

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010515.D
 Acq On : 24 May 2022 14:36
 Operator : CG/JU
 Sample : N2918-20MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTD4MSD

Quant Time: May 24 23:16:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	171078	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	756991	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.516	164	509616	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	1106690	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.357	240	988739	20.000	ng/u1	# 0.00
88) Perylene-d12	23.774	264	767444	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	26	0.006	ng/uL	-0.18
4) Pyridine-d5	3.758	84	138066	12.115	ng/u1	0.00
7) Phenol-d5	7.052	99	112321	7.822	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	379217	39.308	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	332172	30.232	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	231124	18.940	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	240799	41.102	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	254211	40.944	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	424724	36.178	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	571644	32.749	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	1605303	42.755	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	1794080	41.425	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	54961	8.224	ng/u1	0.00
60) Fluorene-d10	15.516	176	1385024	42.401	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	276011	42.645	ng/u1	0.00
73) Anthracene-d10	17.375	188	2209754	44.096	ng/u1	0.00
81) Pyrene-d10	19.604	212	2628055	50.050	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.621	264	1808379	46.927	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	22242	5.350	ng/uL#	18
5) Pyridine	3.775	79	154424	13.039	ng/u1#	24
6) Benzaldehyde	7.028	77	436911	57.559	ng/u1	94
8) Phenol	7.081	94	132635	8.562	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.310	93	497236	40.825	ng/u1#	76
12) 2-Chlorophenol	7.452	128	354877	30.939	ng/u1	97
13) 2-Methylphenol	8.334	108	277328	23.982	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.422	45	812977	40.956	ng/u1#	83
16) Acetophenone	8.710	105	804419	41.956	ng/u1#	77
17) N-Nitroso-di-n-propyla...	8.699	70	438829	42.767	ng/u1#	69
18) 4-Methylphenol	8.663	108	256246	20.049	ng/u1	90
19) Hexachloroethane	8.963	117	195257	39.140	ng/u1#	79
22) Nitrobenzene	9.087	77	647382	42.049	ng/u1#	82
23) Isophorone	9.622	82	1227186	43.124	ng/u1#	97
25) 2-Nitrophenol	9.799	139	278076	40.790	ng/u1#	85
26) 2,4-Dimethylphenol	9.863	107	493585	33.367	ng/u1#	81
27) Bis(2-Chloroethoxy)met...	10.099	93	700316	41.332	ng/u1#	98
29) 2,4-Dichlorophenol	10.340	162	448160	37.338	ng/u1#	84
30) Naphthalene	10.740	128	4655214	117.738	ng/u1	97
32) 4-Chloroaniline	10.846	127	582251	33.611	ng/u1	98
33) Hexachlorobutadiene	11.028	225	330356	38.841	ng/u1	96
34) Caprolactam	11.651	113	24015	5.733	ng/u1#	5
35) 4-Chloro-3-methylphenol	11.969	107	495011	35.254	ng/u1#	69
36) 2-Methylnaphthalene	12.345	142	1162886	41.545	ng/u1	92

