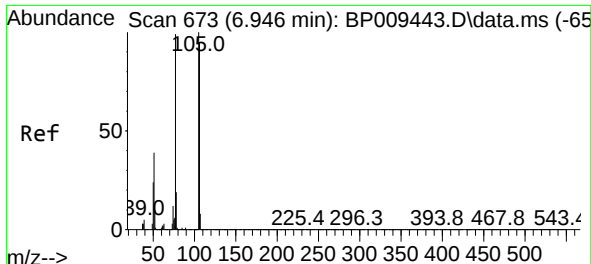
Tgt Ion: 99 Resp: 3071248
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 32.5 26.3 39.5



#8
2-Chlorophenol
Concen: 55.179 ng
RT: 7.316 min Scan# 736
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:128 Resp: 961465
Ion Ratio Lower Upper
128 100
130 32.9 12.5 52.5
64 43.5 26.2 66.2

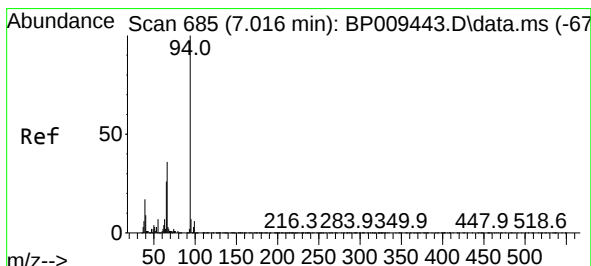
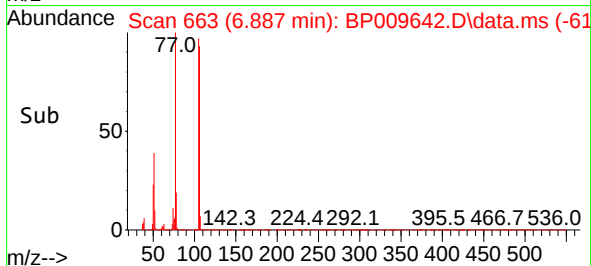
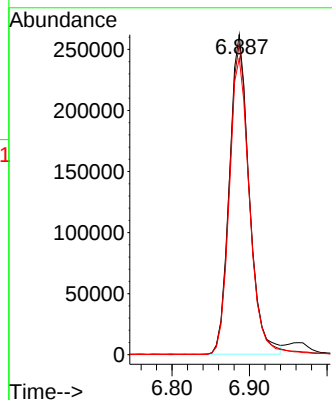
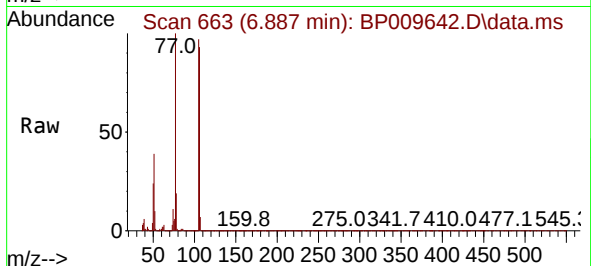




#9
Benzaldehyde
Concen: 48.949 ng
RT: 6.887 min Scan# 61
Delta R.T. 0.006 min
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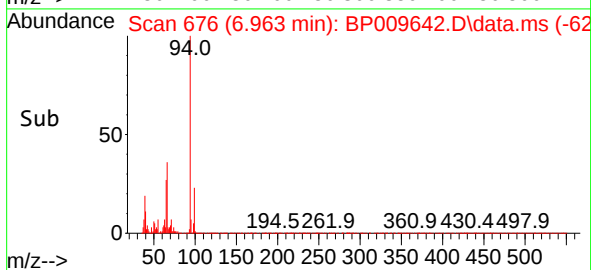
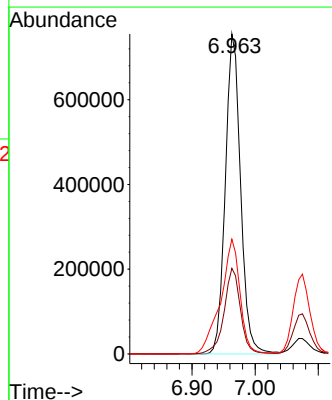
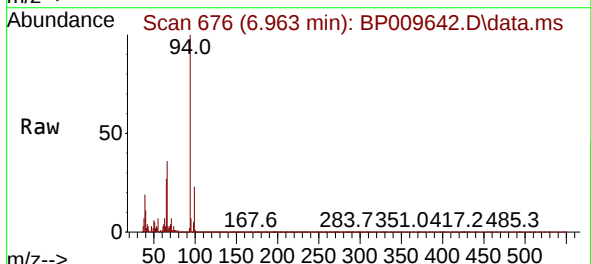
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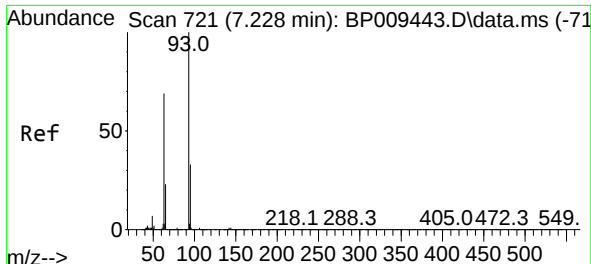
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Ion Ratio Lower Upper
77 100
105 97.1 75.2 115.2
106 92.6 72.3 112.3



#10
Phenol
Concen: 61.070 ng
RT: 6.963 min Scan# 676
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion: 94 Resp: 1266075
Ion Ratio Lower Upper
94 100
65 26.8 7.2 47.2
66 35.8 14.3 54.3

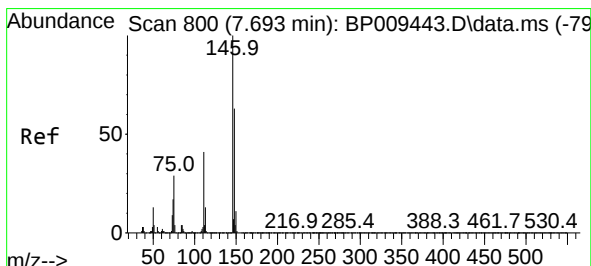
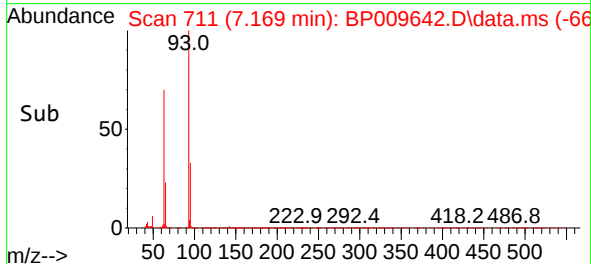
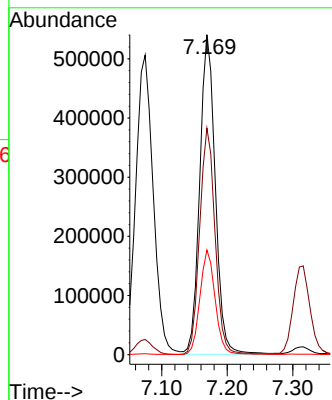
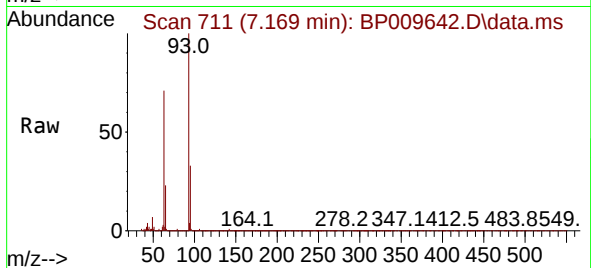




#11
bis(2-Chloroethyl)ether
Concen: 54.427 ng
RT: 7.169 min Scan# 711
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

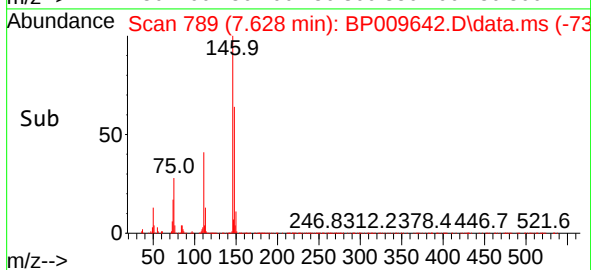
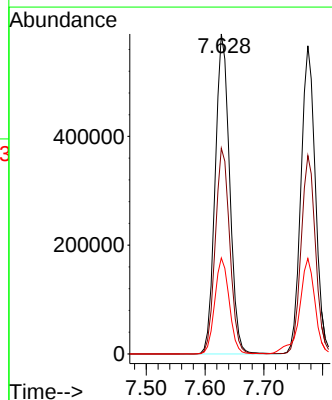
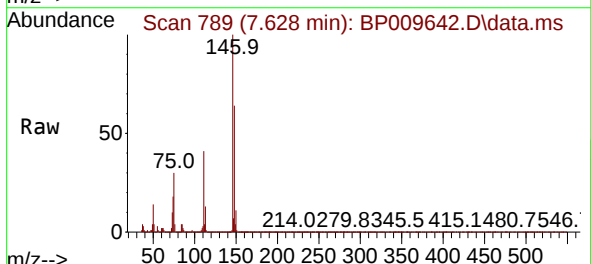
Instrument :
BNA_P
ClientSampleId :
MHFMSD

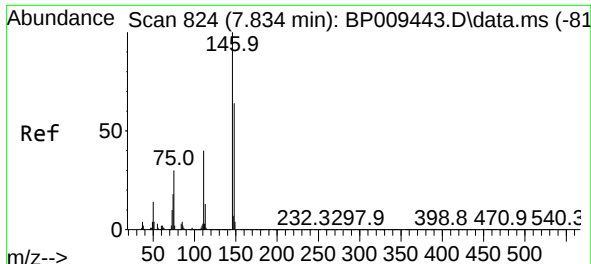
Tgt Ion: 93 Resp: 893009
Ion Ratio Lower Upper
93 100
63 70.8 53.5 93.5
95 32.7 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 51.075 ng
RT: 7.628 min Scan# 789
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:146 Resp: 1004439
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
75 30.0 25.3 37.9

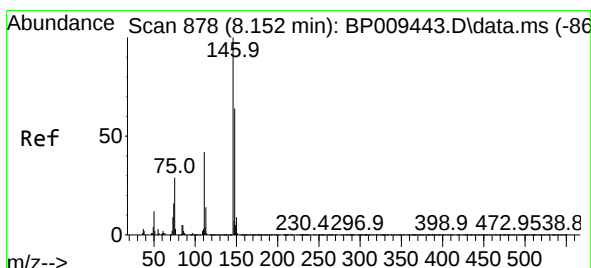
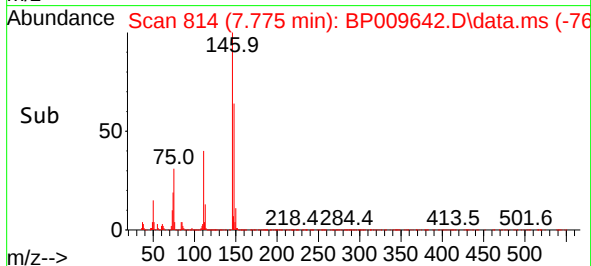
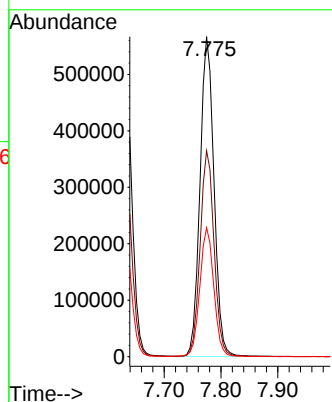
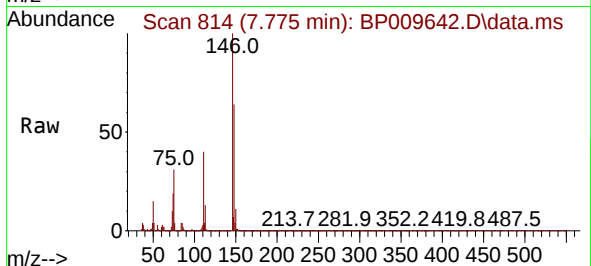




#13
1,4-Dichlorobenzene
Concen: 48.166 ng
RT: 7.775 min Scan# 811
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

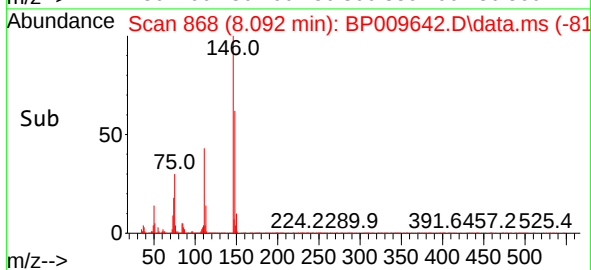
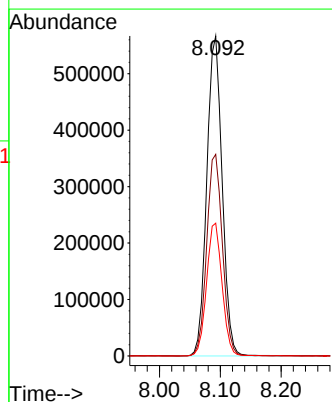
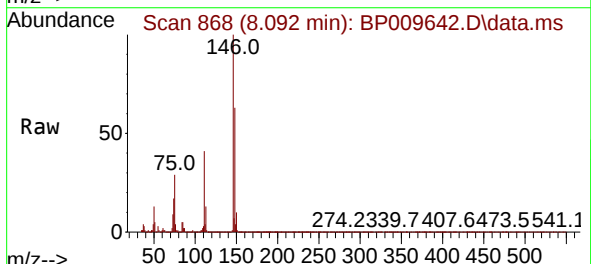
Instrument :
BNA_P
ClientSampleId :
MHFMSD

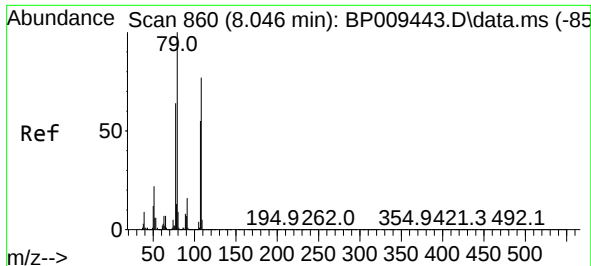
Tgt Ion:146 Resp: 968485
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 40.3 32.1 48.1



#14
1,2-Dichlorobenzene
Concen: 51.152 ng
RT: 8.092 min Scan# 868
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:146 Resp: 994123
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
111 41.5 34.1 51.1

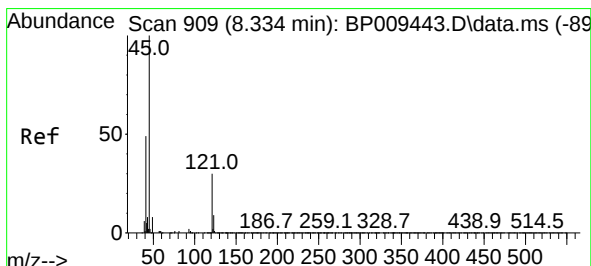
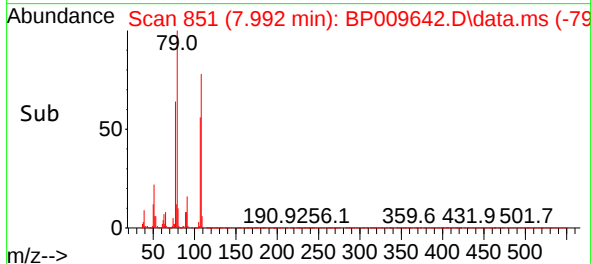
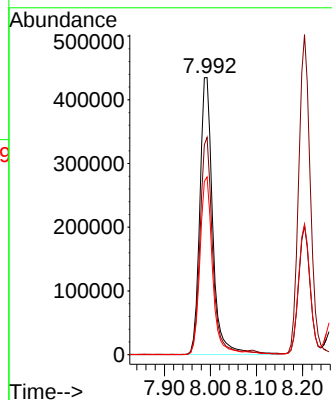
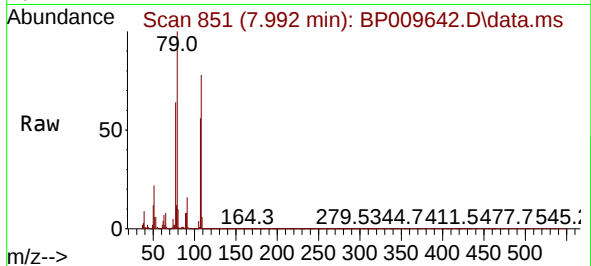




#15
Benzyl Alcohol
Concen: 51.309 ng
RT: 7.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

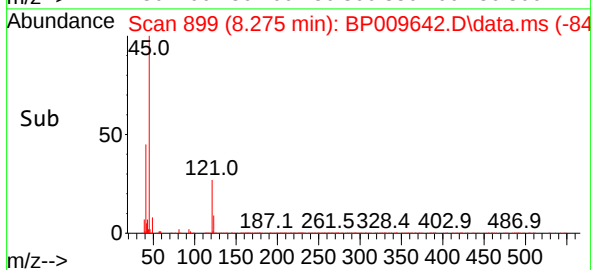
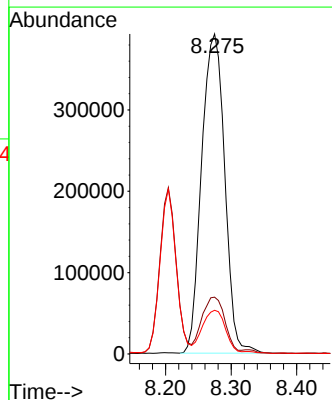
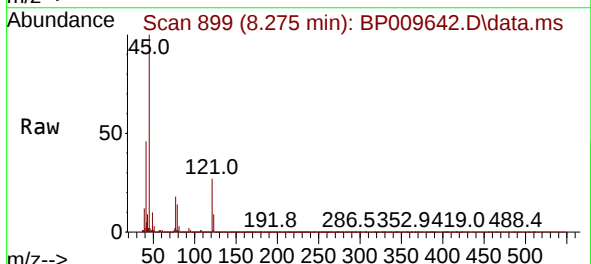
Instrument :
BNA_P
ClientSampleId :
MHFMSD

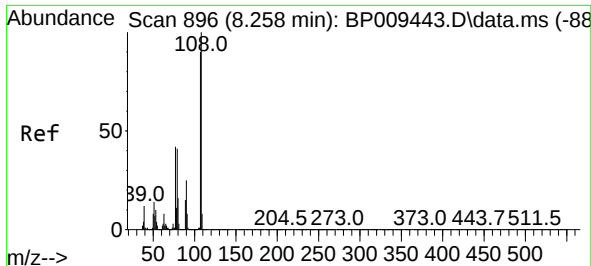
Tgt Ion: 79 Resp: 845360
Ion Ratio Lower Upper
79 100
108 78.4 62.5 93.7
77 64.1 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.071 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion: 45 Resp: 961676
Ion Ratio Lower Upper
45 100
77 17.8 0.0 36.5
79 13.7 0.0 32.4

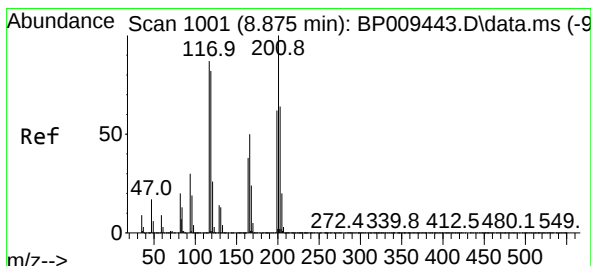
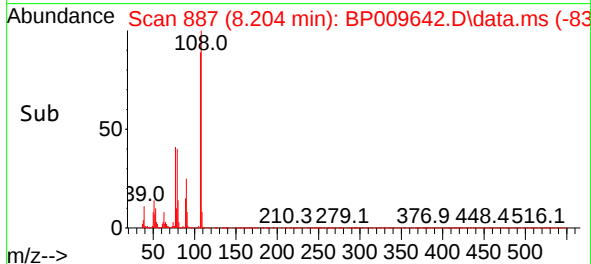
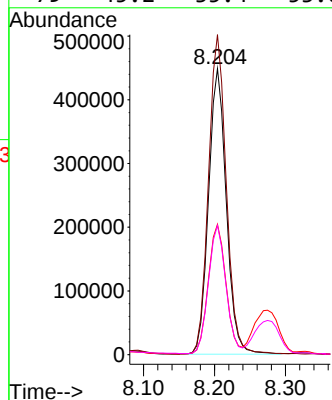
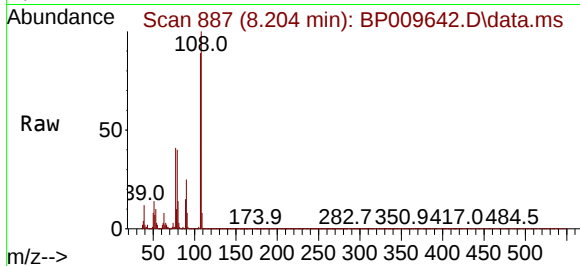




#17
2-Methylphenol
Concen: 54.607 ng
RT: 8.204 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

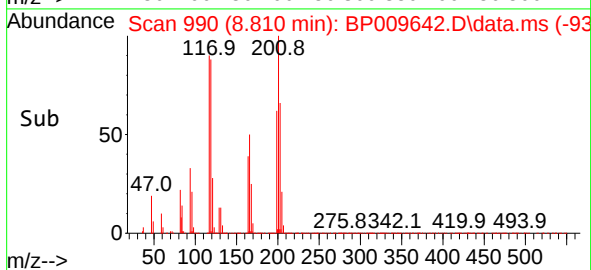
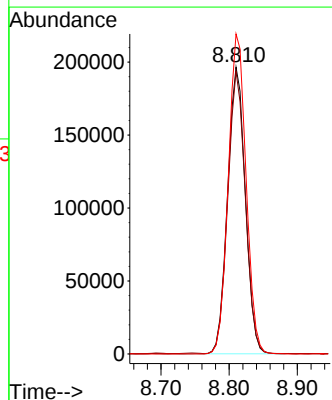
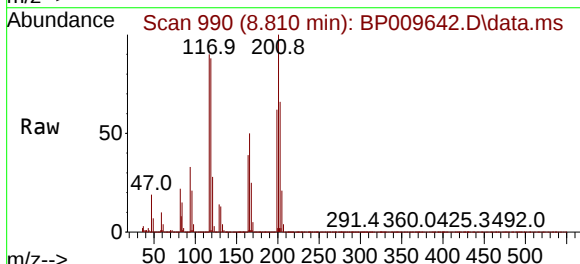
Instrument :
BNA_P
ClientSampleId :
MHFMSD

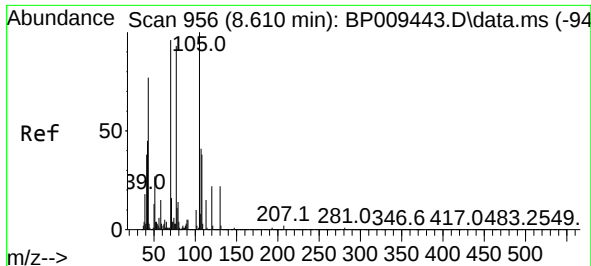
Tgt Ion:107 Resp: 780145
Ion Ratio Lower Upper
107 100
108 111.9 90.2 135.2
77 45.6 36.3 54.5
79 45.2 35.4 53.0



#18
Hexachloroethane
Concen: 50.543 ng
RT: 8.810 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:117 Resp: 356162
Ion Ratio Lower Upper
117 100
119 98.5 76.4 114.6
201 111.6 83.4 125.2