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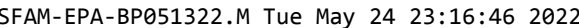
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 ClientSampleId :
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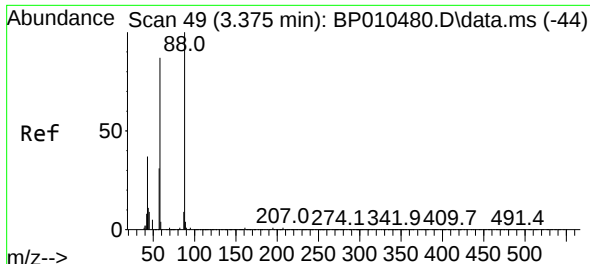
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	1242389	43.960	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.716	216	638610	41.064	ng/ul	93
40) Hexachlorocyclopentadiene	12.693	237	209958	24.833	ng/ul	95
41) 2,4,6-Trichlorophenol	12.951	196	420488	43.376	ng/ul#	86
42) 2,4,5-Trichlorophenol	13.028	196	457447	42.262	ng/ul#	87
43) 1,1'-Biphenyl	13.351	154	1572338	42.034	ng/ul#	93
44) 2-Chloronaphthalene	13.398	162	1216273	42.099	ng/ul	93
45) 2-Nitroaniline	13.598	65	470940	49.529	ng/ul#	77
47) Dimethylphthalate	13.981	163	1641525	44.074	ng/ul#	92
48) 2,6-Dinitrotoluene	14.098	165	367160	48.360	ng/ul	97
50) Acenaphthylene	14.240	152	2023453	43.188	ng/ul	95
51) 3-Nitroaniline	14.428	138	324199	45.497	ng/ul#	82
52) Acenaphthene	14.587	153	2653636	86.823	ng/ul	97
53) 2,4-Dinitrophenol	14.640	184	179431	42.331	ng/ul#	63
55) 4-Nitrophenol	14.739	109	55304	9.307	ng/ul#	37
56) Dibenzofuran	14.916	168	2028284	45.283	ng/ul	99
57) 2,4-Dinitrotoluene	14.887	165	534956	48.946	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.145	232	417554	44.861	ng/ul#	85
59) Diethylphthalate	15.339	149	1728587	45.485	ng/ul	93
61) Fluorene	15.569	166	2174141	59.354	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.563	204	828017	43.456	ng/ul	99
63) 4-Nitroaniline	15.592	138	362848	51.571	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.657	198	282104	43.706	ng/ul#	91
67) N-Nitrosodiphenylamine	15.775	169	1427904	46.008	ng/ul	95
68) 4-Bromophenyl-phenylether	16.457	248	519406	45.572	ng/ul	97
69) Hexachlorobenzene	16.581	284	590569	45.047	ng/ul#	88
70) Atrazine	16.739	200	570898	45.917	ng/ul#	90
71) Pentachlorophenol	16.922	266	370561	45.048	ng/ul#	86
72) Phenanthrene	17.316	178	2726833	46.169	ng/ul	98
74) Anthracene	17.404	178	2692623	45.445	ng/ul	98
76) Pentachlorobenzene	14.845	250	658034	43.121	ng/uL	90
77) Carbazole	17.681	167	4260834	81.827	ng/ul#	95
78) Di-n-butylphthalate	18.228	149	3168213	49.956	ng/ul#	93
80) Fluoranthene	19.280	202	3305769	54.175	ng/ul	97
82) Pyrene	19.633	202	3277397	51.468	ng/ul	96
83) Butylbenzylphthalate	20.504	149	1496652	58.777	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.269	252	793457	39.928	ng/ul#	97
85) Benzo(a)anthracene	21.339	228	2991862	48.389	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.263	149	2139347	57.254	ng/ul#	82
87) Chrysene	21.392	228	2840119	46.699	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	3613132	62.758	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	2566499	50.173	ng/ul	99
91) Benzo(k)fluoranthene	23.086	252	2379786	48.950	ng/ul#	97
93) Benzo(a)pyrene	23.674	252	2297545	48.344	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	26.304	276	2286414	51.139	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.321	278	1977707	50.978	ng/ul#	95
96) Benzo(g,h,i)perylene	27.074	276	1922440	51.494	ng/ul#	92