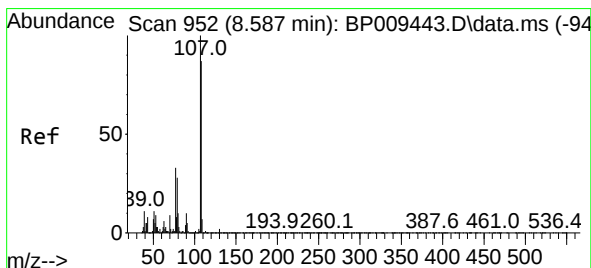
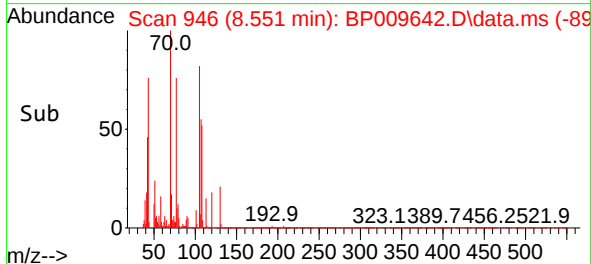
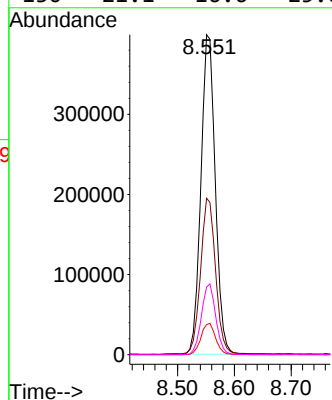
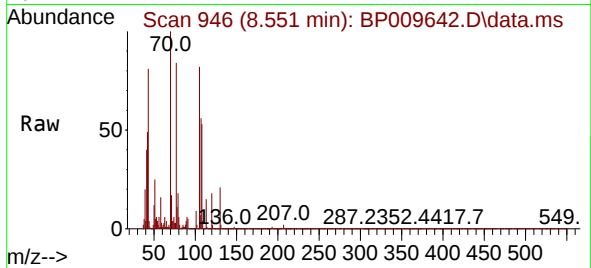


#19
n-Nitroso-di-n-propylamine
Concen: 53.601 ng
RT: 8.551 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Instrument :
BNA_P
ClientSampleId :
MHFMSD

Tgt Ion: 70 Resp: 700592

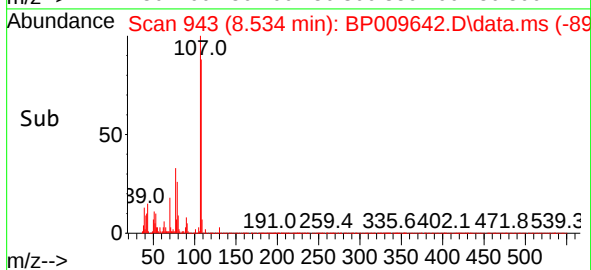
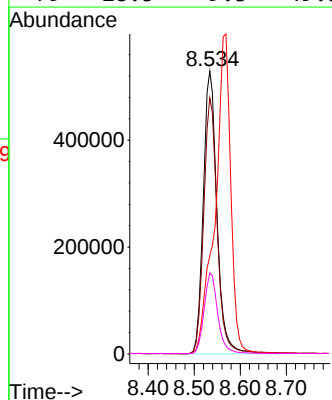
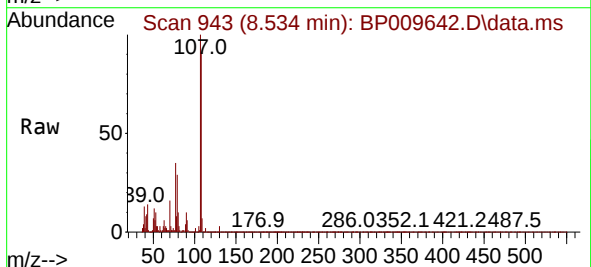
Ion	Ratio	Lower	Upper
70	100		
42	48.9	41.0	61.4
101	9.4	7.9	11.9
130	21.1	16.6	25.0

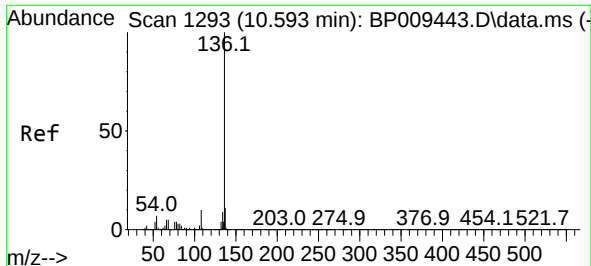


#20
3+4-Methylphenols
Concen: 55.732 ng
RT: 8.534 min Scan# 943
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion: 107 Resp: 1094794

Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.4	109.4
77	34.7	13.6	53.6
79	28.5	9.3	49.3



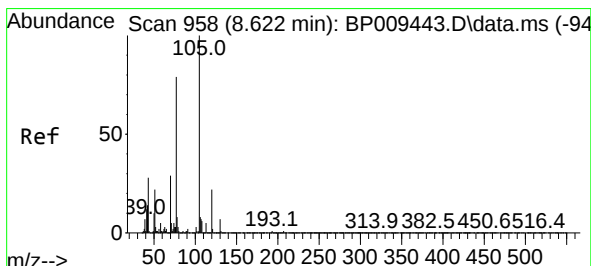
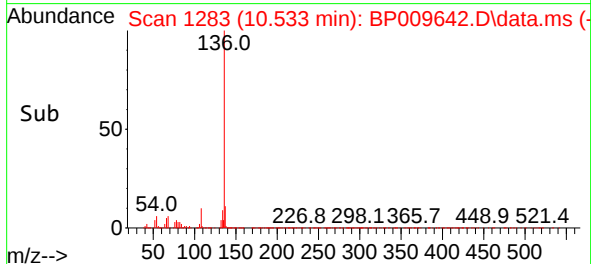
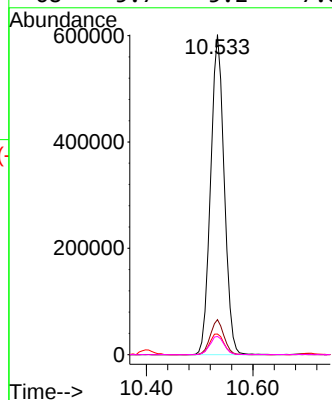
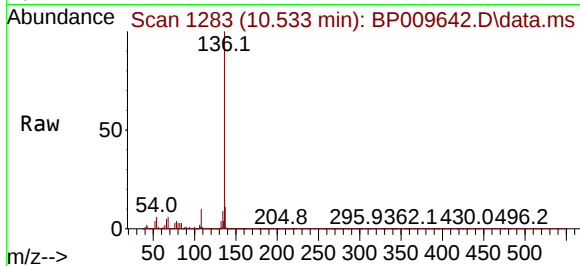


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.533 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Instrument :
BNA_P
ClientSampleId :
MHFMSD

Tgt Ion:136 Resp: 1064668

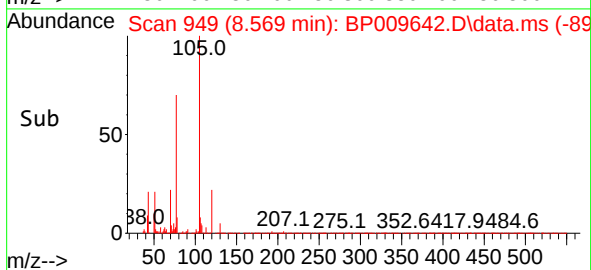
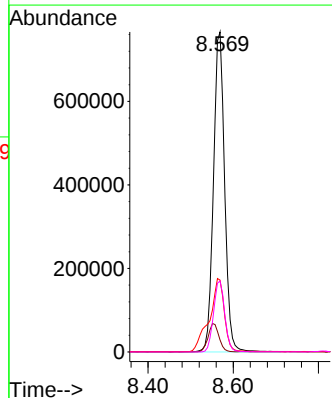
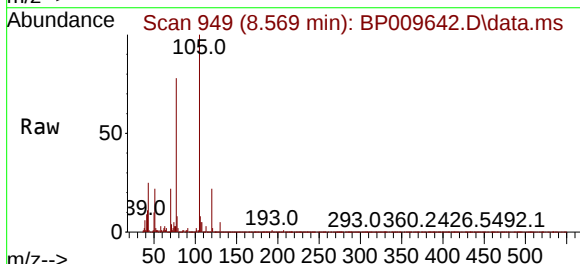
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.5	5.8	8.8
68	5.7	5.2	7.8

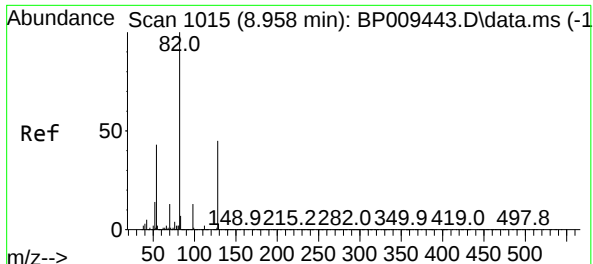


#22
Acetophenone
Concen: 52.916 ng
RT: 8.569 min Scan# 949
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:105 Resp: 1394403

Ion	Ratio	Lower	Upper
105	100		
71	3.8	5.5	8.3
51	22.5	18.9	28.3
120	22.1	18.1	27.1





#23

Nitrobenzene-d5

Concen: 97.156 ng

RT: 8.898 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

Instrument :

BNA_P

ClientSampleId :

MHFMSD

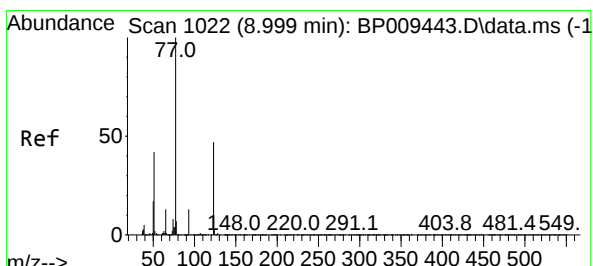
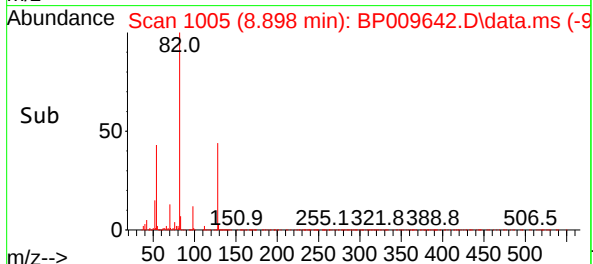
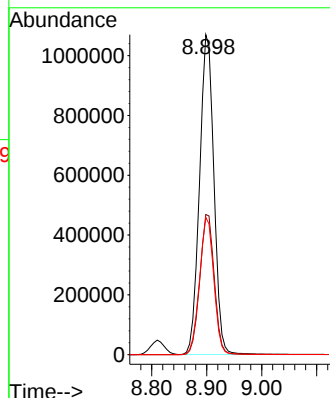
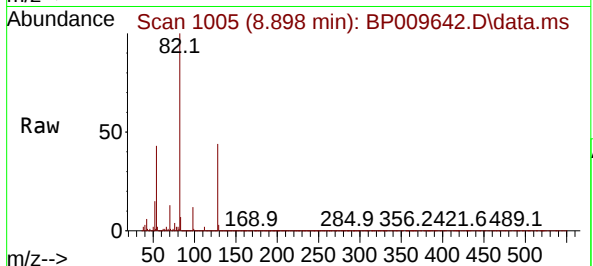
Tgt Ion: 82 Resp: 1946509

Ion Ratio Lower Upper

82 100

128 43.8 34.2 51.4

54 42.9 34.7 52.1



#24

Nitrobenzene

Concen: 55.827 ng

RT: 8.939 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

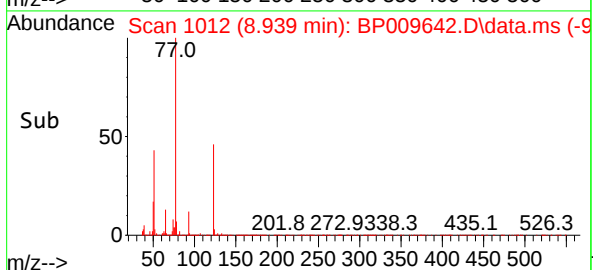
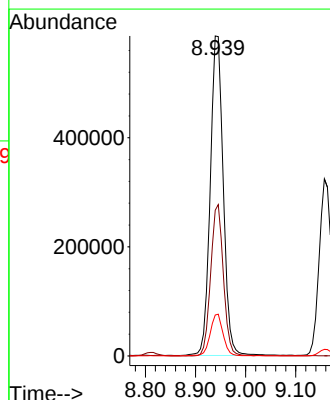
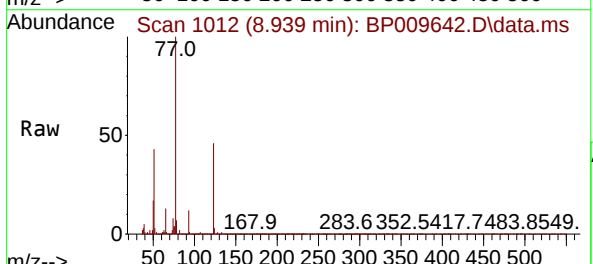
Tgt Ion: 77 Resp: 1056597

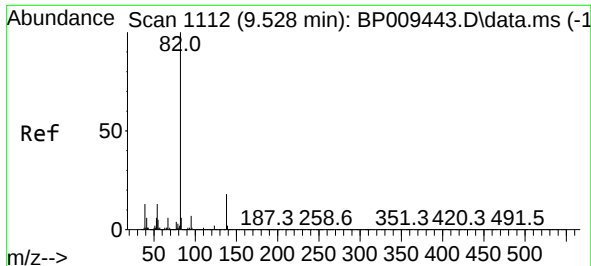
Ion Ratio Lower Upper

77 100

123 45.6 35.5 53.3

65 12.8 10.3 15.5

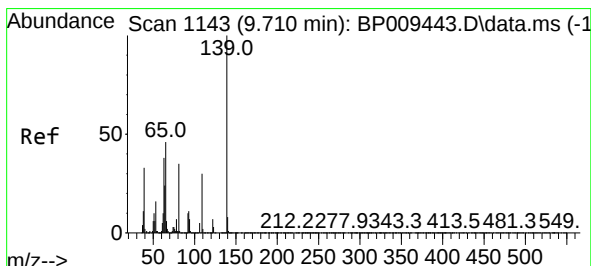
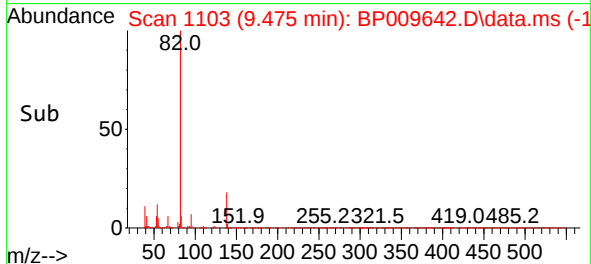
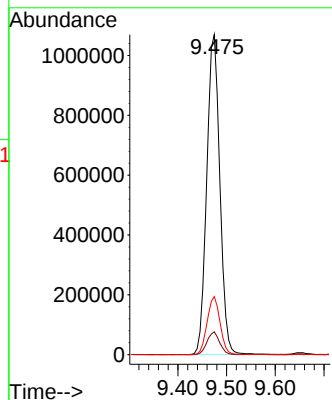
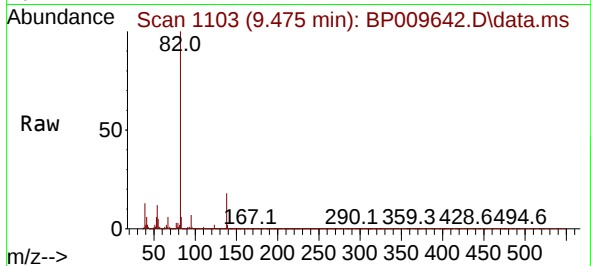




#25
Isophorone
Concen: 58.253 ng
RT: 9.475 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

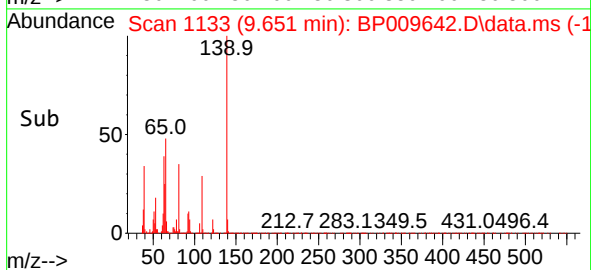
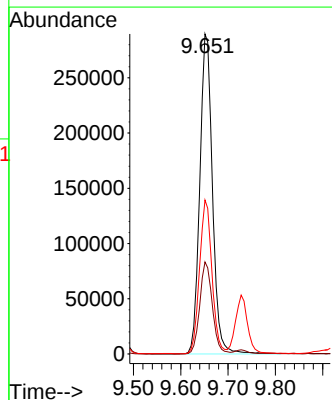
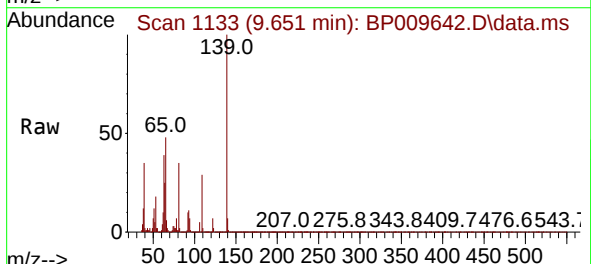
Instrument :
BNA_P
ClientSampleId :
MHFMSD

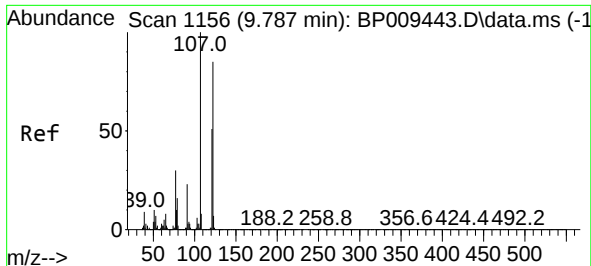
Tgt Ion: 82 Resp: 1990781
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.1 13.8 20.8



#26
2-Nitrophenol
Concen: 54.657 ng
RT: 9.651 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion: 139 Resp: 539203
Ion Ratio Lower Upper
139 100
109 28.8 23.4 35.0
65 48.1 41.0 61.6





#27

2,4-Dimethylphenol

Concen: 66.167 ng

RT: 9.728 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

Instrument :

BNA_P

ClientSampleId :

MHFMSD

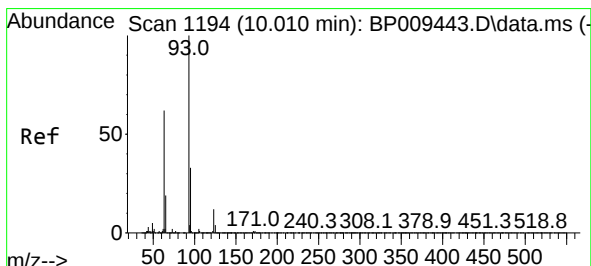
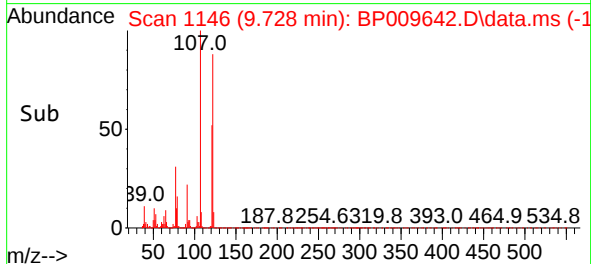
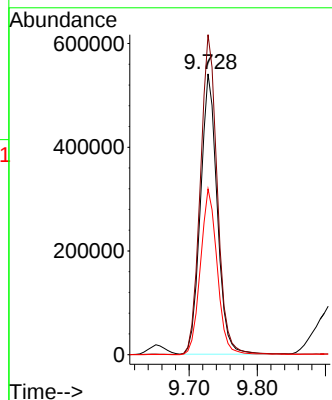
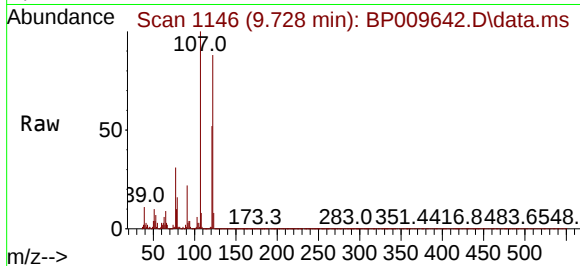
Tgt Ion:122 Resp: 921071

Ion Ratio Lower Upper

122 100

107 113.9 92.6 138.8

121 59.0 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 54.020 ng

RT: 9.951 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

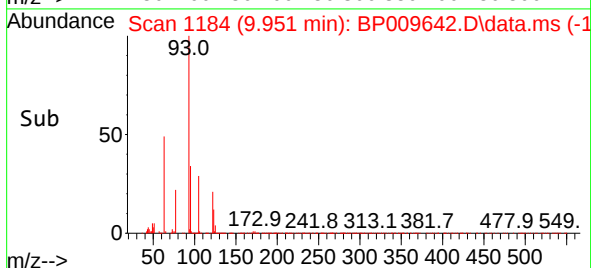
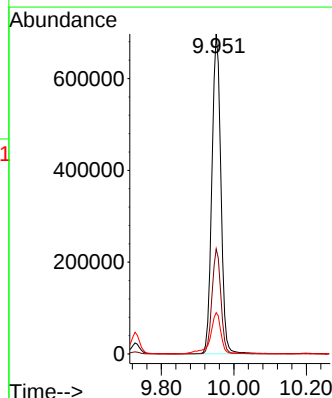
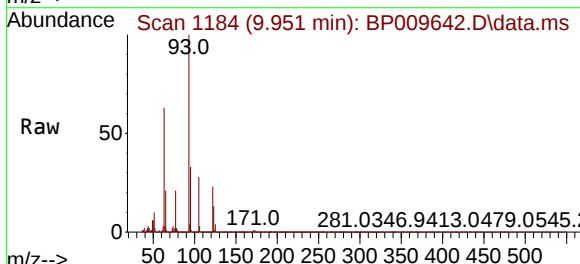
Tgt Ion: 93 Resp: 1202034

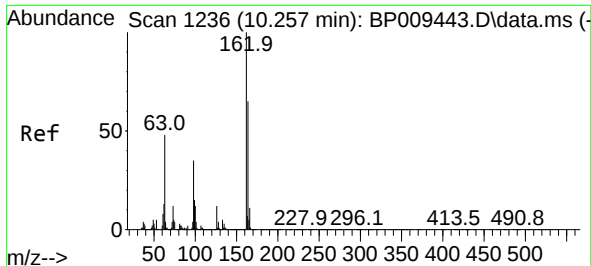
Ion Ratio Lower Upper

93 100

95 32.8 25.5 38.3

123 12.9 8.9 13.3

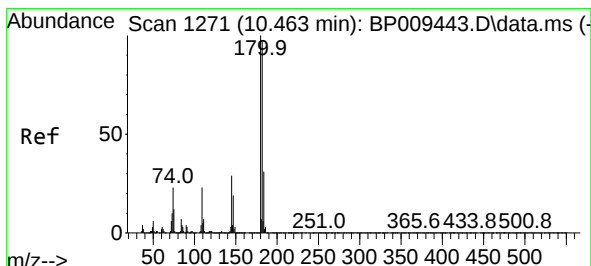
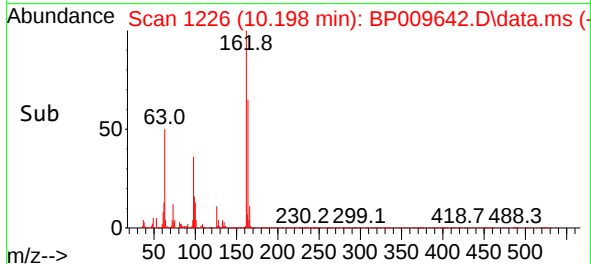
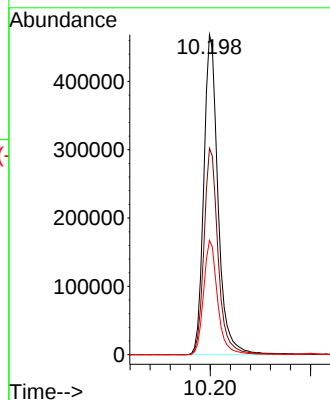
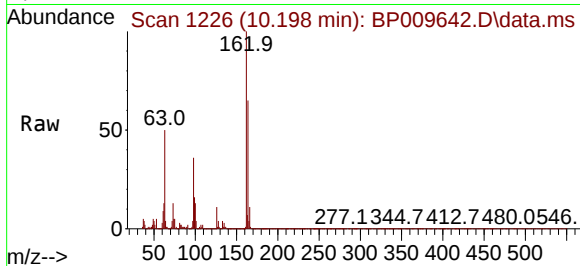