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

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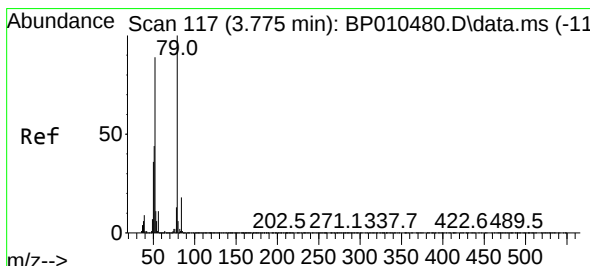
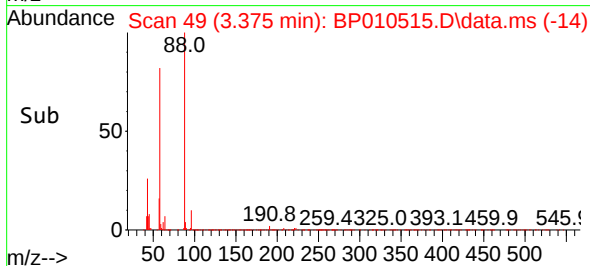
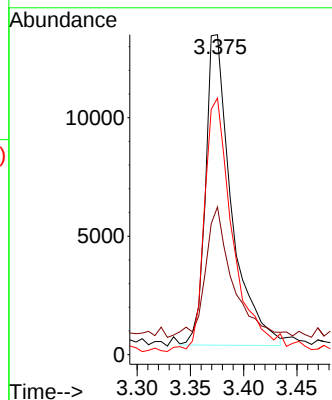
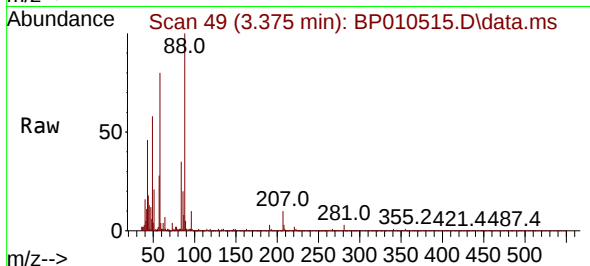




#2
1,4-Dioxane
Concen: 5.350 ng/uL
RT: 3.375 min Scan# 49
Delta R.T. 0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

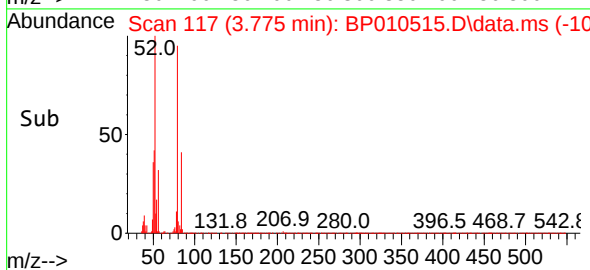
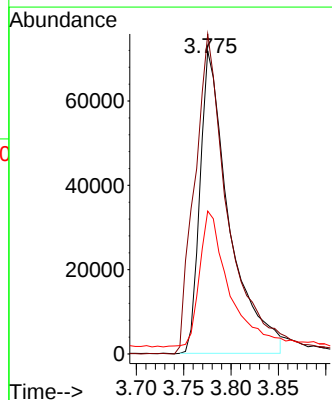
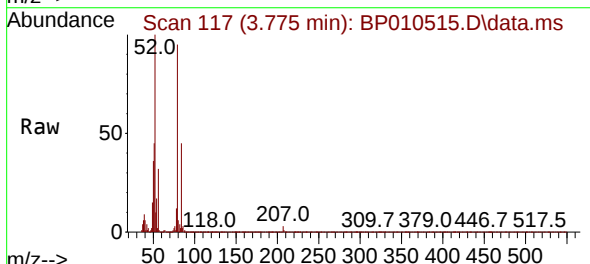
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

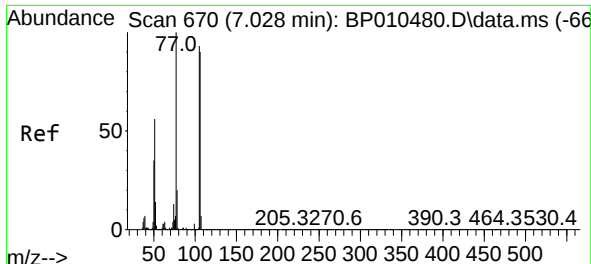
Tgt Ion: 88	Resp: 22242
Ion Ratio	Lower Upper
88 100	
43 46.1	6.8 10.2#
58 80.2	28.4 42.6#



#5
Pyridine
Concen: 13.039 ng/uL
RT: 3.775 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion: 79	Resp: 154424
Ion Ratio	Lower Upper
79 100	
52 105.6	35.5 53.3#
51 47.1	20.2 30.4#

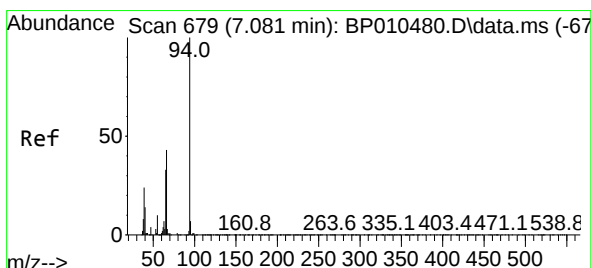
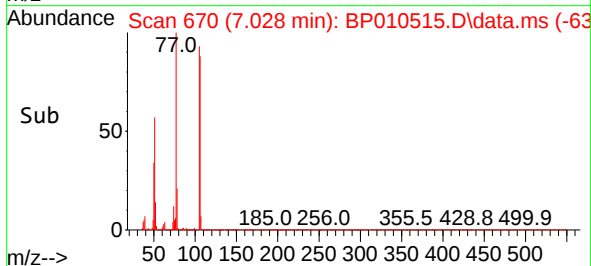
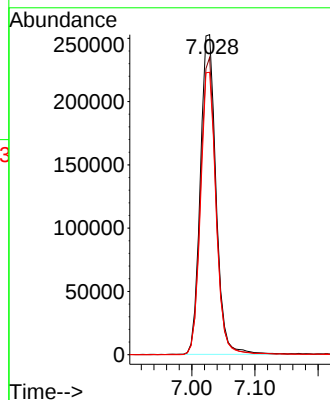
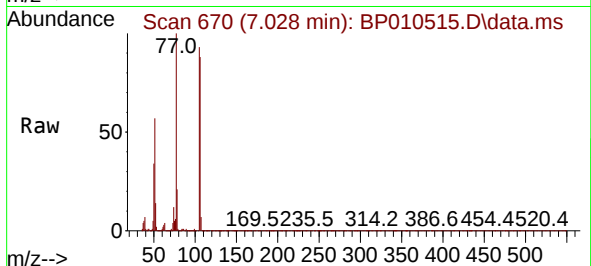




#6
Benzaldehyde
Concen: 57.559 ng/ul
RT: 7.028 min Scan# 611
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

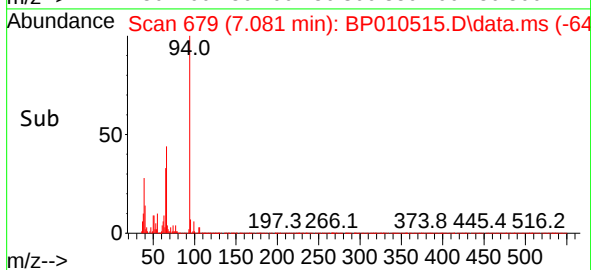
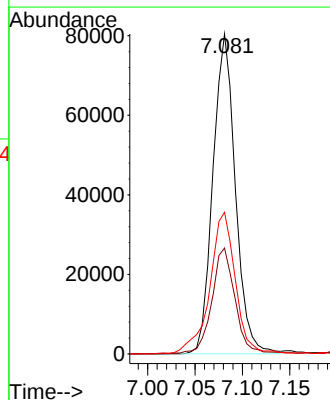
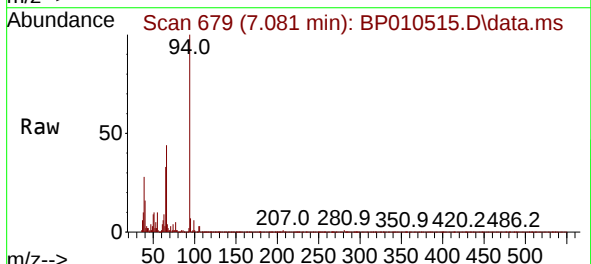
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

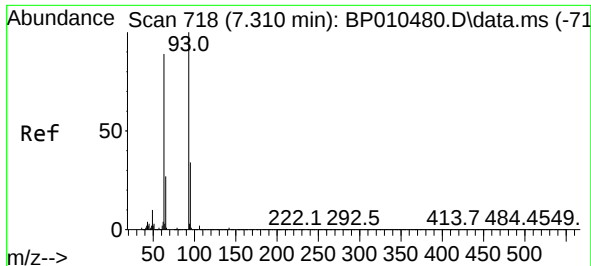
Tgt Ion: 77 Resp: 436911
Ion Ratio Lower Upper
77 100
105 92.9 77.0 115.4
106 88.3 77.0 115.4