#29
2,4-Dichlorophenol
Concen: 54.572 ng
RT: 10.198 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

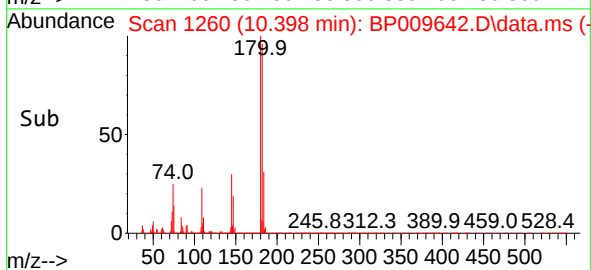
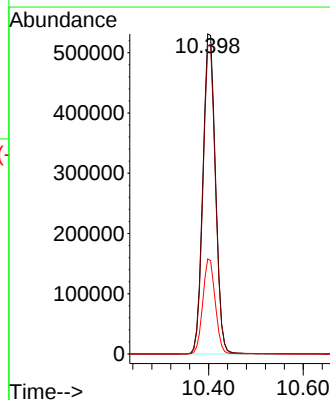
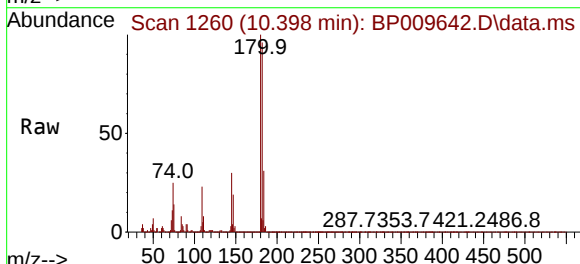
Instrument :
BNA_P
ClientSampleId :
MHFMSD

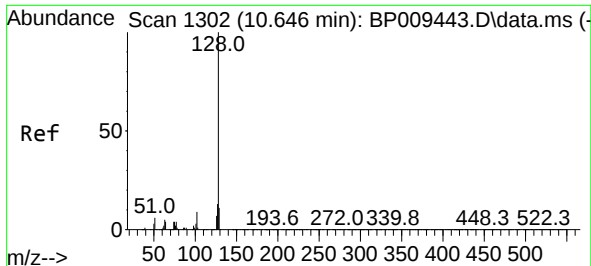
Tgt Ion:162 Resp: 926623
Ion Ratio Lower Upper
162 100
164 64.5 44.3 84.3
98 35.7 15.6 55.6



#30
1,2,4-Trichlorobenzene
Concen: 49.807 ng
RT: 10.398 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:180 Resp: 979822
Ion Ratio Lower Upper
180 100
182 96.3 76.4 114.6
145 29.7 23.8 35.6

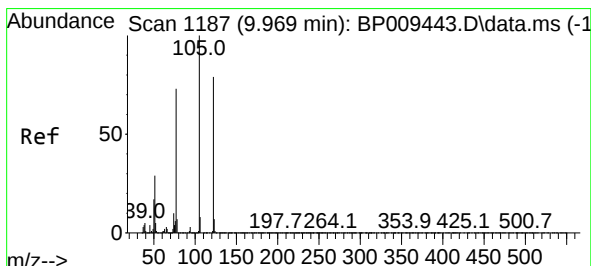
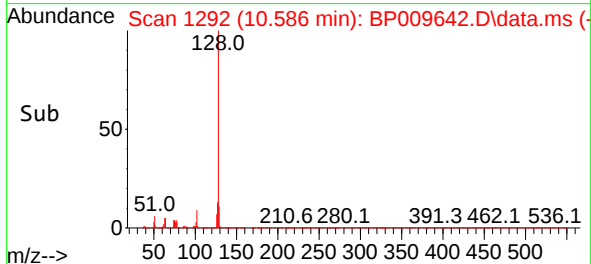
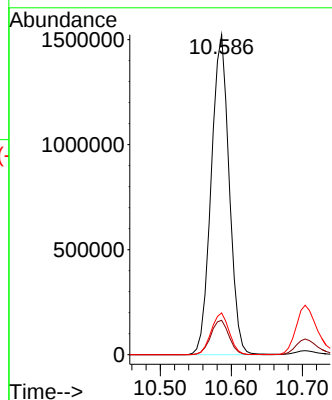
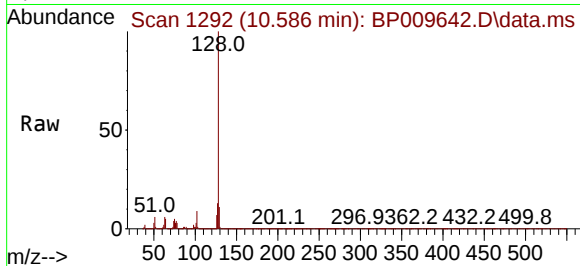




#31
Naphthalene
Concen: 48.629 ng
RT: 10.586 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

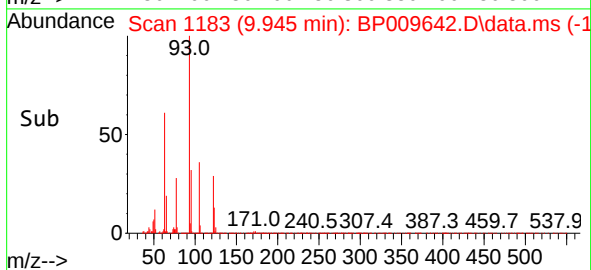
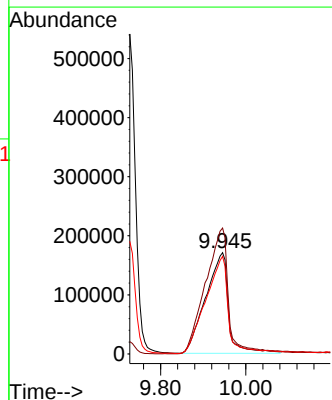
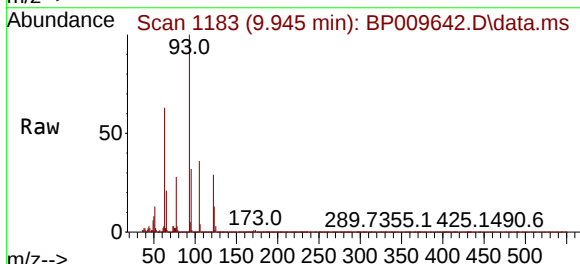
Instrument :
BNA_P
ClientSampleId :
MHFMSD

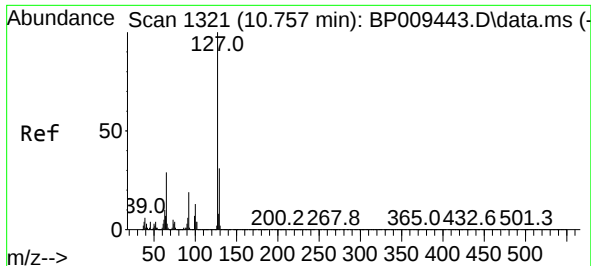
Tgt Ion:128 Resp: 2666841
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 58.177 ng
RT: 9.945 min Scan# 1183
Delta R.T. 0.017 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:122 Resp: 633163
Ion Ratio Lower Upper
122 100
105 124.4 110.5 150.5
77 96.4 79.9 119.9

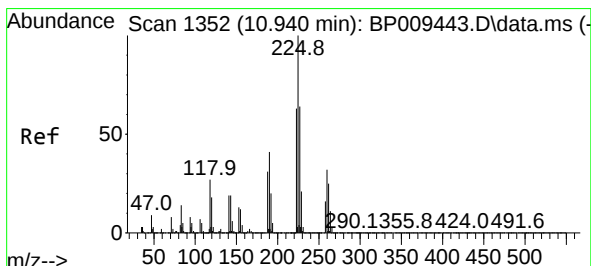
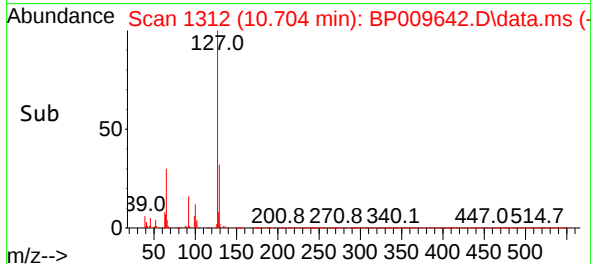
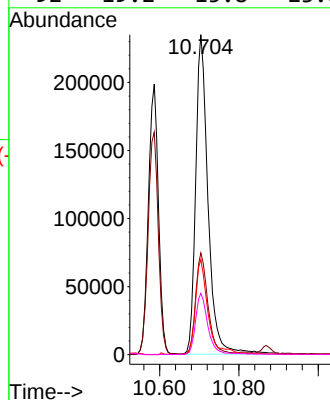
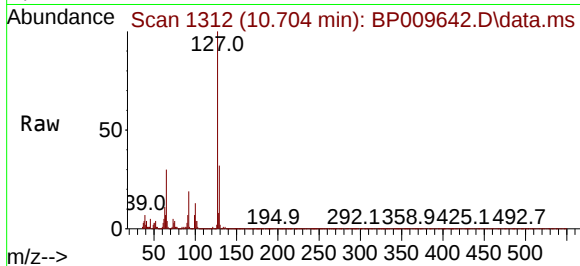




#33
4-Chloroaniline
Concen: 22.706 ng
RT: 10.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

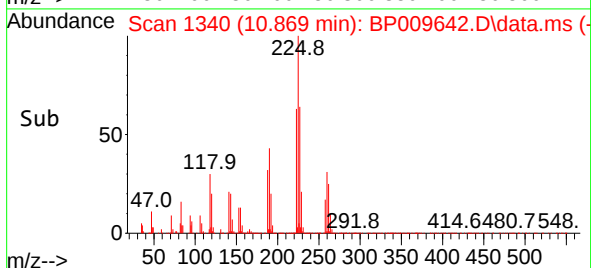
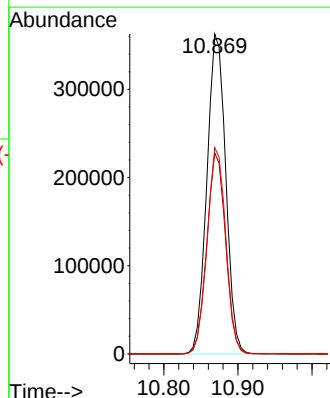
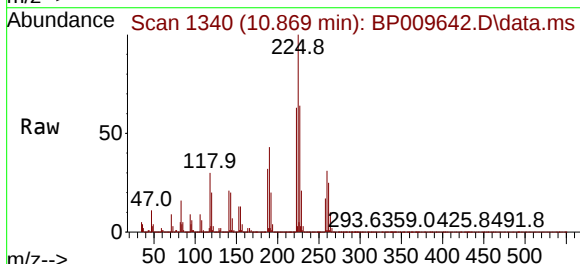
Instrument :
BNA_P
ClientSampleId :
MHFMSD

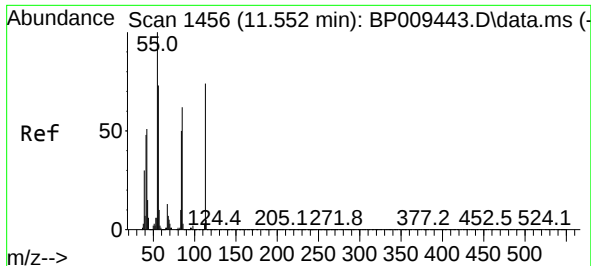
Tgt Ion:	127	Resp:	508133
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.5	38.3
65	29.7	24.3	36.5
92	19.2	15.8	23.8



#34
Hexachlorobutadiene
Concen: 48.044 ng
RT: 10.869 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:	225	Resp:	640407
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.5	75.7
227	64.4	51.2	76.8

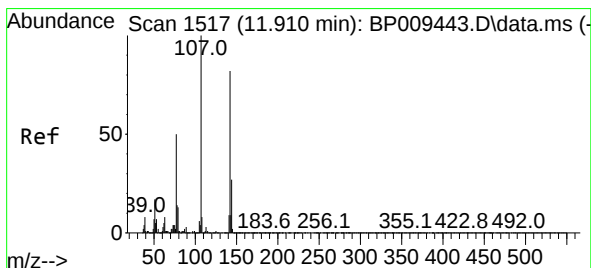
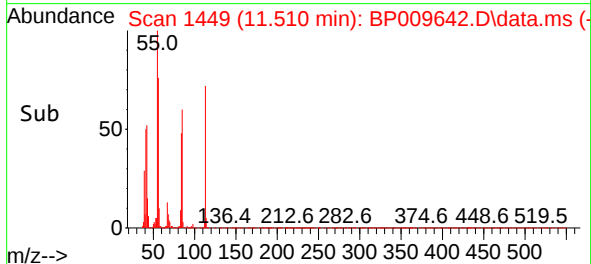
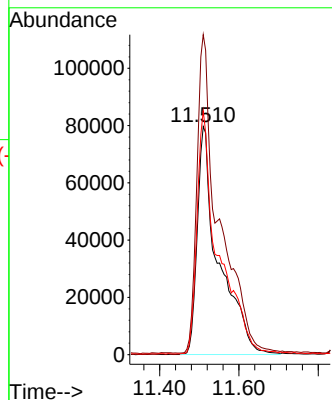
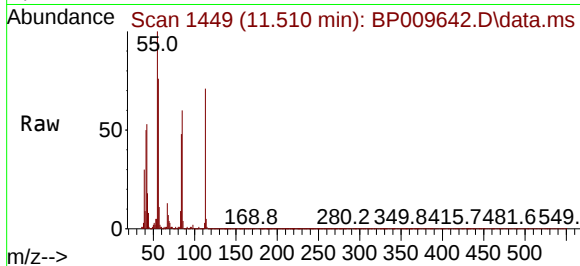




#35
Caprolactam
Concen: 51.770 ng
RT: 11.510 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

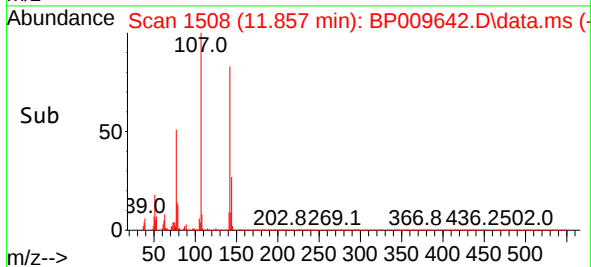
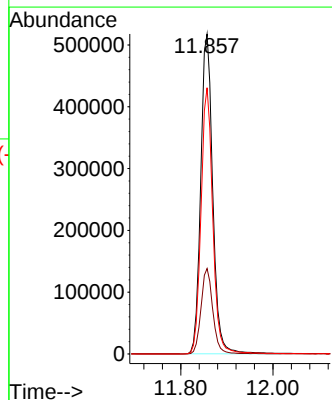
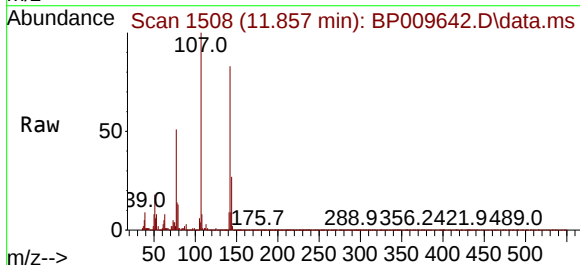
Instrument :
BNA_P
ClientSampleId :
MHFMSD

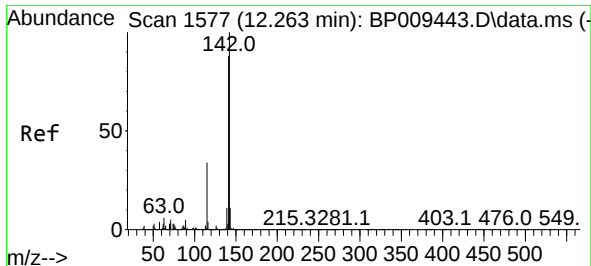
Tgt Ion:113 Resp: 296670
Ion Ratio Lower Upper
113 100
55 140.2 128.4 168.4
56 106.9 90.9 130.9



#36
4-Chloro-3-methylphenol
Concen: 51.570 ng
RT: 11.857 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:107 Resp: 940942
Ion Ratio Lower Upper
107 100
144 26.7 21.0 31.4
142 83.2 64.9 97.3

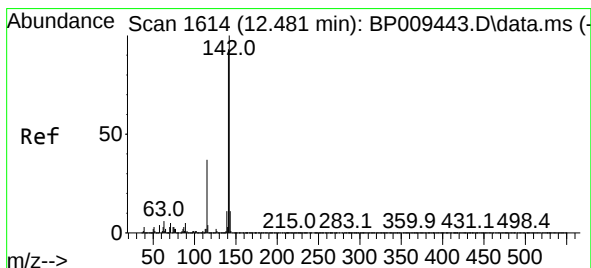
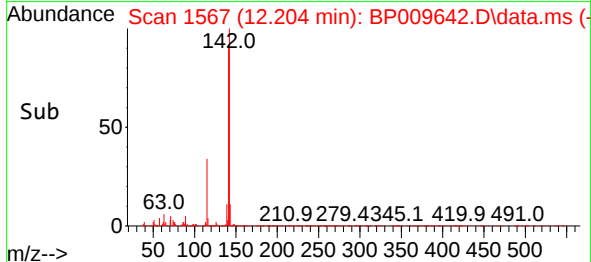
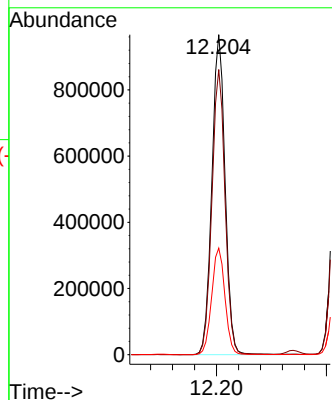
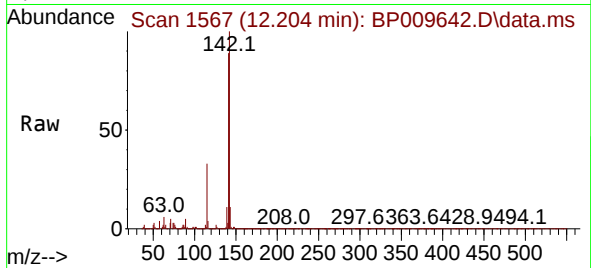




#37
2-Methylnaphthalene
Concen: 41.882 ng
RT: 12.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

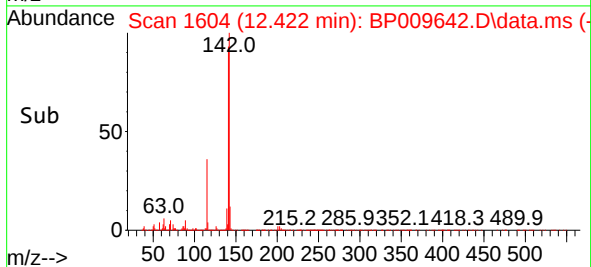
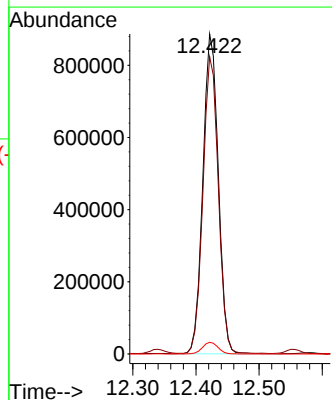
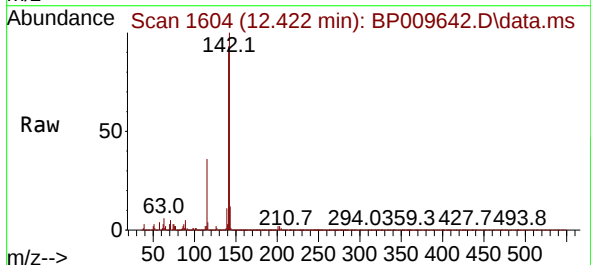
Instrument :
BNA_P
ClientSampleId :
MHFMSD

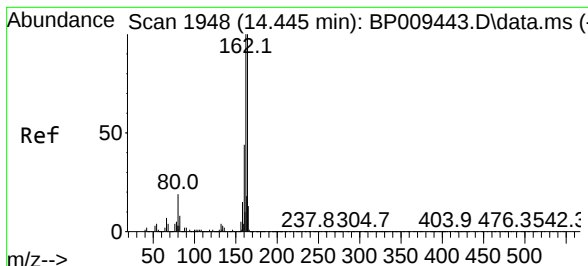
Tgt Ion:142 Resp: 1611542
Ion Ratio Lower Upper
142 100
141 89.1 70.2 105.4
115 33.3 27.4 41.2



#38
1-Methylnaphthalene
Concen: 40.118 ng
RT: 12.422 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:142 Resp: 1503809
Ion Ratio Lower Upper
142 100
141 92.9 73.5 110.3
116 3.7 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

Instrument :

BNA_P

ClientSampleId :

MHFMSD

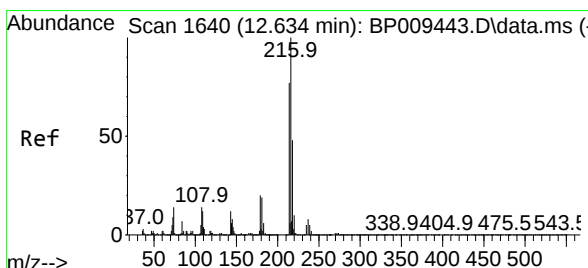
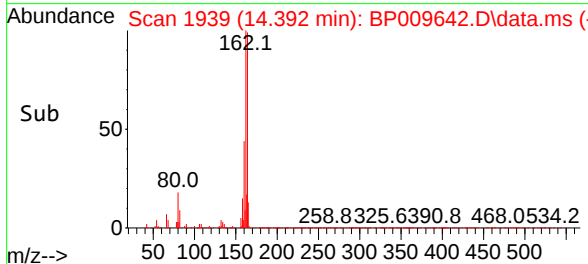
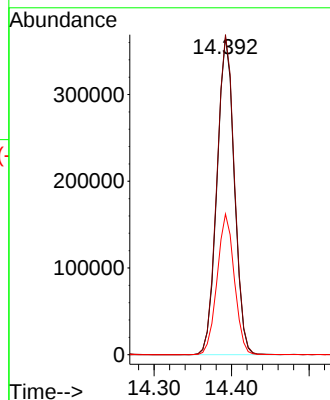
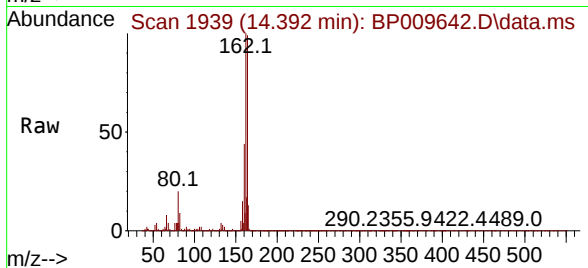
Tgt Ion:164 Resp: 568341

Ion Ratio Lower Upper

164 100

162 100.8 79.1 118.7

160 44.3 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.142 ng

RT: 12.580 min Scan# 1631

Delta R.T. 0.006 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

Tgt Ion:216 Resp: 945528

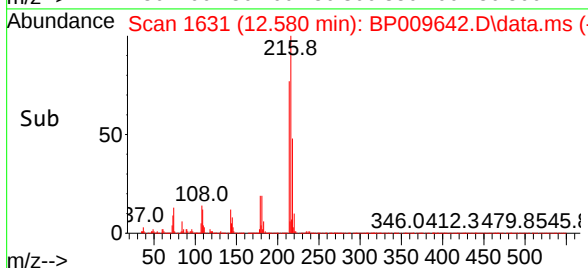
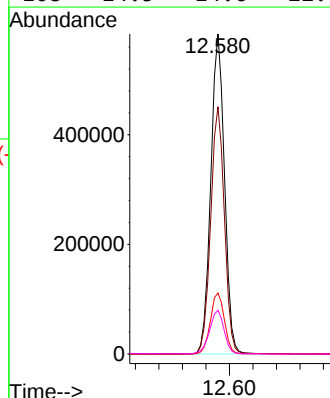
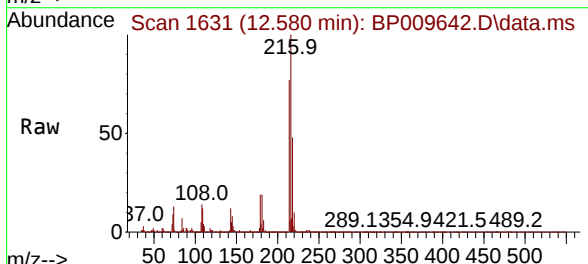
Ion Ratio Lower Upper

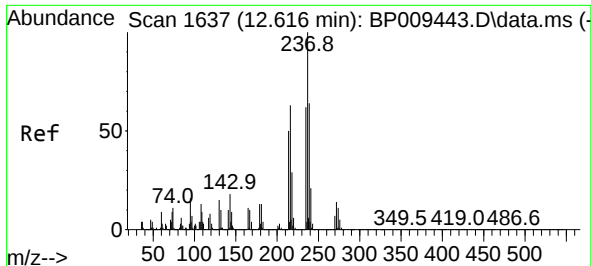
216 100

214 77.4 62.3 93.5

179 19.5 16.8 25.2

108 14.5 14.6 22.0#

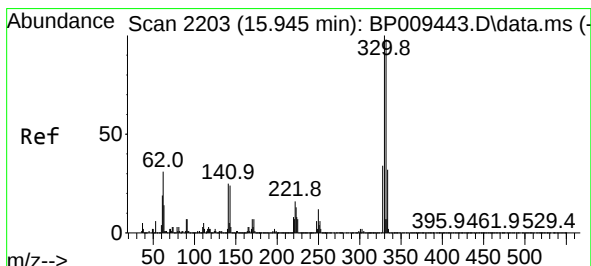
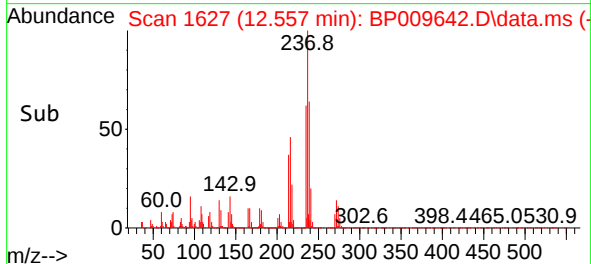
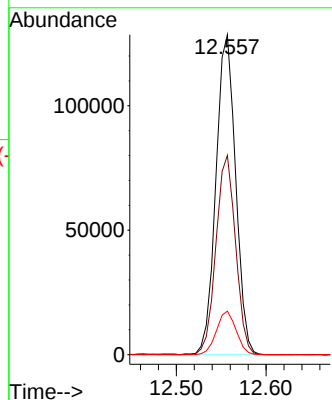
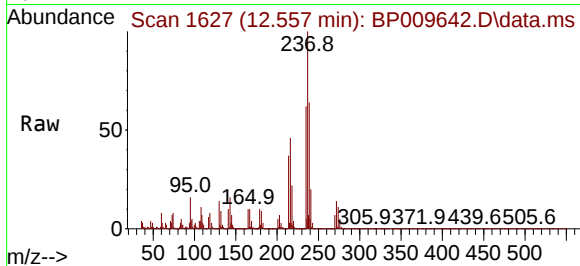




#41
Hexachlorocyclopentadiene
Concen: 28.987 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

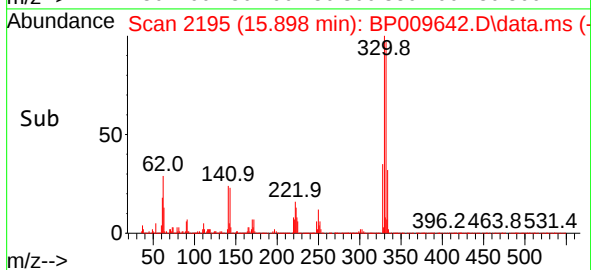
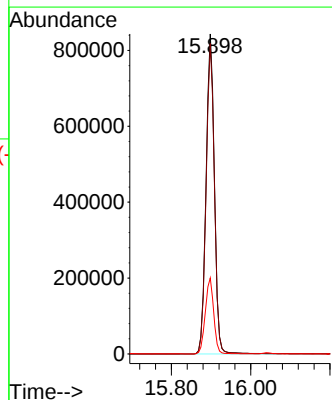
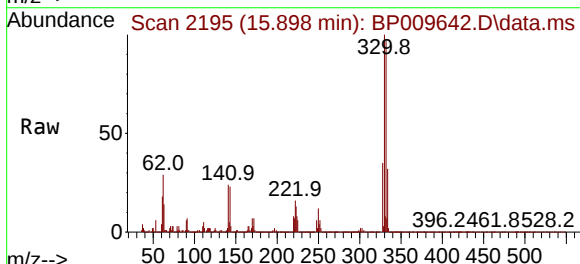
Instrument :
BNA_P
ClientSampleId :
MHFMSD

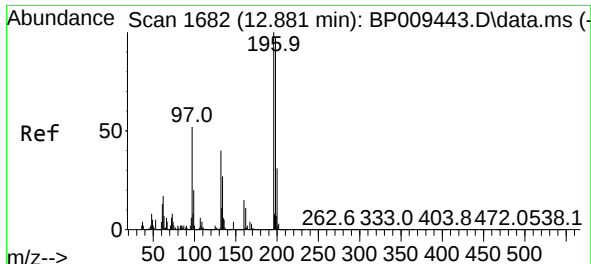
Tgt Ion:237 Resp: 195963
Ion Ratio Lower Upper
237 100
235 62.3 42.6 82.6
272 13.6 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 131.363 ng
RT: 15.898 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:330 Resp: 1232004
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 24.0 27.6 41.4#

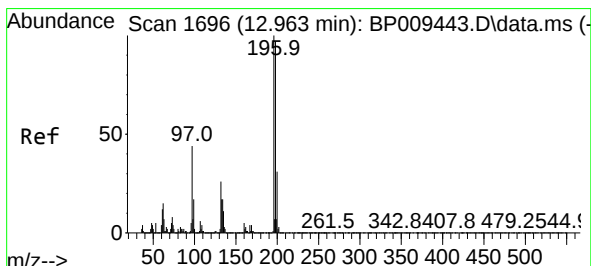
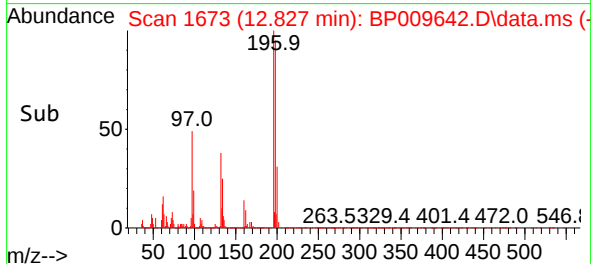
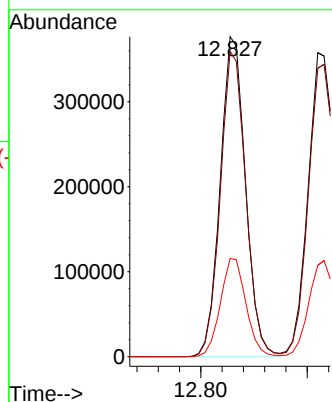
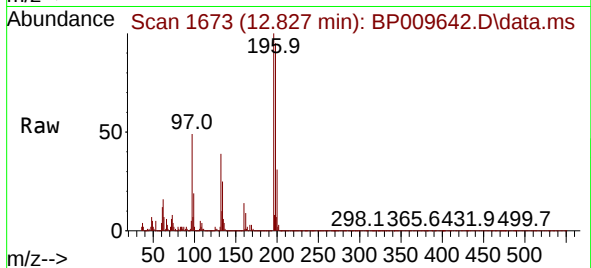




#43
2,4,6-Trichlorophenol
Concen: 49.735 ng
RT: 12.827 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

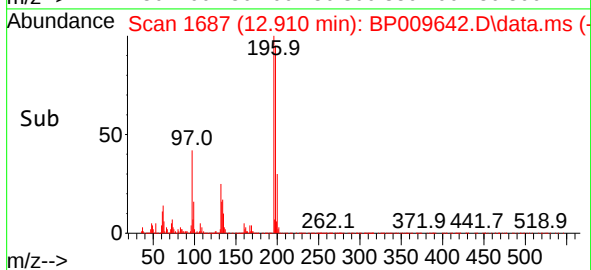
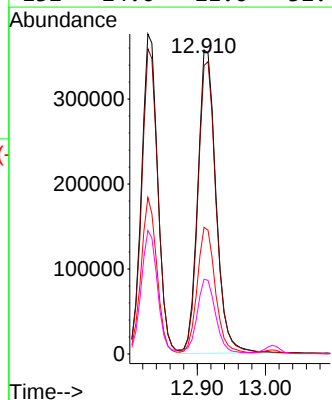
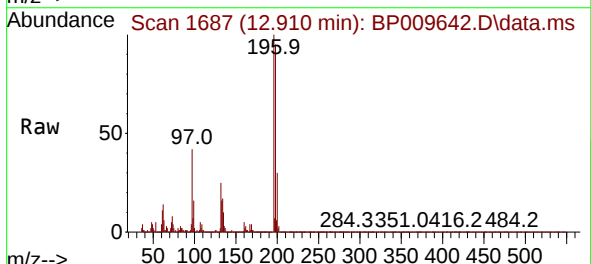
Instrument :
BNA_P
ClientSampleId :
MHFMSD

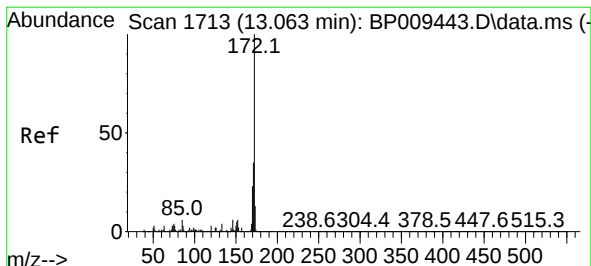
Tgt Ion:196 Resp: 621630
Ion Ratio Lower Upper
196 100
198 95.4 76.2 114.4
200 30.7 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 49.046 ng
RT: 12.910 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:196 Resp: 665690
Ion Ratio Lower Upper
196 100
198 94.9 76.6 114.8
97 41.7 38.3 57.5
132 24.6 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 84.657 ng

RT: 13.010 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

Instrument :

BNA_P

ClientSampleId :

MHFMSD

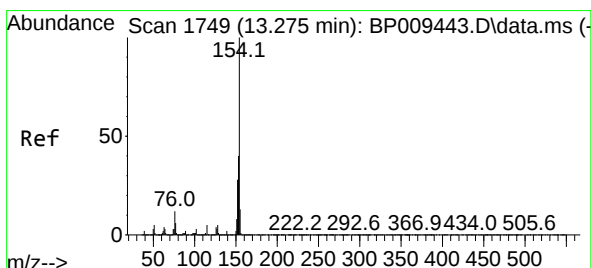
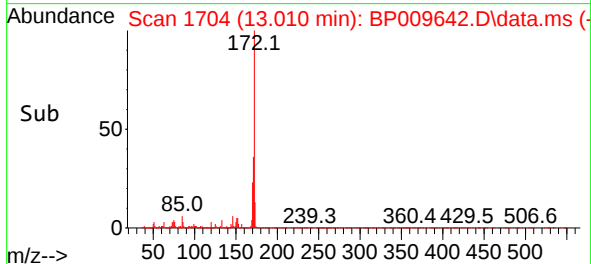
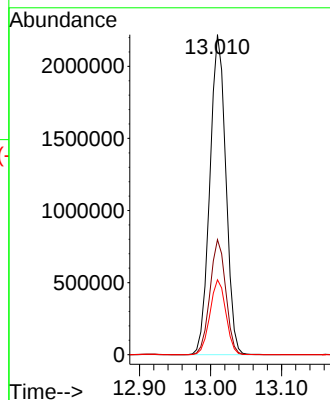
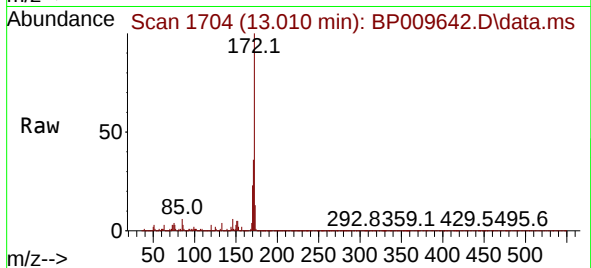
Tgt Ion:172 Resp: 3470686

Ion Ratio Lower Upper

172 100

171 36.0 28.0 42.0

170 23.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 48.909 ng

RT: 13.222 min Scan# 1740

Delta R.T. -0.000 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

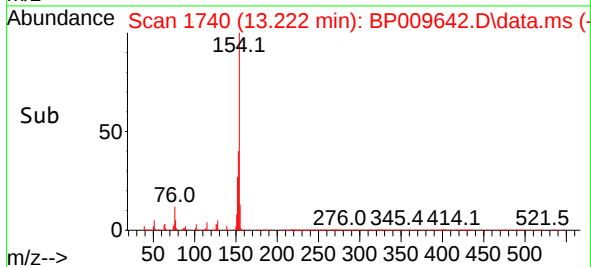
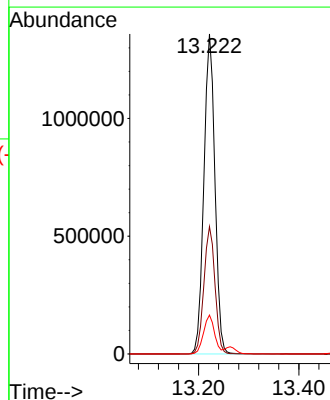
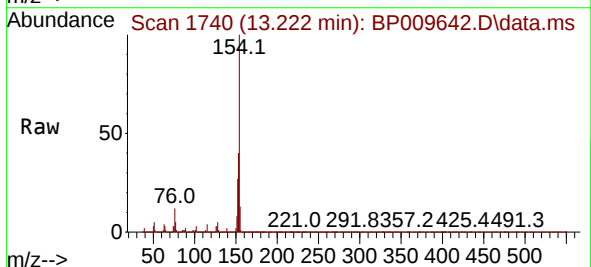
Tgt Ion:154 Resp: 2073683

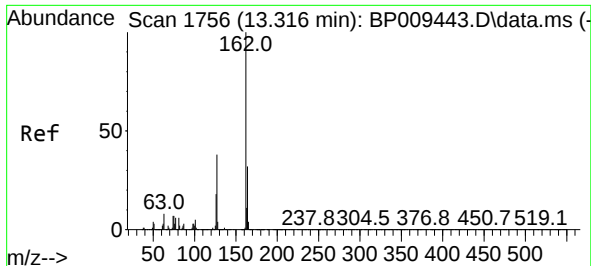
Ion Ratio Lower Upper

154 100

153 39.8 20.2 60.2

76 12.2 0.0 34.0

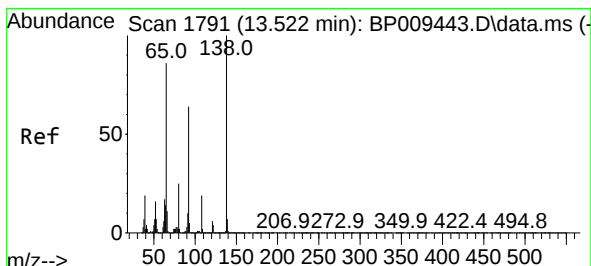
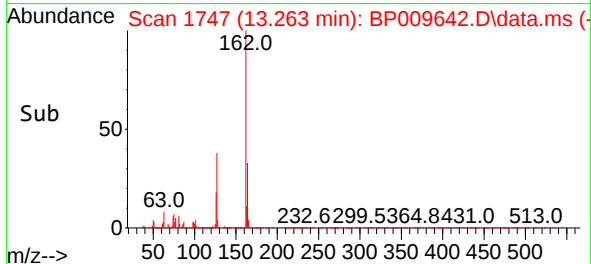
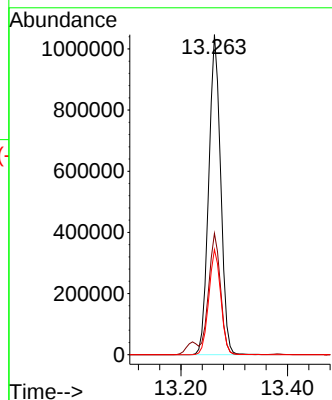
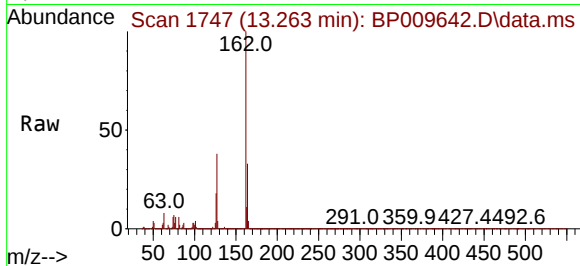




#47
2-Chloronaphthalene
Concen: 48.591 ng
RT: 13.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

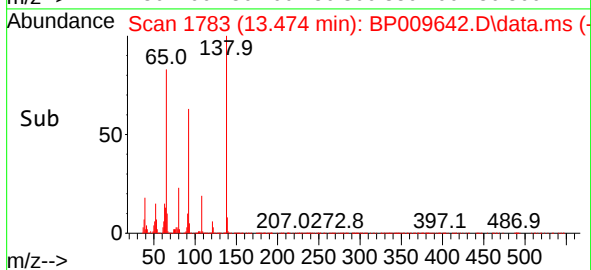
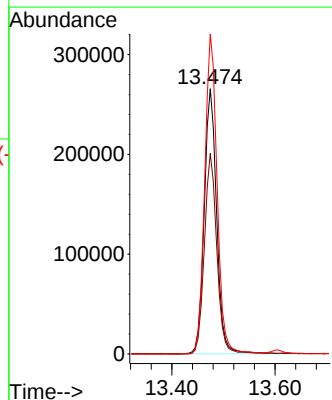
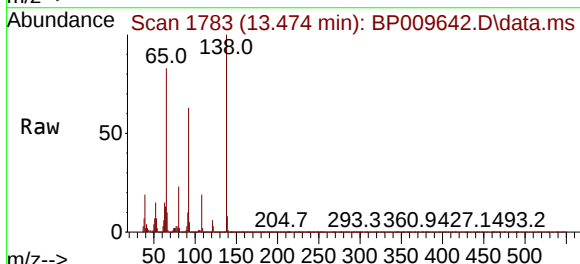
Instrument :
BNA_P
ClientSampleId :
MHFMSD

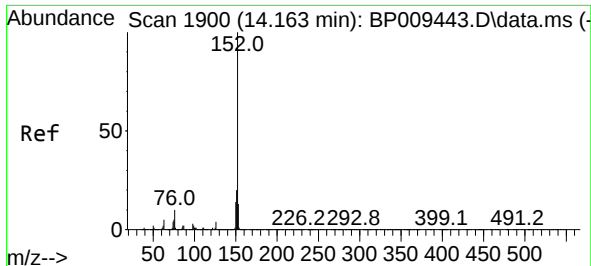
Tgt Ion:162 Resp: 1621999
Ion Ratio Lower Upper
162 100
127 37.9 30.8 46.2
164 32.8 26.3 39.5



#48
2-Nitroaniline
Concen: 48.914 ng
RT: 13.474 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion: 65 Resp: 444701
Ion Ratio Lower Upper
65 100
92 75.7 56.9 85.3
138 120.7 89.3 133.9

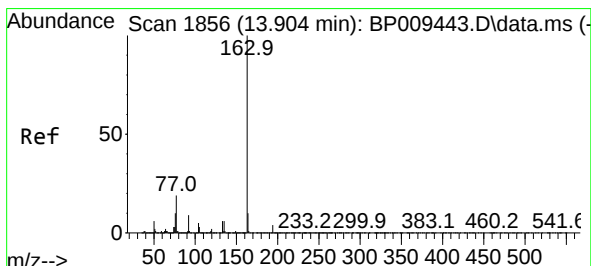
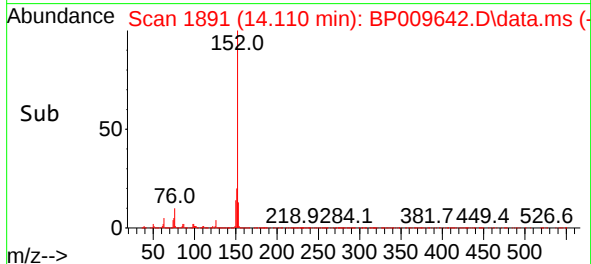
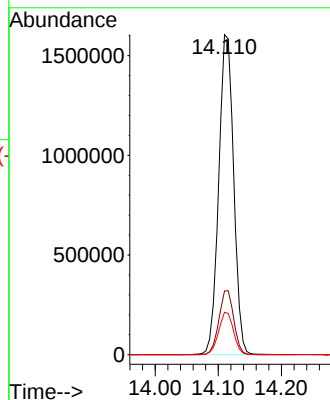
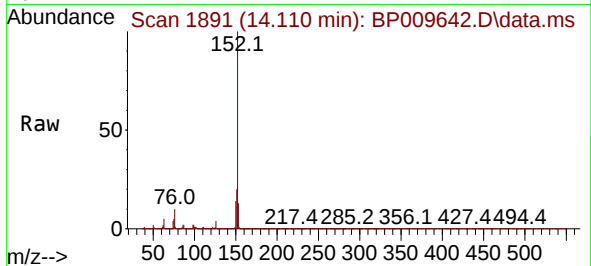




#49
Acenaphthylene
Concen: 51.383 ng
RT: 14.110 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

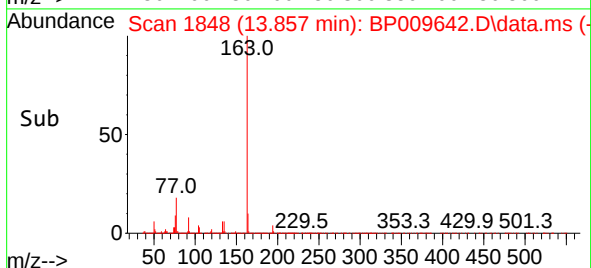
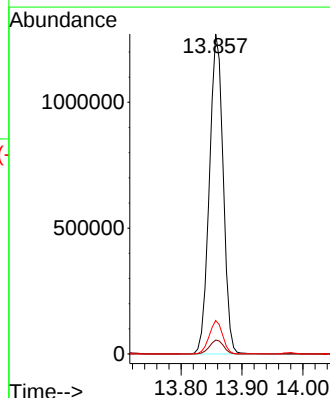
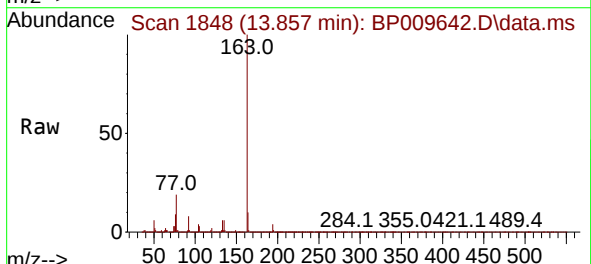
Instrument :
BNA_P
ClientSampleId :
MHFMSD