#8
Phenol
Concen: 8.562 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. -0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion: 94 Resp: 132635
Ion Ratio Lower Upper
94 100
65 33.1 19.0 28.6
66 44.3 34.6 51.8

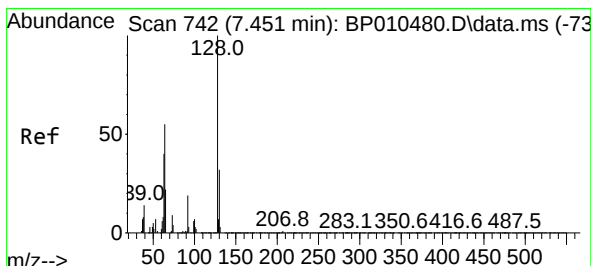
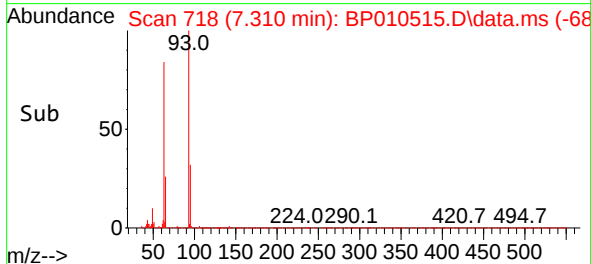
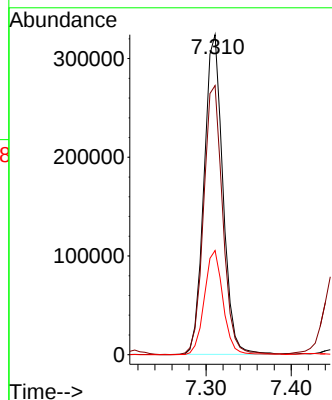
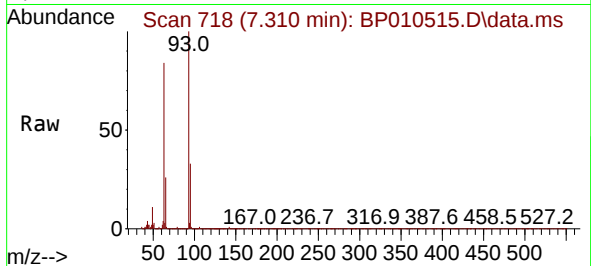




#10
Bis(2-Chloroethyl)ether
Concen: 40.825 ng/ul
RT: 7.310 min Scan# 718
Delta R.T. -0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

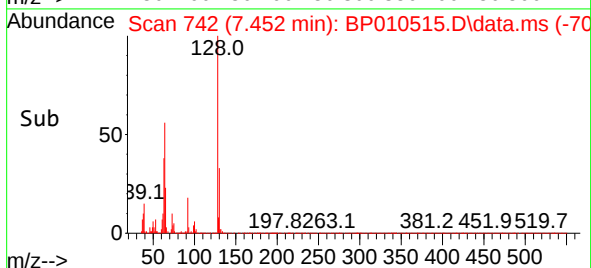
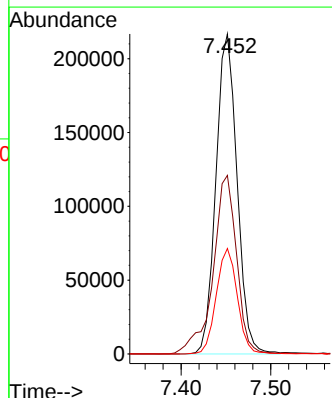
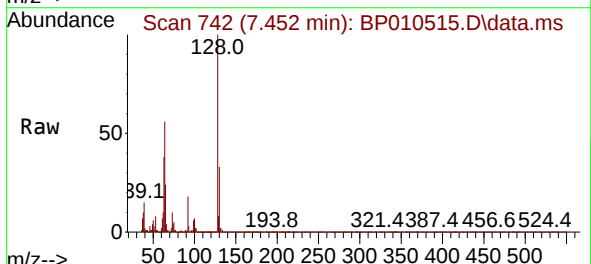
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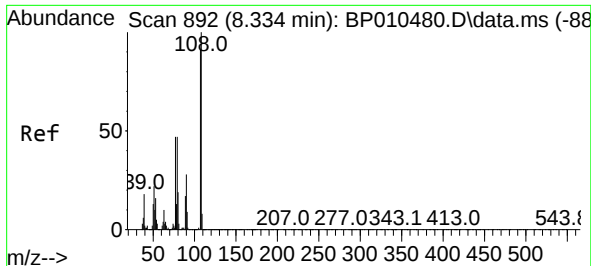
Tgt Ion: 93 Resp: 497236
Ion Ratio Lower Upper
93 100
63 84.1 45.0 67.4#
95 32.6 26.3 39.5