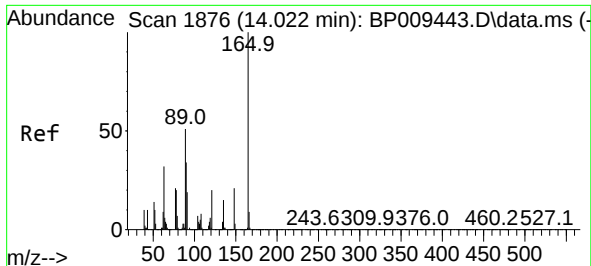
Tgt Ion:152 Resp: 2647808
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 46.402 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:163 Resp: 1998268
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.4 8.2 12.2

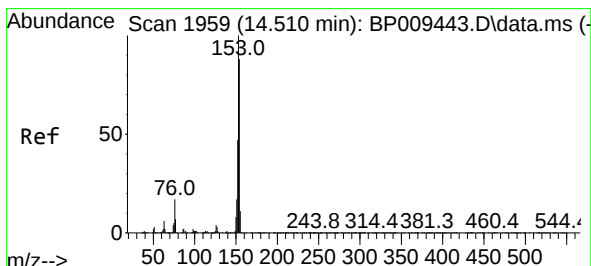
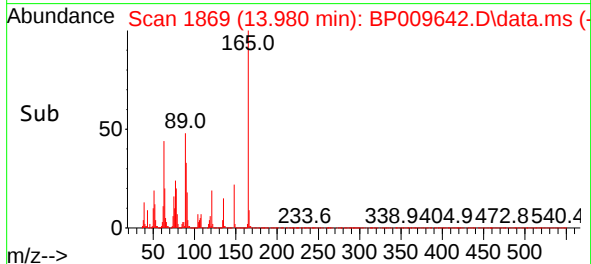
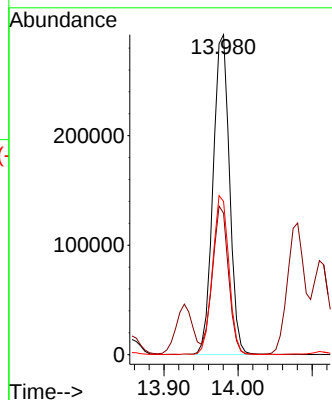
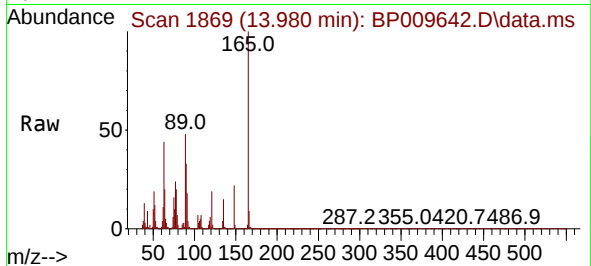




#51
2,6-Dinitrotoluene
Concen: 49.839 ng
RT: 13.980 min Scan# 1869
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

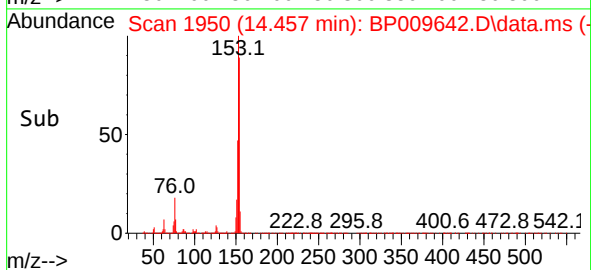
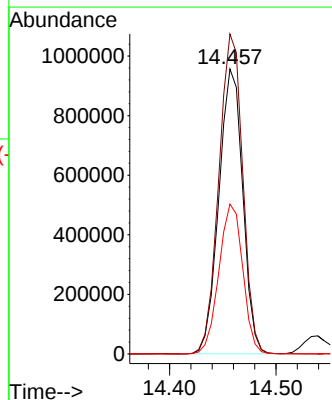
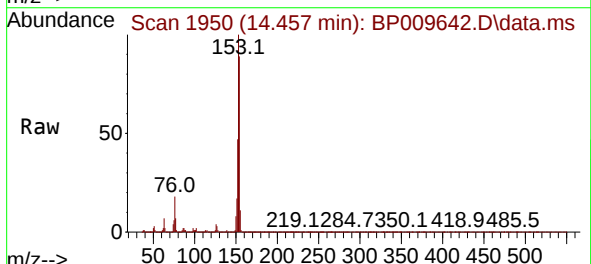
Instrument :
BNA_P
ClientSampleId :
MHFMSD

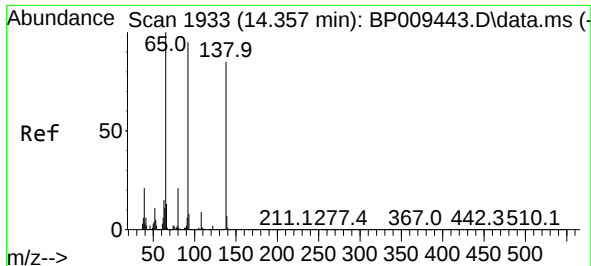
Tgt Ion:165 Resp: 449698
Ion Ratio Lower Upper
165 100
63 44.2 40.9 61.3
89 47.9 43.4 65.2



#52
Acenaphthene
Concen: 48.281 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:154 Resp: 1486188
Ion Ratio Lower Upper
154 100
153 112.3 90.2 135.4
152 52.6 42.7 64.1

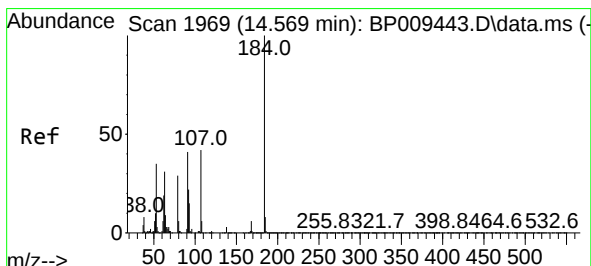
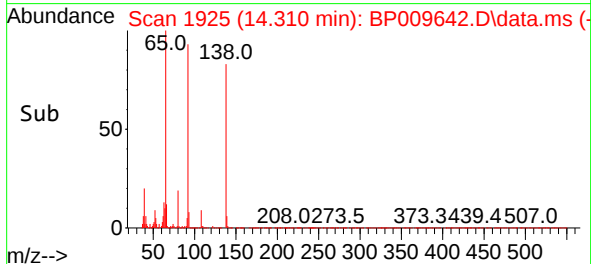
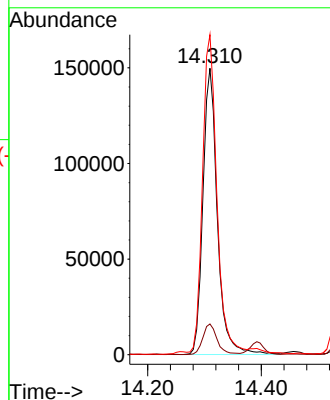
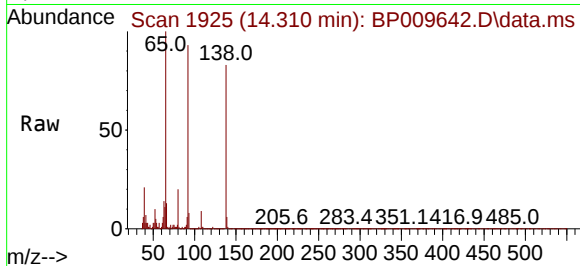




#53
3-Nitroaniline
Concen: 27.642 ng
RT: 14.310 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

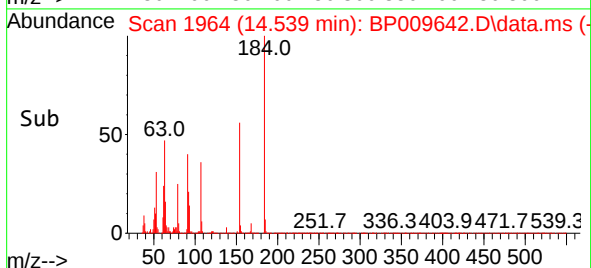
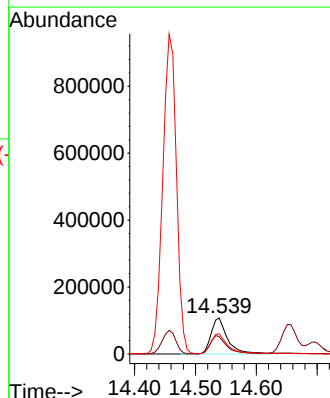
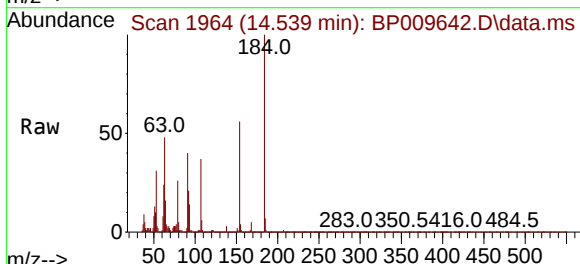
Instrument :
BNA_P
ClientSampleId :
MHFMSD

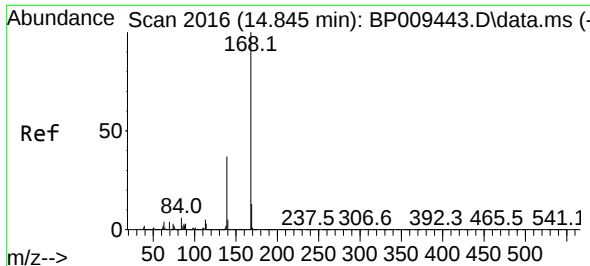
Tgt Ion:138 Resp: 263442
Ion Ratio Lower Upper
138 100
108 10.7 9.7 14.5
92 111.8 94.4 141.6



#54
2,4-Dinitrophenol
Concen: 38.650 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.011 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:184 Resp: 202775
Ion Ratio Lower Upper
184 100
63 47.9 46.3 69.5
154 56.1 45.8 68.6

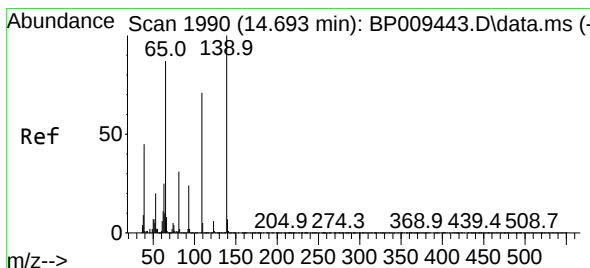
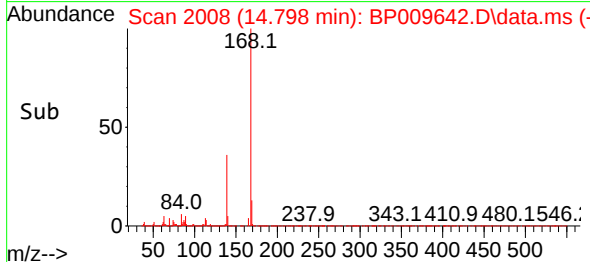
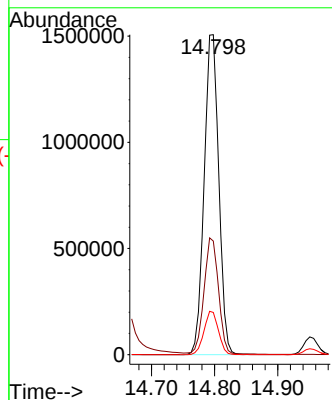
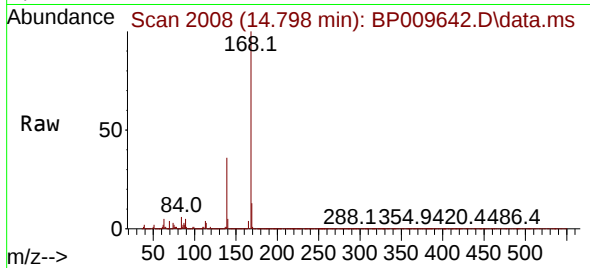




#55
Dibenzofuran
Concen: 46.724 ng
RT: 14.798 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

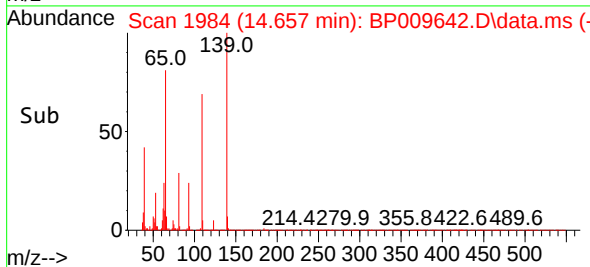
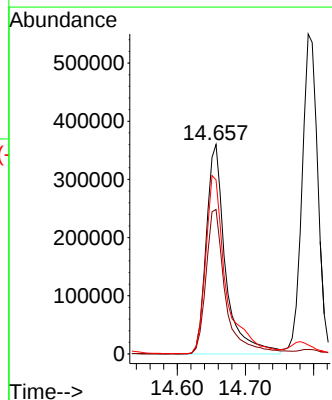
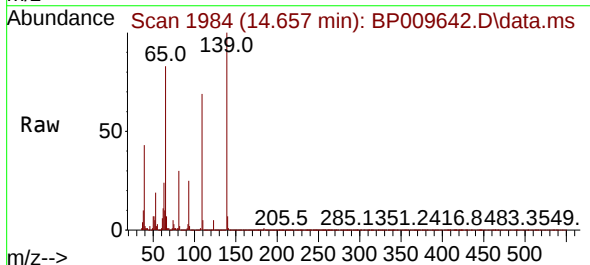
Instrument :
BNA_P
ClientSampleId :
MHFMSD

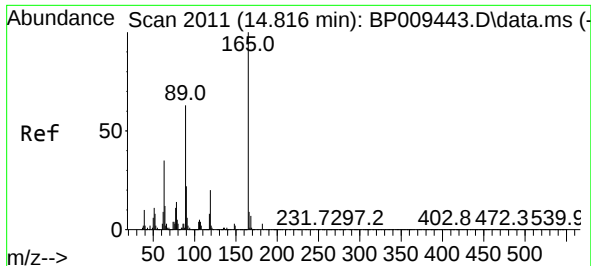
Tgt Ion:168 Resp: 2416283
Ion Ratio Lower Upper
168 100
139 35.5 29.1 43.7
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 99.701 ng
RT: 14.657 min Scan# 1984
Delta R.T. 0.011 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:139 Resp: 708283
Ion Ratio Lower Upper
139 100
109 69.0 51.2 91.2
65 83.1 73.2 113.2

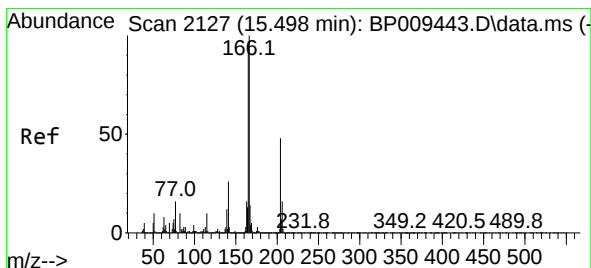
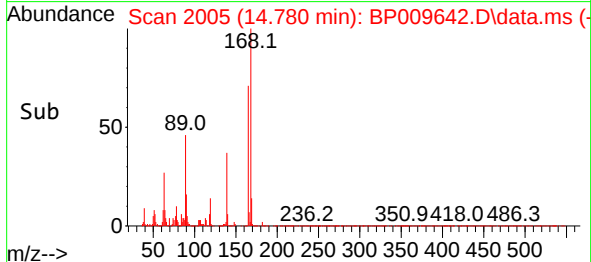
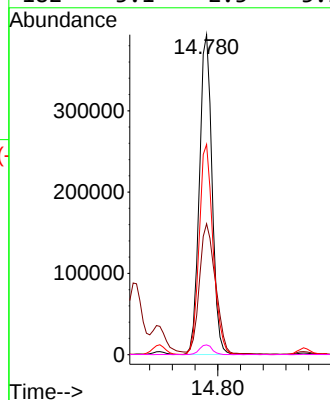
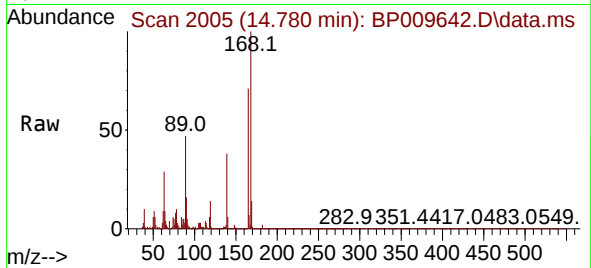




#57
2,4-Dinitrotoluene
Concen: 49.093 ng
RT: 14.780 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

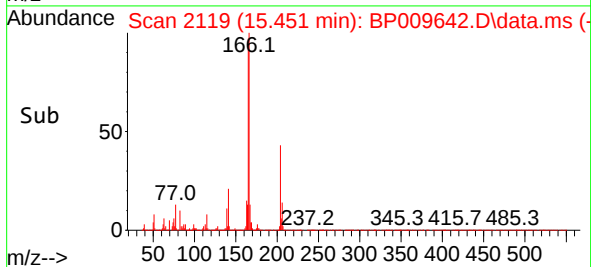
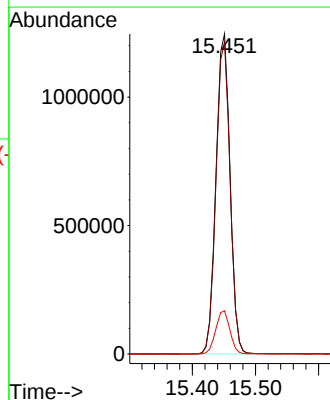
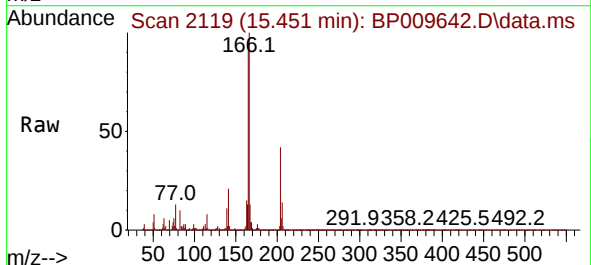
Instrument :
BNA_P
ClientSampleId :
MHFMSD

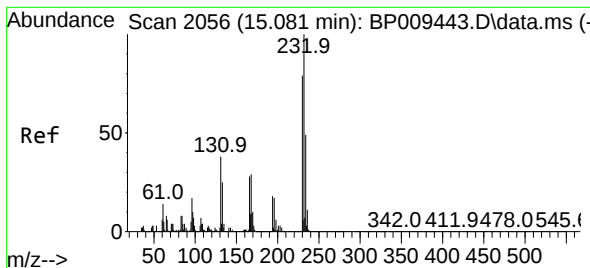
Tgt Ion:165 Resp: 609084
Ion Ratio Lower Upper
165 100
63 40.9 31.4 47.2
89 65.7 55.9 83.9
182 3.1 2.3 3.5



#58
Fluorene
Concen: 47.240 ng
RT: 15.451 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:166 Resp: 1921329
Ion Ratio Lower Upper
166 100
165 97.4 79.2 118.8
167 13.5 10.7 16.1

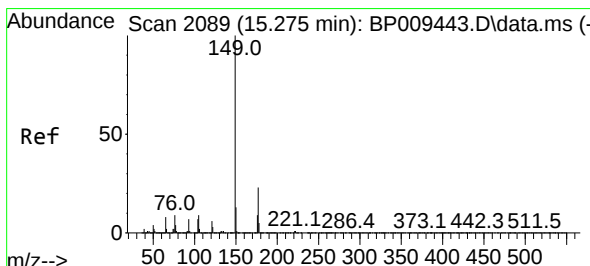
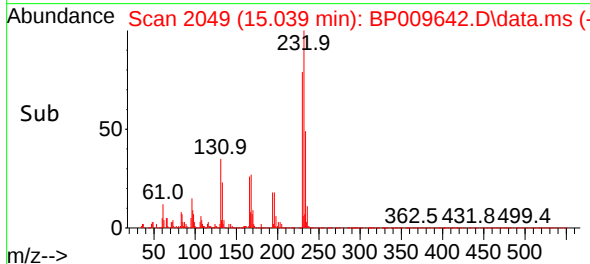
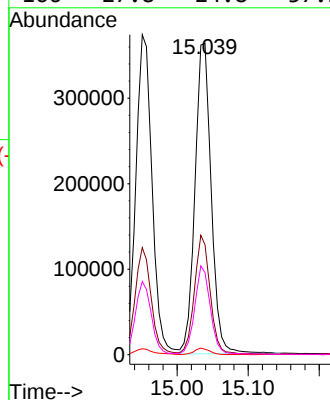
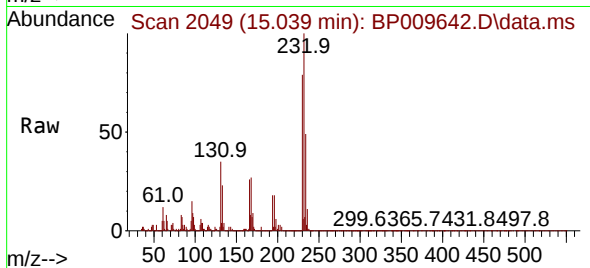




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.141 ng
RT: 15.039 min Scan# 2049
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

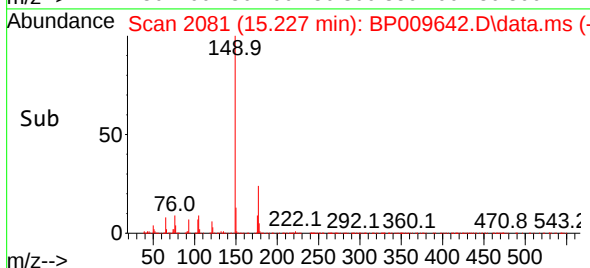
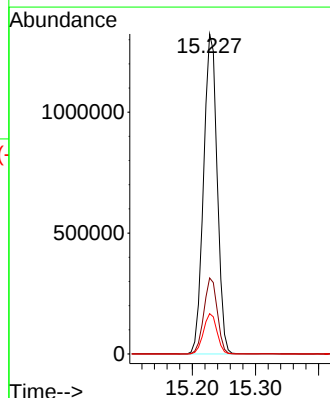
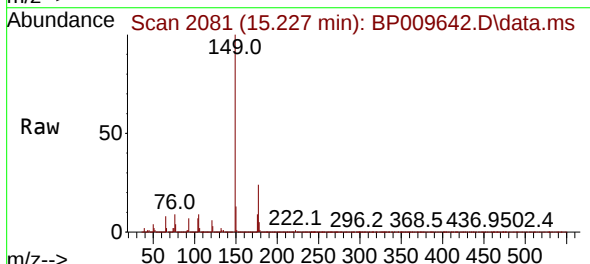
Instrument :
BNA_P
ClientSampleId :
MHFMSD

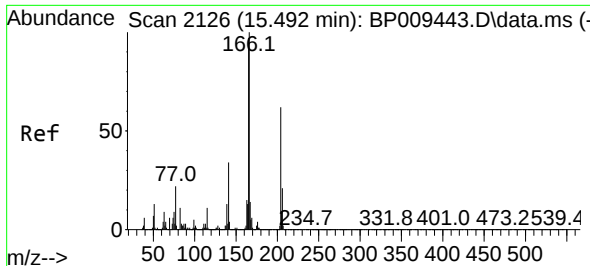
Tgt Ion:232 Resp: 580049
Ion Ratio Lower Upper
232 100
131 37.2 35.5 53.3
130 2.0 1.8 2.8
166 27.8 24.8 37.2



#60
Diethylphthalate
Concen: 45.810 ng
RT: 15.227 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:149 Resp: 1974473
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.2
150 12.6 9.9 14.9

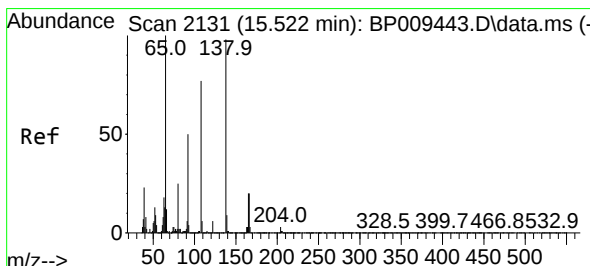
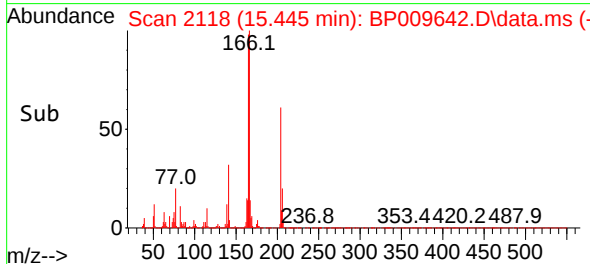
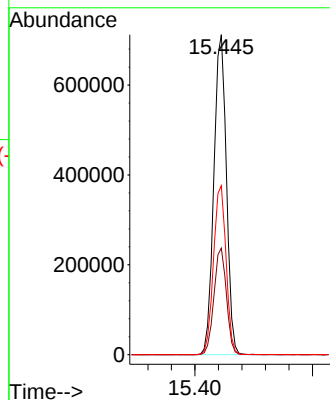
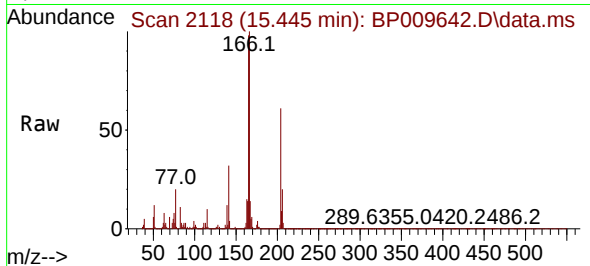




#61
4-Chlorophenyl-phenylether
Concen: 47.076 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

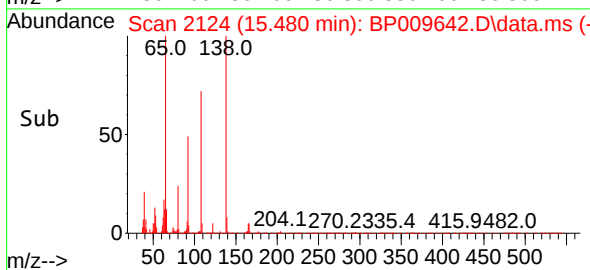
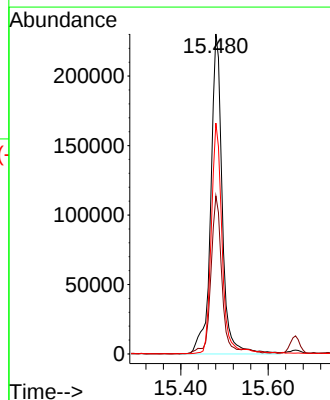
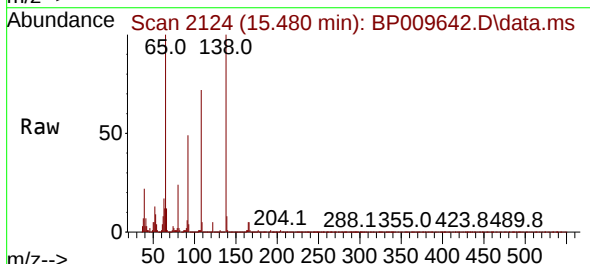
Instrument :
BNA_P
ClientSampleId :
MHFMSD

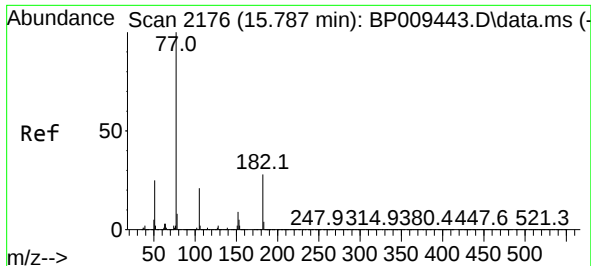
Tgt Ion:204 Resp: 1054708
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 52.8 45.9 68.9



#62
4-Nitroaniline
Concen: 42.217 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:138 Resp: 422545
Ion Ratio Lower Upper
138 100
92 49.4 31.2 71.2
108 72.1 54.3 94.3



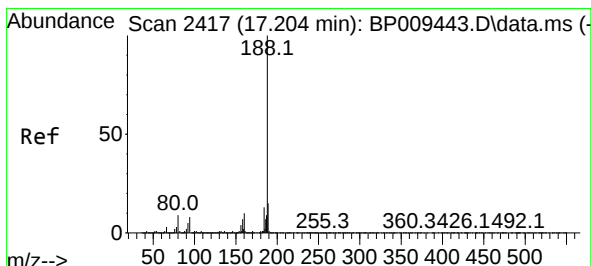
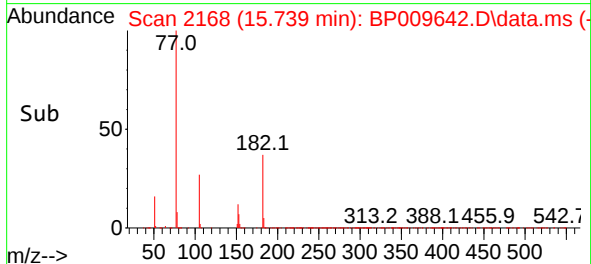
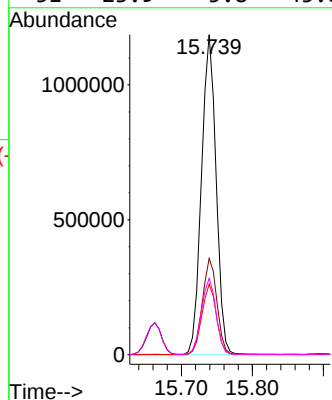
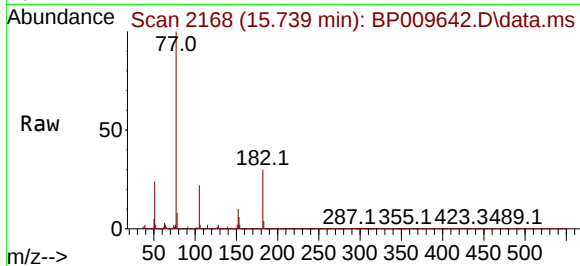


#63
Azobenzene
Concen: 45.338 ng
RT: 15.739 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Instrument :
BNA_P
ClientSampleId :
MHFMSD

Tgt Ion: 77 Resp: 1699876

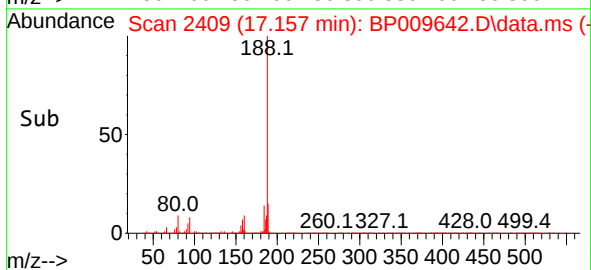
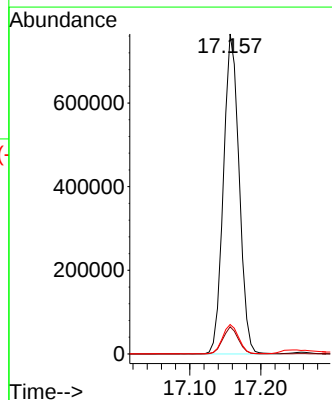
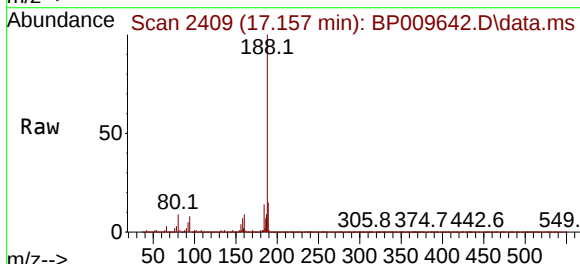
Ion	Ratio	Lower	Upper
77	100		
182	30.1	5.4	45.4
105	22.0	0.3	40.3
51	23.9	5.8	45.8

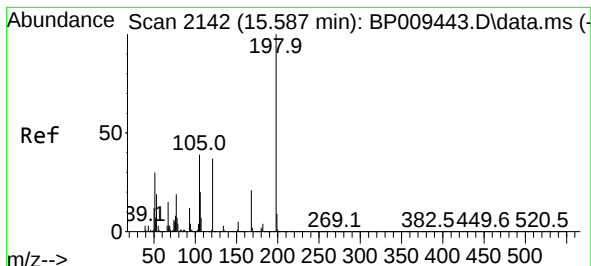


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:188 Resp: 1167624

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.9	11.9
80	9.2	8.8	13.2

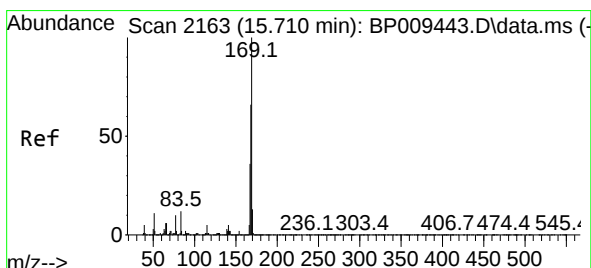
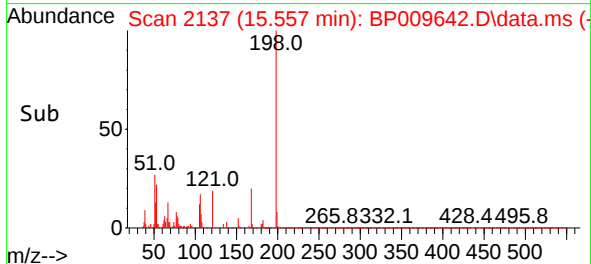
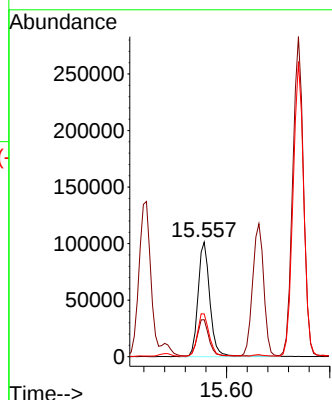
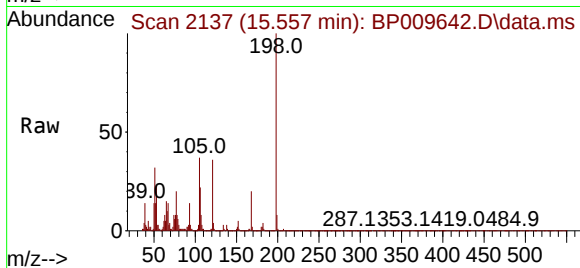




#65
4,6-Dinitro-2-methylphenol
Concen: 21.293 ng
RT: 15.557 min Scan# 2115
Delta R.T. 0.011 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

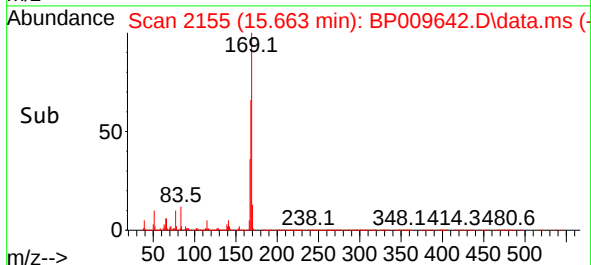
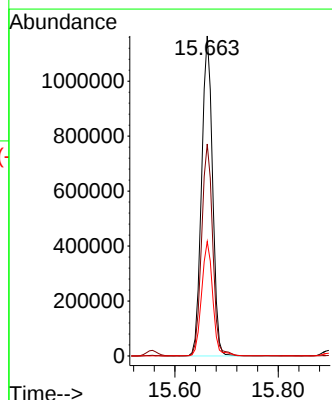
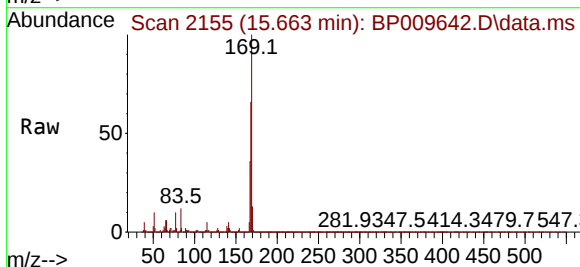
Instrument :
BNA_P
ClientSampleId :
MHFMSD

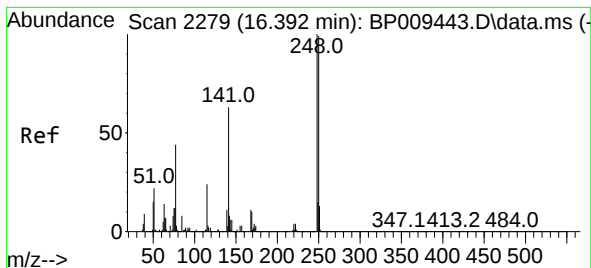
Tgt Ion:198 Resp: 159869
Ion Ratio Lower Upper
198 100
51 32.4 17.7 57.7
105 37.3 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 49.386 ng
RT: 15.663 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:169 Resp: 1706449
Ion Ratio Lower Upper
169 100
168 66.2 51.6 77.4
167 35.8 29.0 43.4

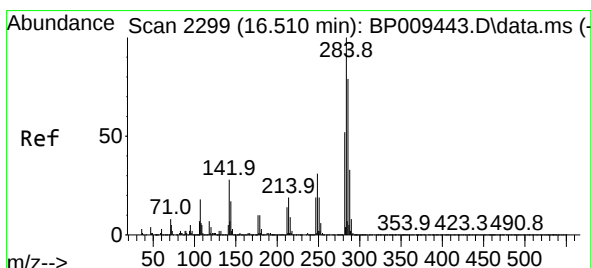
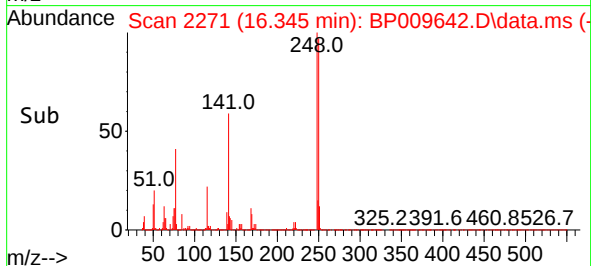
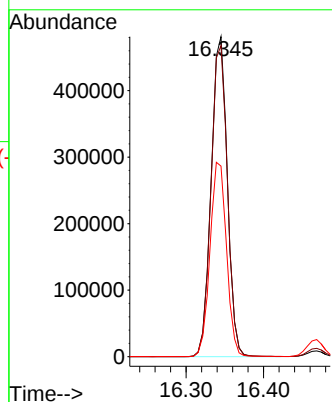
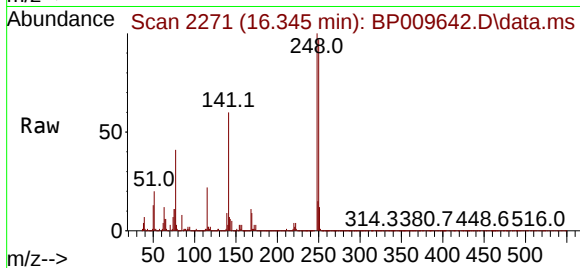




#67
4-Bromophenyl-phenylether
Concen: 48.946 ng
RT: 16.345 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

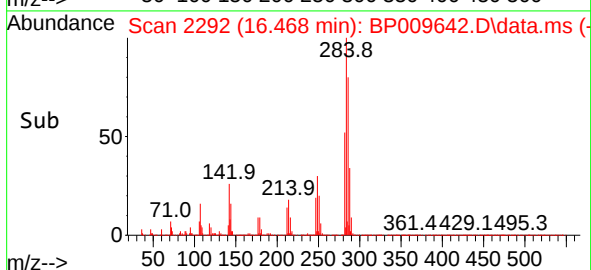
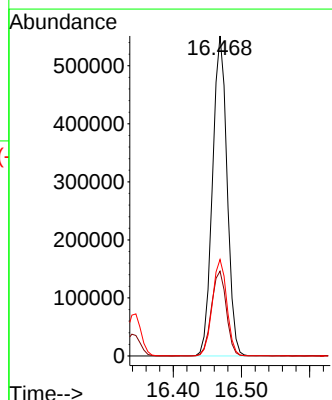
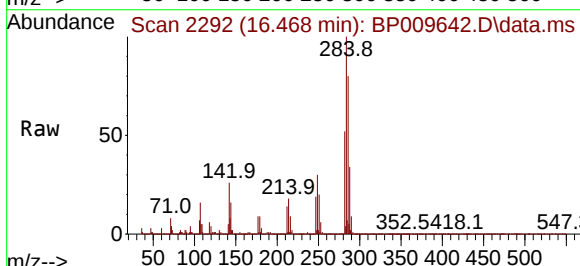
Instrument :
BNA_P
ClientSampleId :
MHFMSD

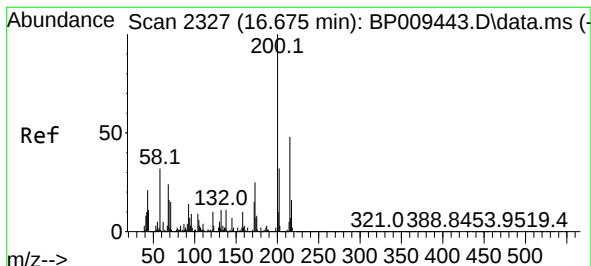
Tgt Ion:248 Resp: 699325
Ion Ratio Lower Upper
248 100
250 97.2 77.7 116.5
141 59.6 58.3 87.5



#68
Hexachlorobenzene
Concen: 49.869 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:284 Resp: 820037
Ion Ratio Lower Upper
284 100
142 26.5 26.8 40.2#
249 30.1 24.6 37.0





#69

Atrazine

Concen: 53.102 ng

RT: 16.627 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

Instrument :

BNA_P

ClientSampleId :

MHFMSD

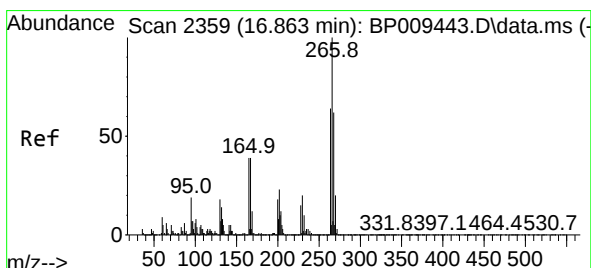
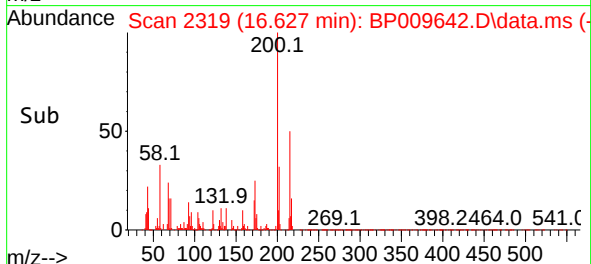
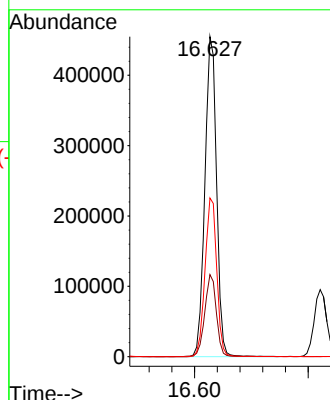
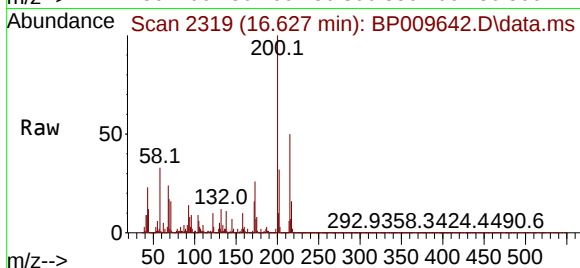
Tgt Ion:200 Resp: 645114

Ion Ratio Lower Upper

200 100

173 25.7 6.2 46.2

215 49.6 28.5 68.5



#70

Pentachlorophenol

Concen: 103.889 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.006 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

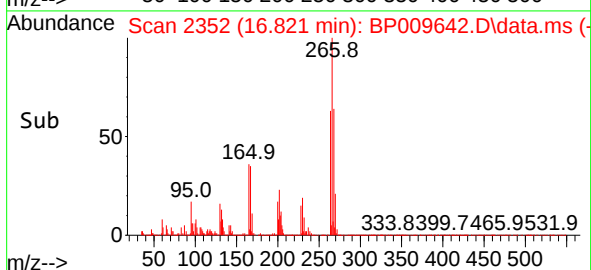
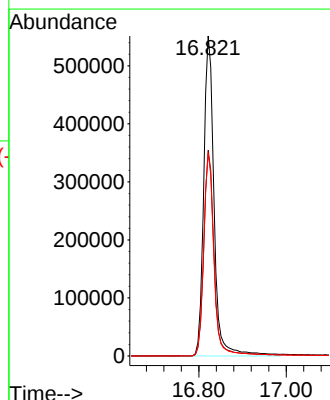
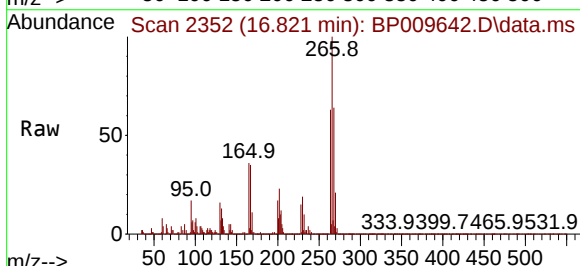
Tgt Ion:266 Resp: 913200

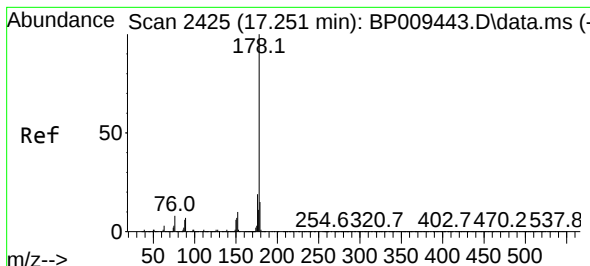
Ion Ratio Lower Upper

266 100

268 64.3 49.8 74.8

264 63.4 50.9 76.3





#71

Phenanthrene

Concen: 49.014 ng

RT: 17.204 min Scan# 2417

Delta R.T. 0.006 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

Instrument :

BNA_P

ClientSampleId :