#12
2-Chlorophenol
Concen: 30.939 ng/ul
RT: 7.452 min Scan# 742
Delta R.T. -0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:128 Resp: 354877
Ion Ratio Lower Upper
128 100
64 55.8 45.3 67.9
130 33.0 29.0 43.6

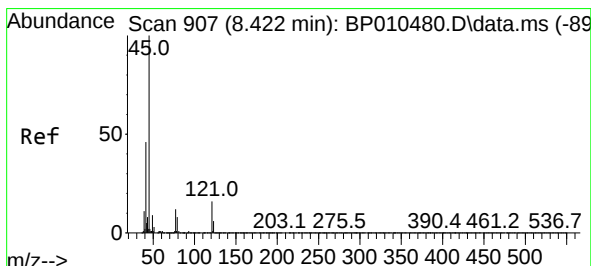
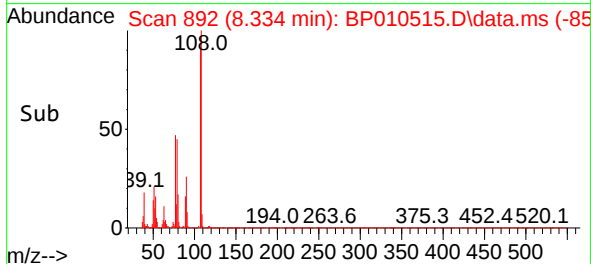
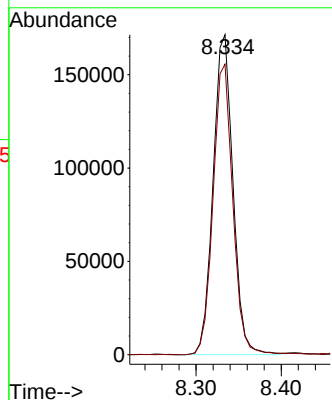
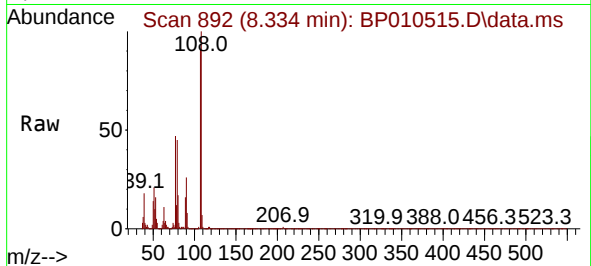




#13
2-Methylphenol
Concen: 23.982 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

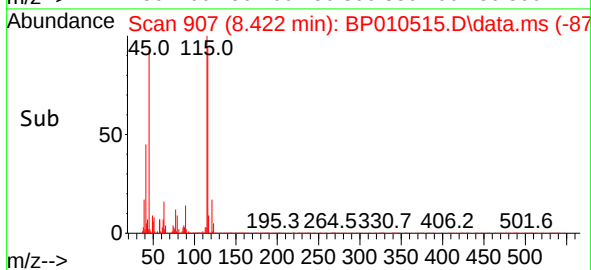
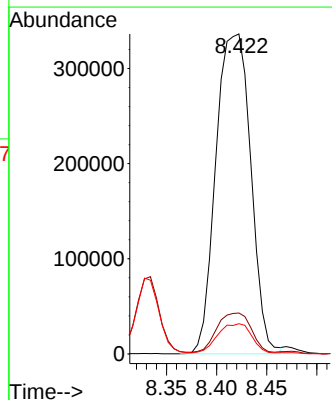
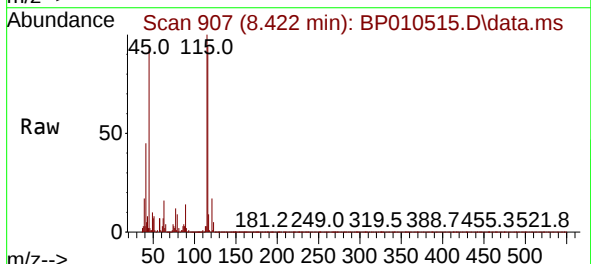
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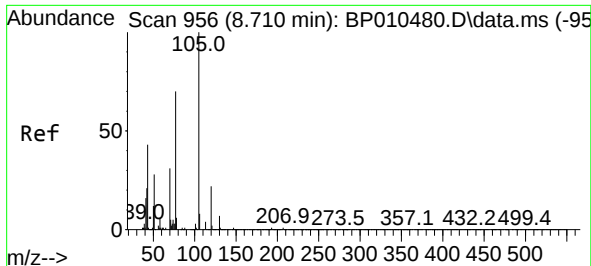
Tgt Ion:108 Resp: 277328
Ion Ratio Lower Upper
108 100
107 90.8 70.8 106.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 40.956 ng/ul
RT: 8.422 min Scan# 907
Delta R.T. 0.006 min
Lab File: BP010515.D
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Tgt Ion: 45 Resp: 812977
Ion Ratio Lower Upper
45 100
77 12.8 17.1 25.7#
79 9.4 13.2 19.8#

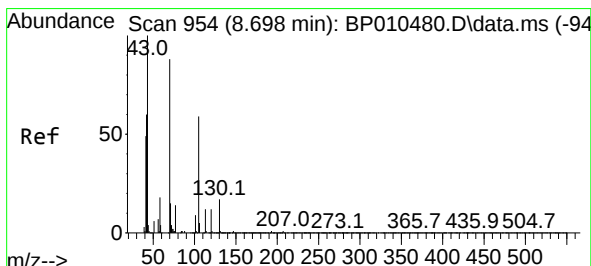
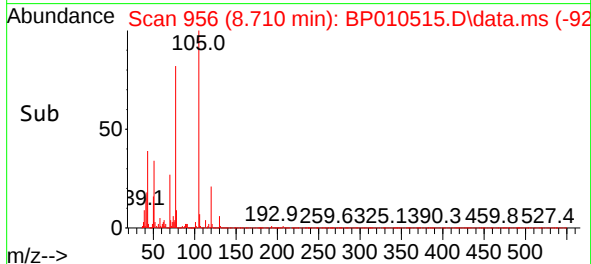
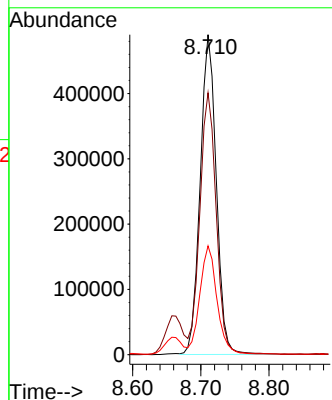
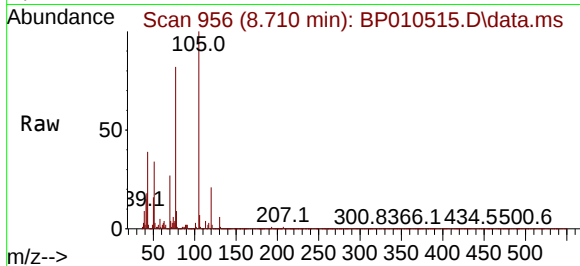




#16
Acetophenone
Concen: 41.956 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