MHFMSD

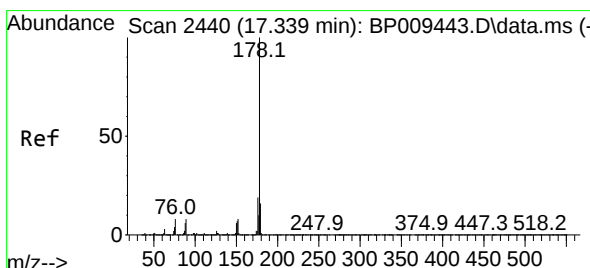
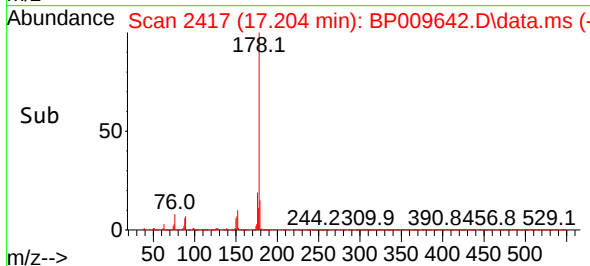
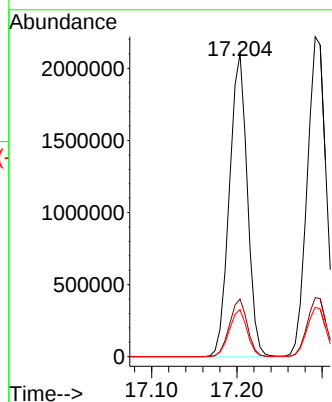
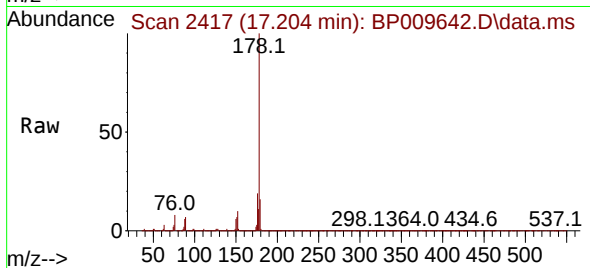
Tgt Ion:178 Resp: 3063540

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.5 12.3 18.5



#72

Anthracene

Concen: 55.682 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

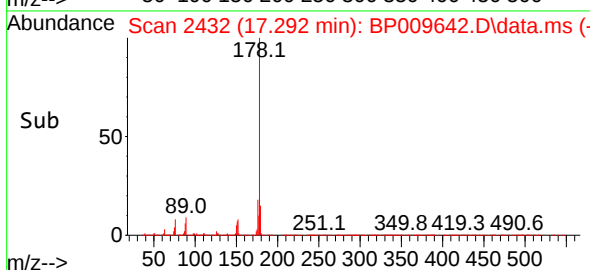
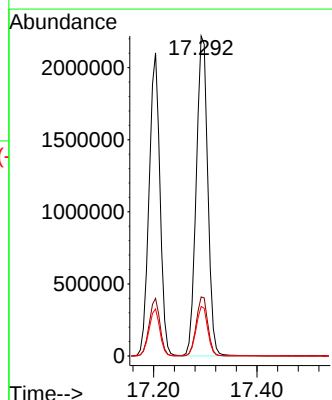
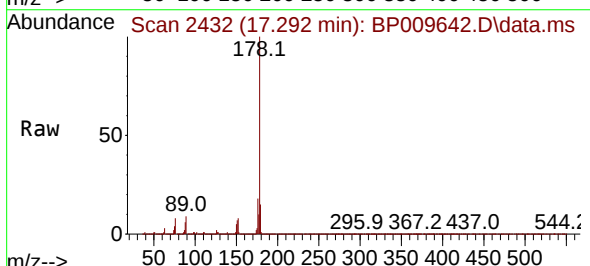
Tgt Ion:178 Resp: 3436159

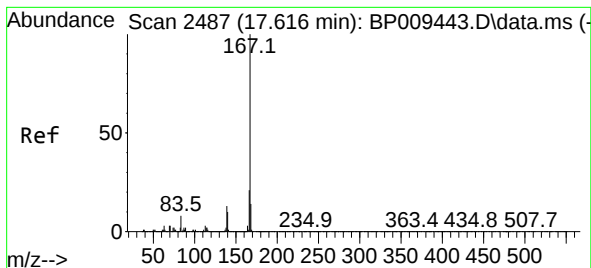
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.4 12.2 18.4





#73

Carbazole

Concen: 59.328 ng

RT: 17.574 min Scan# 24

Delta R.T. 0.006 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

Instrument :

BNA_P

ClientSampleId :

MHFMSD

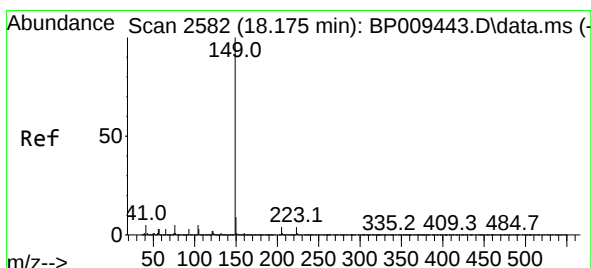
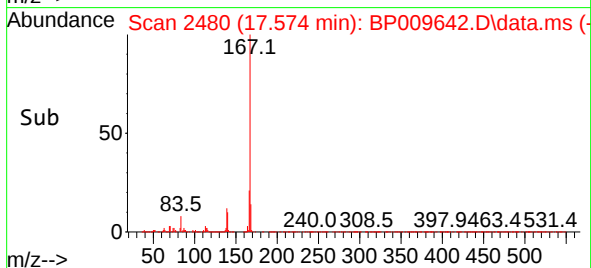
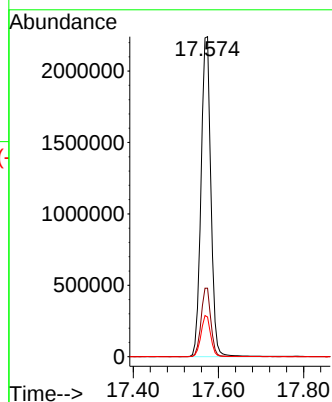
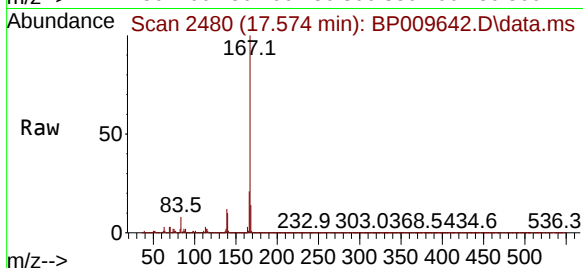
Tgt Ion:167 Resp: 3580548

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.4 10.3 15.5



#74

Di-n-butylphthalate

Concen: 61.924 ng

RT: 18.127 min Scan# 2574

Delta R.T. -0.000 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

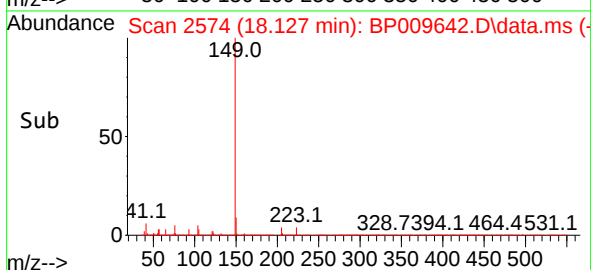
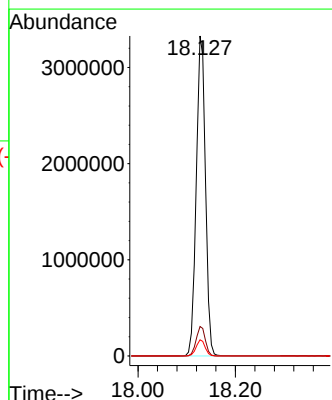
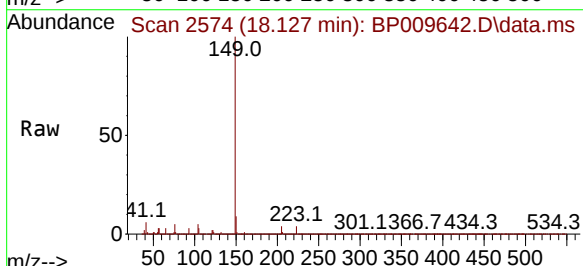
Tgt Ion:149 Resp: 4379395

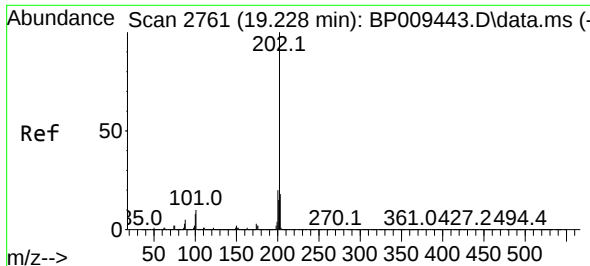
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.1 4.2 6.2

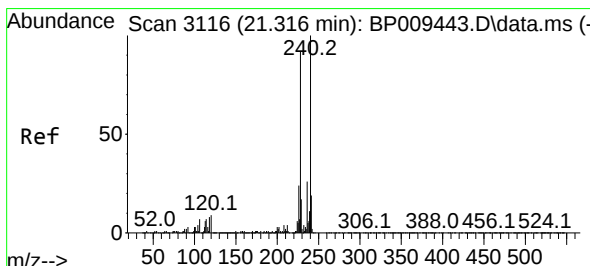
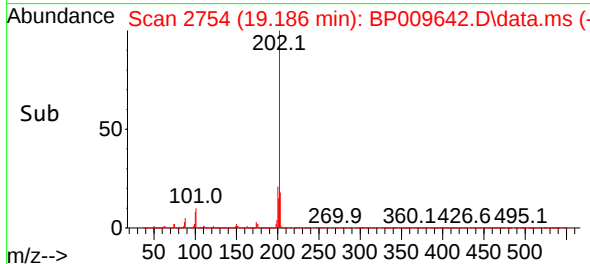
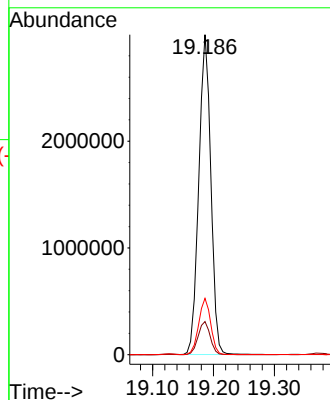
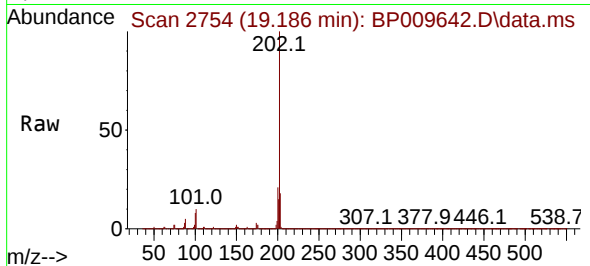




#75
Fluoranthene
Concen: 54.365 ng
RT: 19.186 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

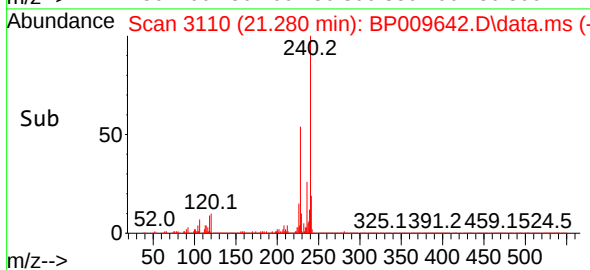
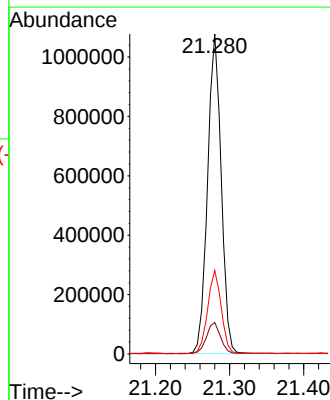
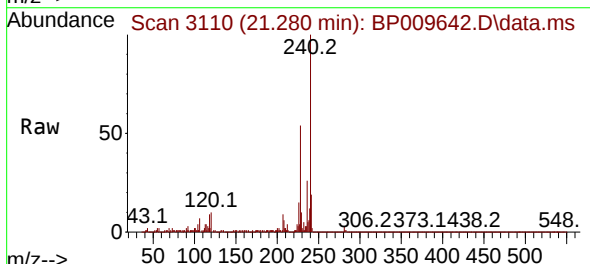
Instrument :
BNA_P
ClientSampleId :
MHFMSD

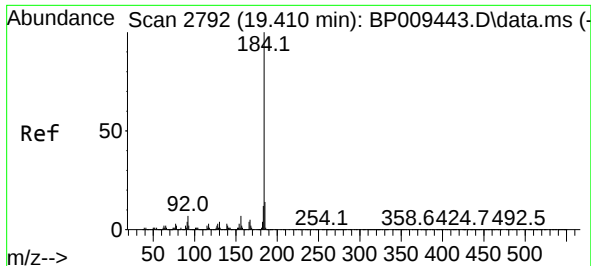
Tgt Ion:202 Resp: 4113810
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.5
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3110
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:240 Resp: 1374542
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 26.1 20.6 30.8

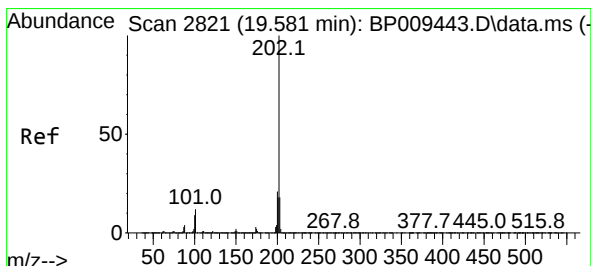
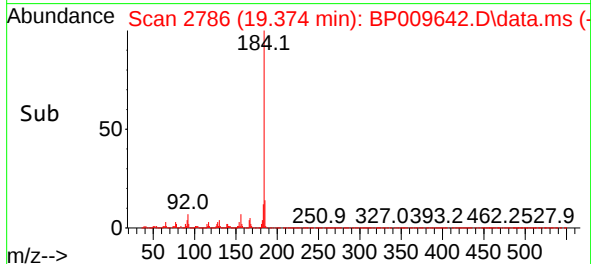
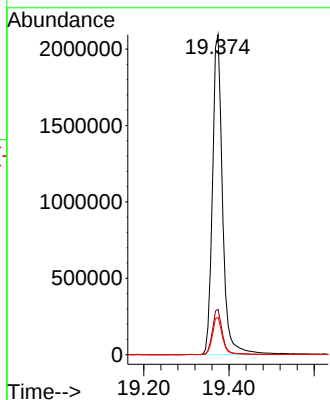
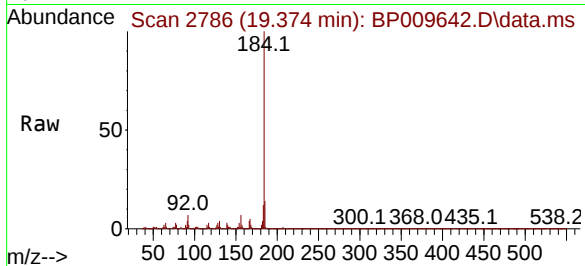




#77
Benzidine
Concen: 102.248 ng
RT: 19.374 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

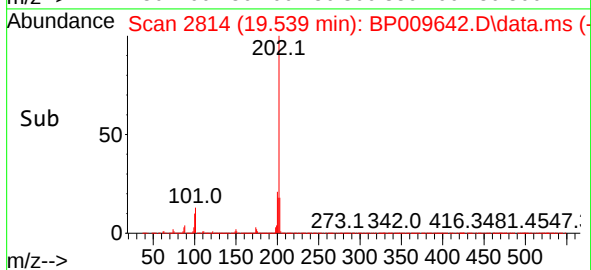
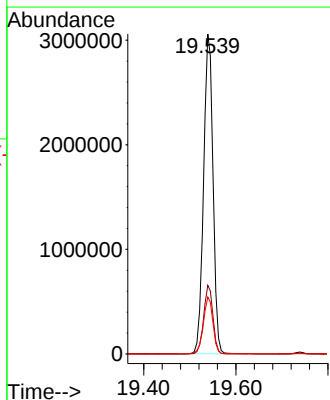
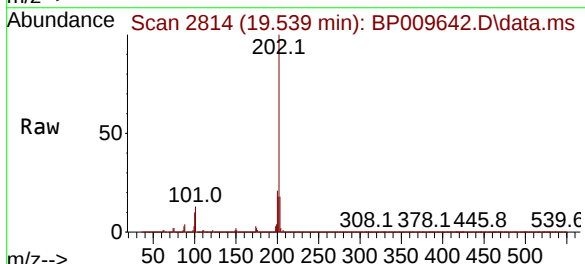
Instrument :
BNA_P
ClientSampleId :
MHFMSD

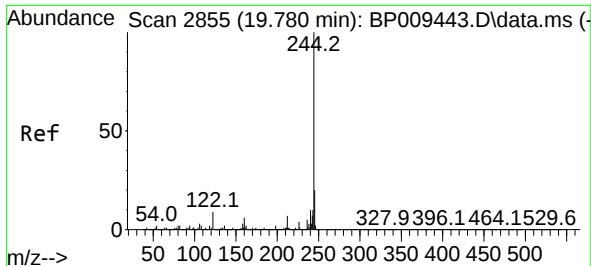
Tgt Ion:184 Resp: 3444936
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.7 9.4 14.0



#78
Pyrene
Concen: 48.350 ng
RT: 19.539 min Scan# 2814
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:202 Resp: 4379342
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 17.8 14.2 21.4

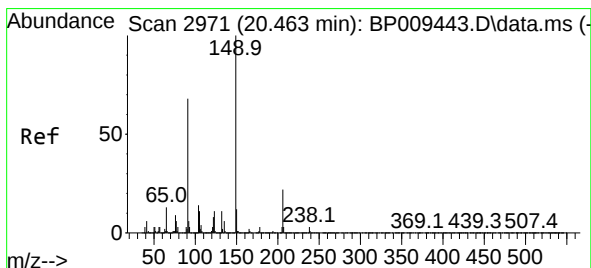
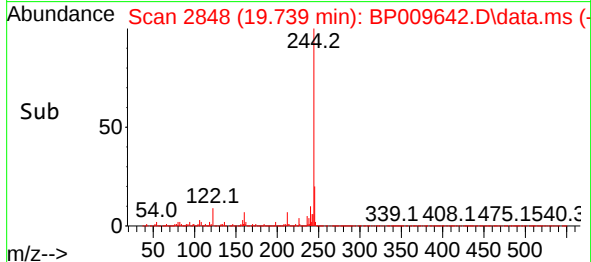
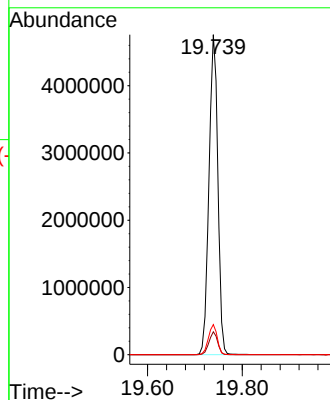
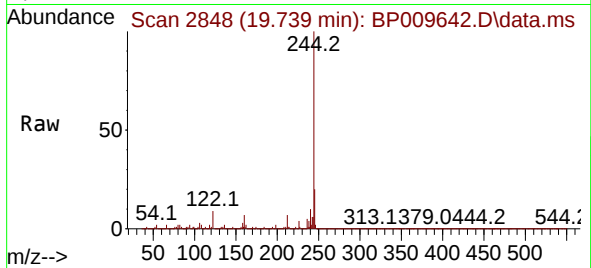




#79
 Terphenyl-d14
 Concen: 80.903 ng
 RT: 19.739 min Scan# 2848
 Delta R.T. -0.000 min
 Lab File: BP009642.D
 Acq: 31 Mar 2022 16:42

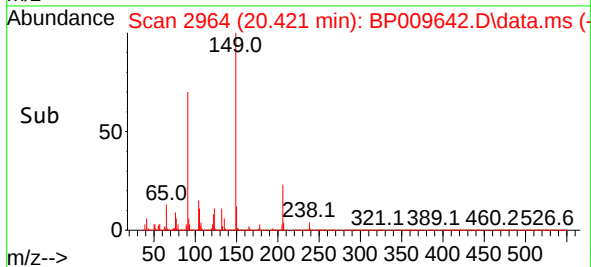
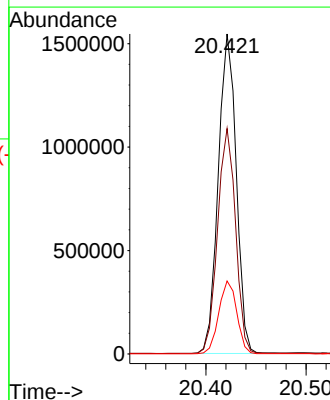
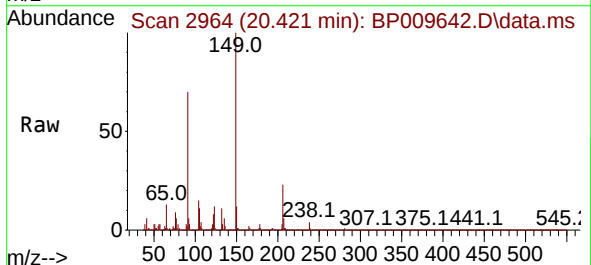
Instrument :
 BNA_P
 ClientSampleId :
 MHFMSD

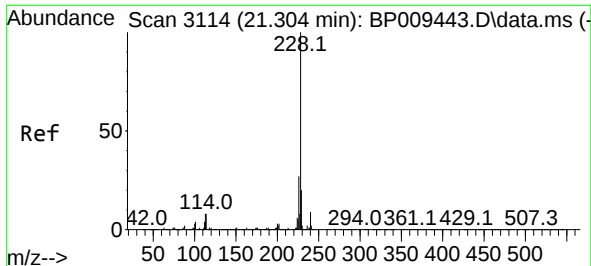
Tgt Ion:244 Resp: 6195621
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.4 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 50.027 ng
 RT: 20.421 min Scan# 2964
 Delta R.T. -0.000 min
 Lab File: BP009642.D
 Acq: 31 Mar 2022 16:42

Tgt Ion:149 Resp: 1925951
 Ion Ratio Lower Upper
 149 100
 91 70.5 57.9 86.9
 206 22.8 16.9 25.3

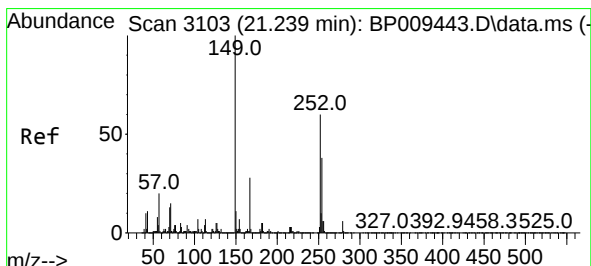
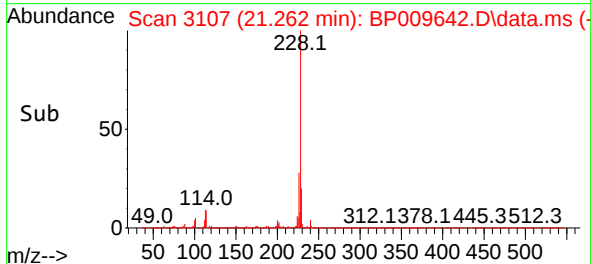
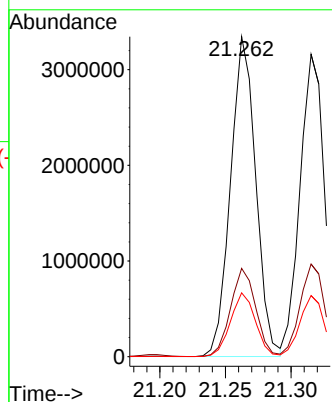
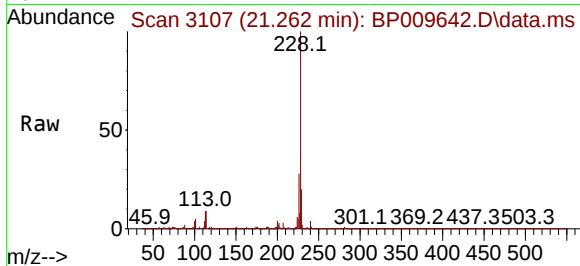




#81
Benzo(a)anthracene
Concen: 49.570 ng
RT: 21.262 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

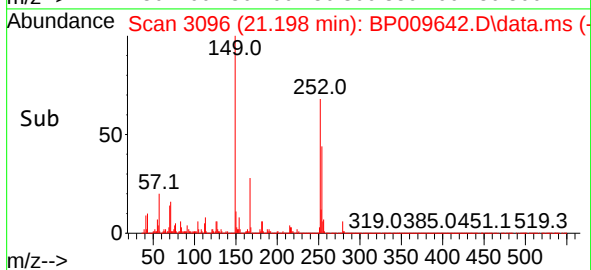
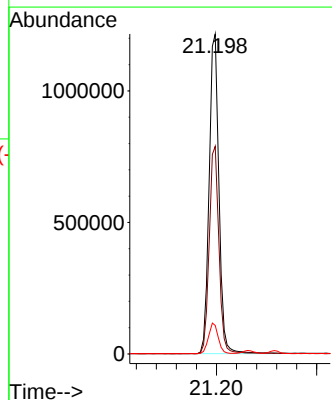
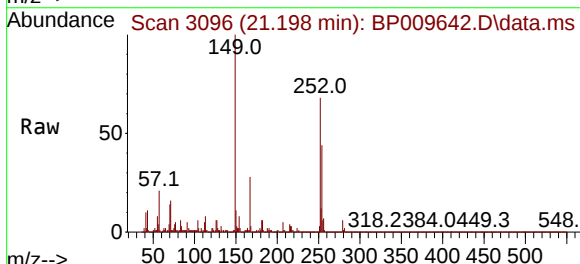
Instrument :
BNA_P
ClientSampleId :
MHFMSD

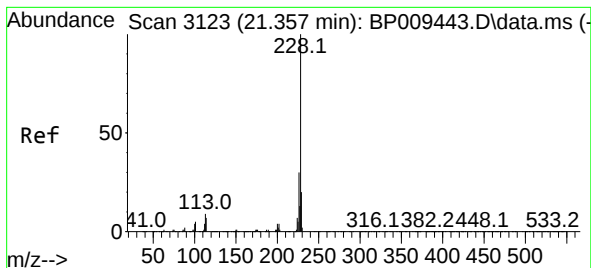
Tgt Ion:228 Resp: 4476499
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 20.0 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 47.281 ng
RT: 21.198 min Scan# 3096
Delta R.T. 0.006 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:252 Resp: 1649456
Ion Ratio Lower Upper
252 100
254 64.9 50.7 76.1
126 8.9 8.9 13.3





#83

Chrysene

Concen: 47.889 ng

RT: 21.315 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

Instrument :

BNA_P

ClientSampleId :

MHFMSD

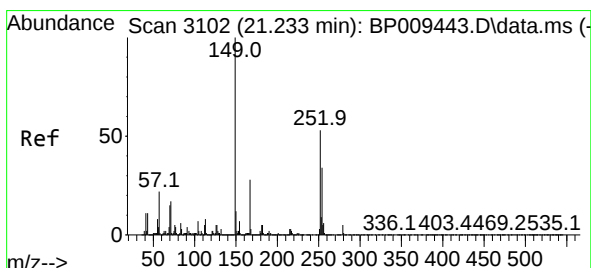
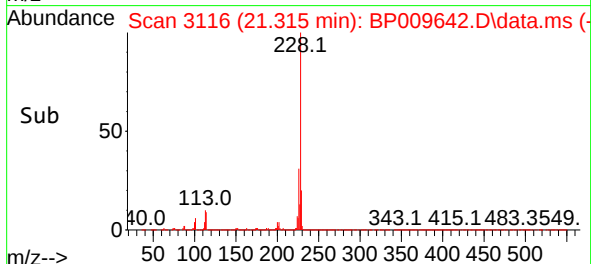
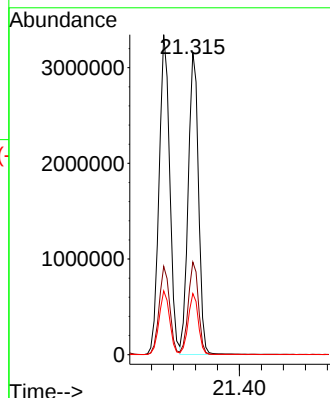
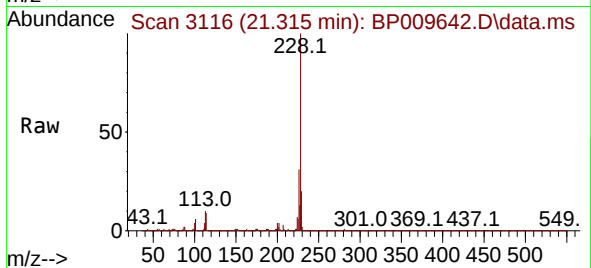
Tgt Ion:228 Resp: 4095085

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 20.2 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.446 ng

RT: 21.192 min Scan# 3095

Delta R.T. -0.000 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

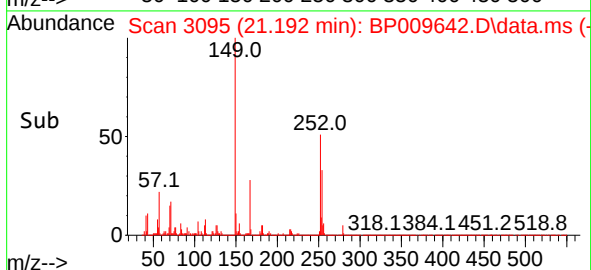
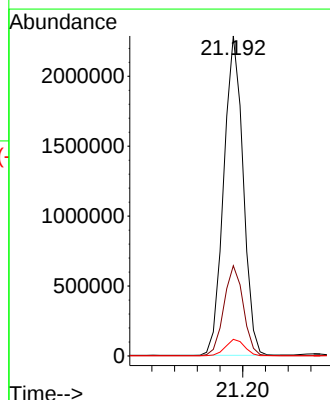
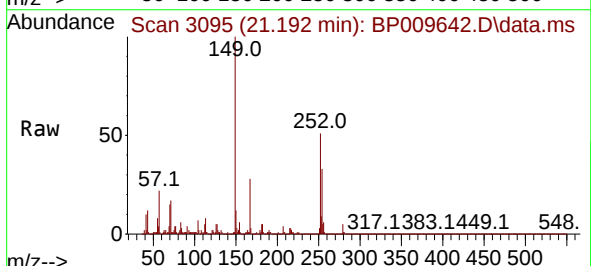
Tgt Ion:149 Resp: 2706992

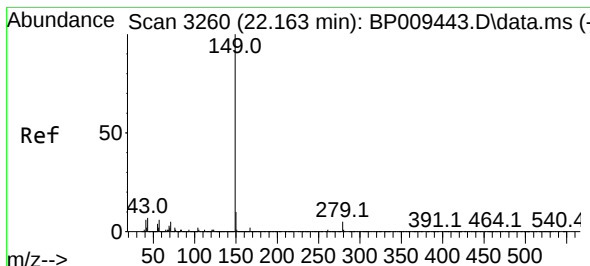
Ion Ratio Lower Upper

149 100

167 28.2 22.6 33.8

279 5.2 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 51.187 ng

RT: 22.109 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

Instrument :

BNA_P

ClientSampleId :

MHFMSD

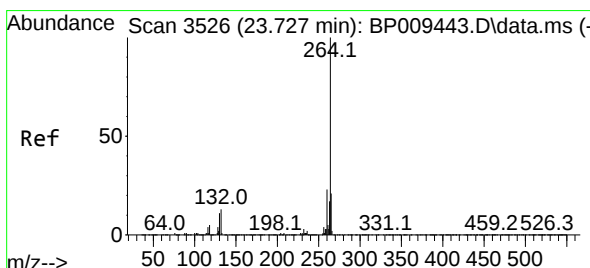
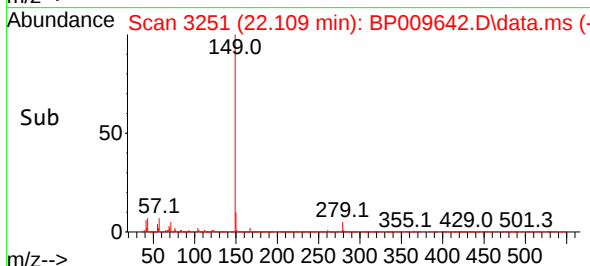
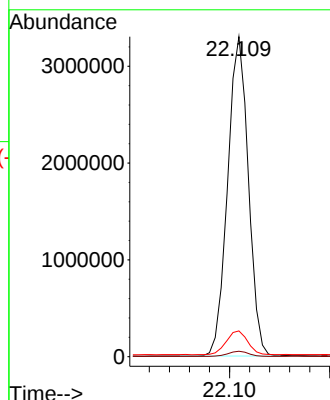
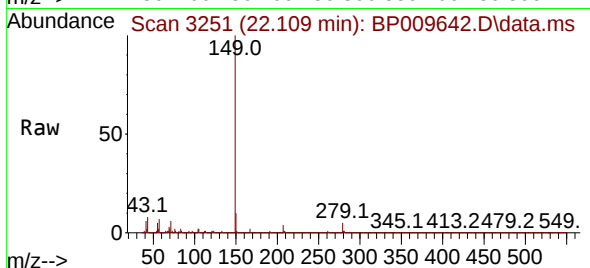
Tgt Ion:149 Resp: 4734485

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.7 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.662 min Scan# 3515

Delta R.T. 0.011 min

Lab File: BP009642.D

Acq: 31 Mar 2022 16:42

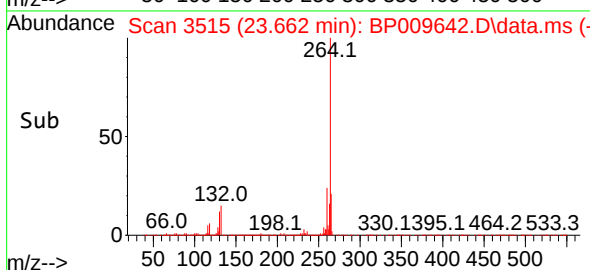
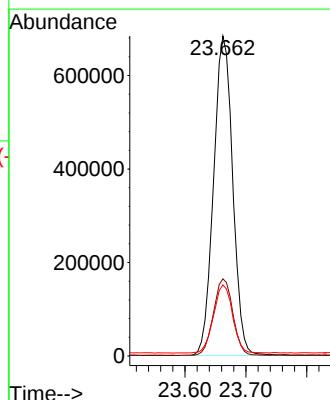
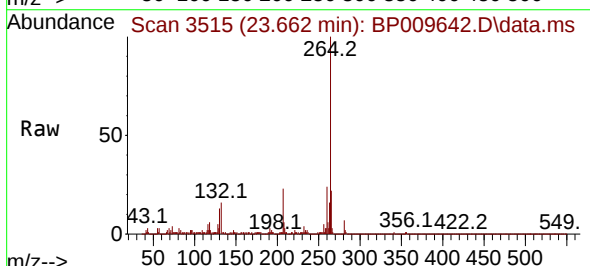
Tgt Ion:264 Resp: 1489022

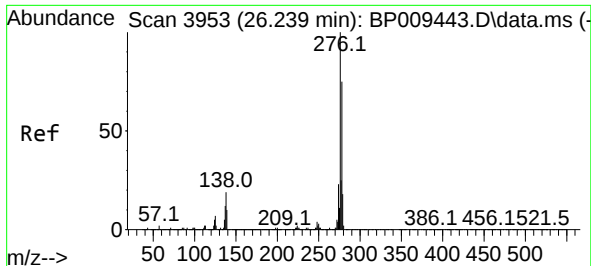
Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 22.2 17.2 25.8

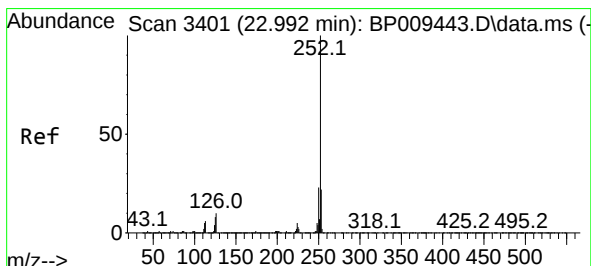
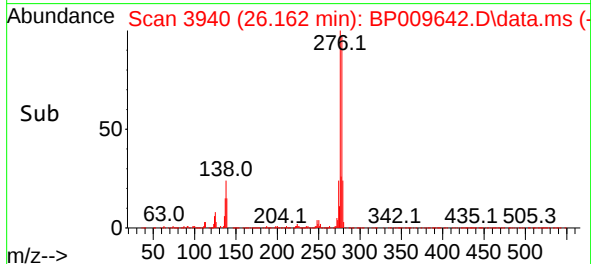
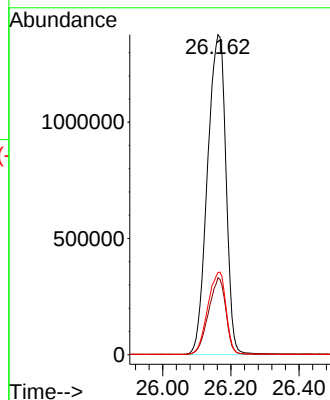
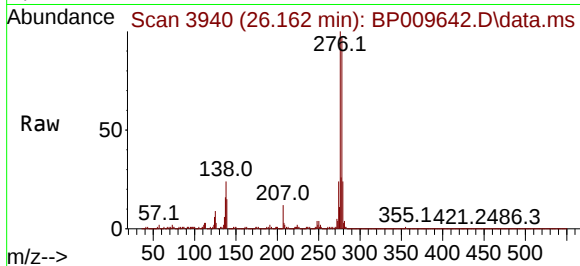




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.753 ng
 RT: 26.162 min Scan# 3392
 Delta R.T. 0.023 min
 Lab File: BP009642.D
 Acq: 31 Mar 2022 16:42

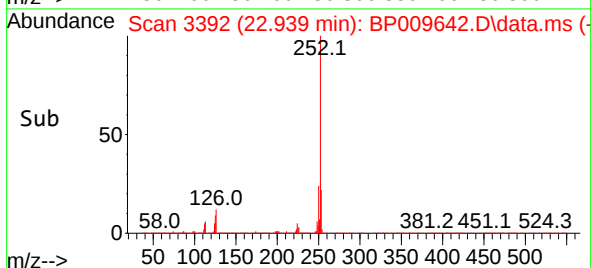
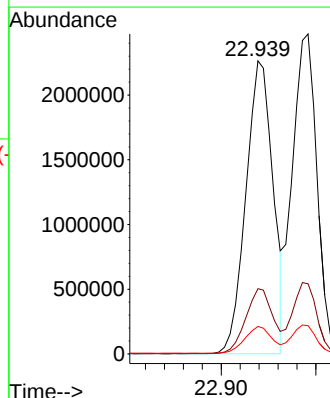
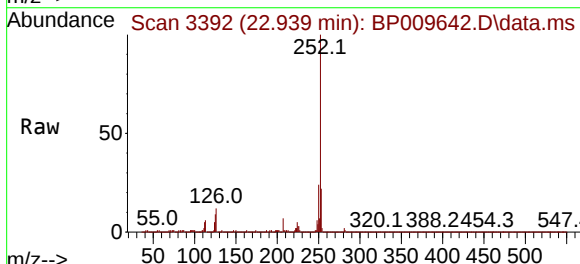
Instrument :
 BNA_P
 ClientSampleId :
 MHFMSD

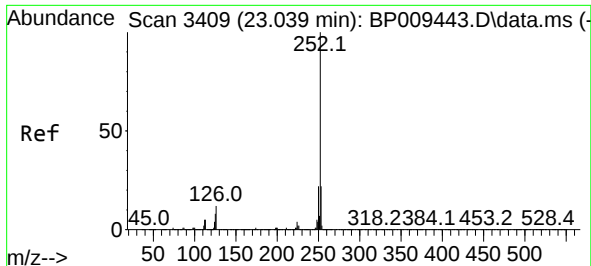
Tgt Ion:276 Resp: 5168639
 Ion Ratio Lower Upper
 276 100
 138 22.3 20.5 30.7
 277 25.3 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 50.528 ng
 RT: 22.939 min Scan# 3392
 Delta R.T. 0.011 min
 Lab File: BP009642.D
 Acq: 31 Mar 2022 16:42

Tgt Ion:252 Resp: 4491489
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.8
 125 9.4 8.1 12.1

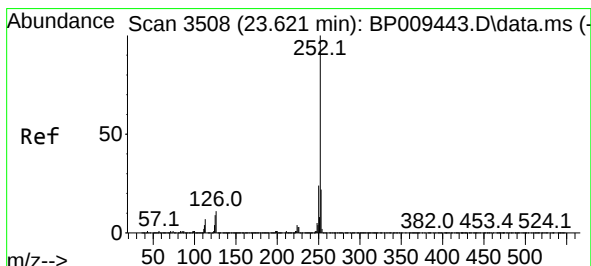
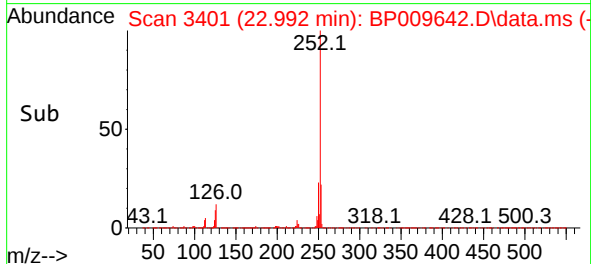
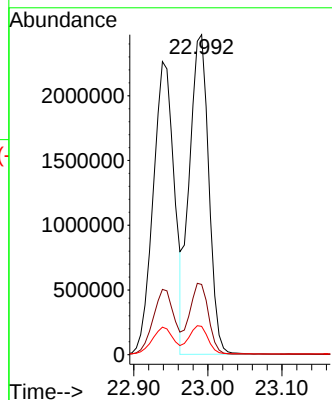
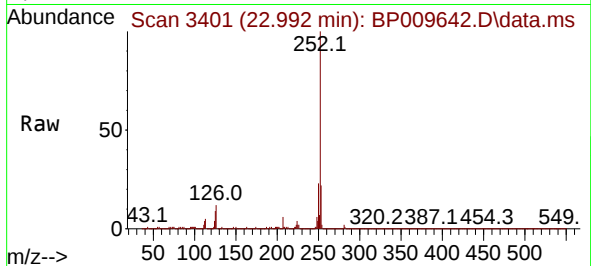




#89
Benzo(k)fluoranthene
Concen: 51.265 ng
RT: 22.992 min Scan# 3409
Delta R.T. 0.011 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

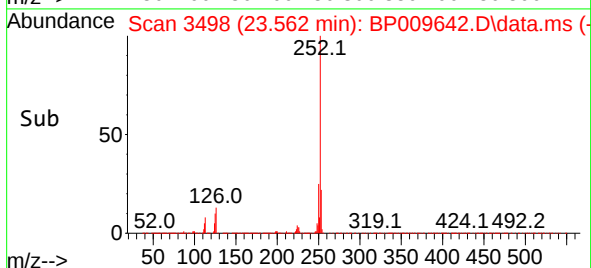
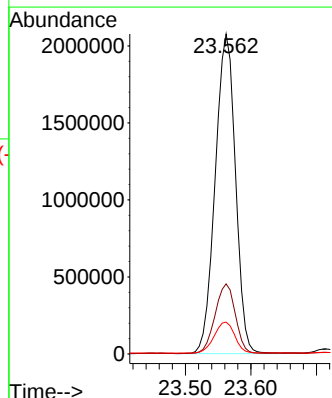
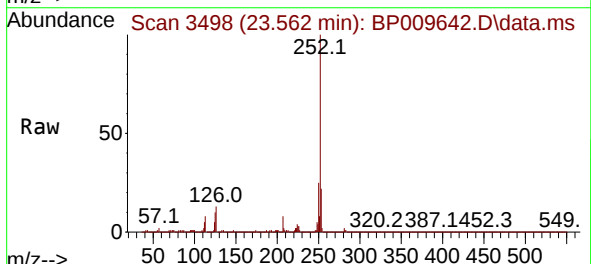
Instrument :
BNA_P
ClientSampleId :
MHFMSD

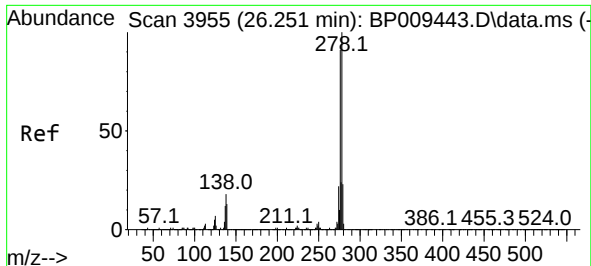
Tgt Ion:252 Resp: 4461768
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.8 8.3 12.5



#90
Benzo(a)pyrene
Concen: 58.447 ng
RT: 23.562 min Scan# 3498
Delta R.T. 0.011 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:252 Resp: 4445071
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.0 9.3 13.9

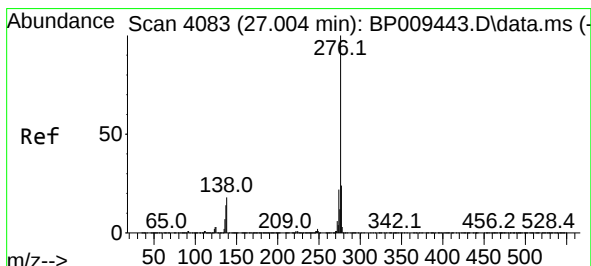
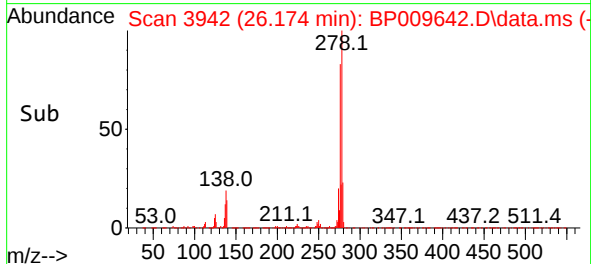
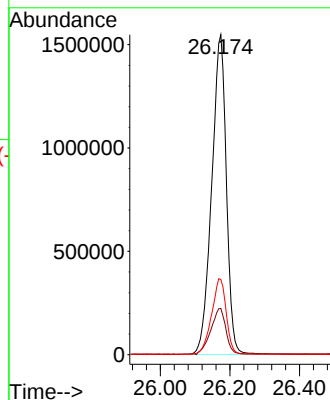
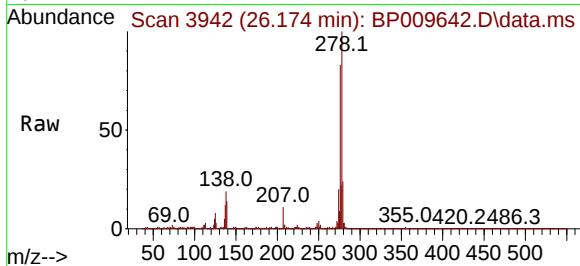




#91
Dibenzo(a,h)anthracene
Concen: 48.041 ng
RT: 26.174 min Scan# 3955
Delta R.T. 0.023 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Instrument :
BNA_P
ClientSampleId :
MHFMSD

Tgt Ion:278 Resp: 4523104
Ion Ratio Lower Upper
278 100
139 14.5 13.2 19.8
279 23.5 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 48.339 ng
RT: 26.921 min Scan# 4069
Delta R.T. 0.023 min
Lab File: BP009642.D
Acq: 31 Mar 2022 16:42

Tgt Ion:276 Resp: 4477228
Ion Ratio Lower Upper
276 100
277 24.1 19.2 28.8
138 19.1 18.0 27.0