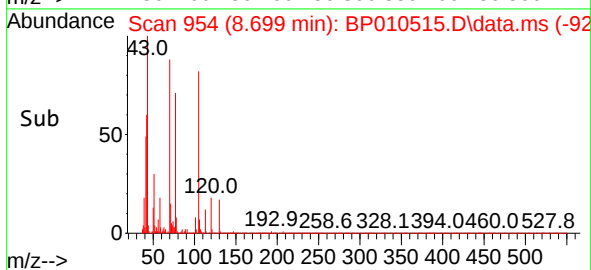
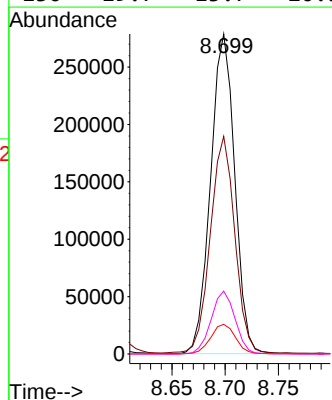
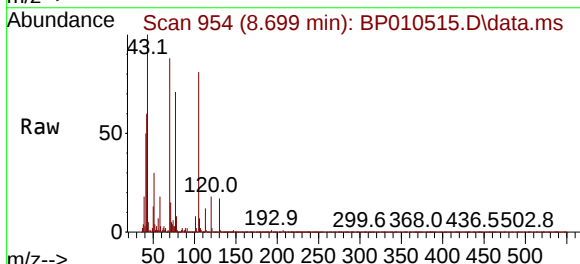
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

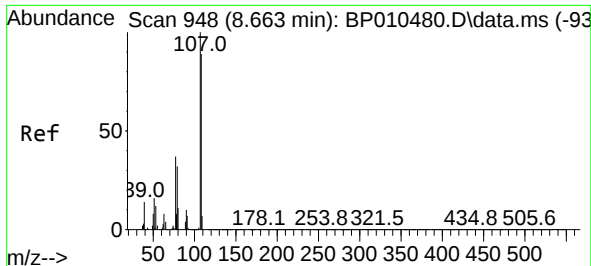
Tgt Ion:105 Resp: 804419
Ion Ratio Lower Upper
105 100
77 81.8 53.4 80.2#
51 34.0 13.8 20.8#



#17
N-Nitroso-di-n-propylamine
Concen: 42.767 ng/ul
RT: 8.699 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion: 70 Resp: 438829
Ion Ratio Lower Upper
70 100
42 68.0 31.8 47.8#
101 9.2 15.6 23.4#
130 19.7 13.7 20.5





#18

4-Methylphenol

Concen: 20.049 ng/ul

RT: 8.663 min Scan# 948

Delta R.T. -0.000 min

Lab File: BP010515.D

Acq: 24 May 2022 14:36

Instrument :

BNA_P

ClientSampleId :

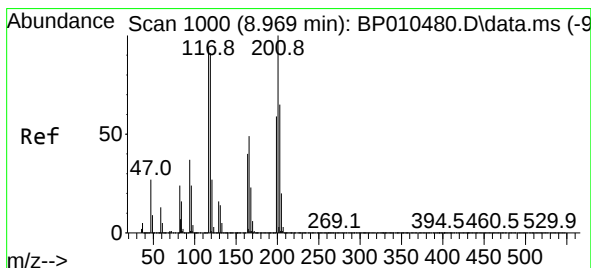
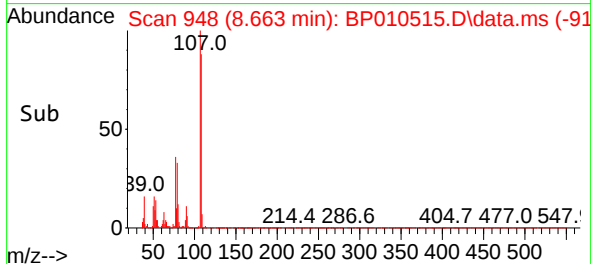
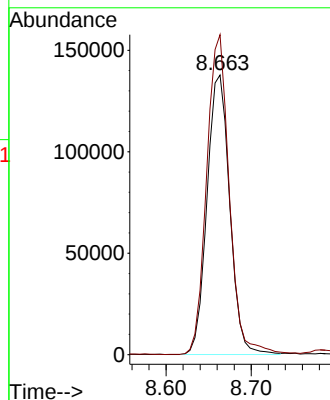
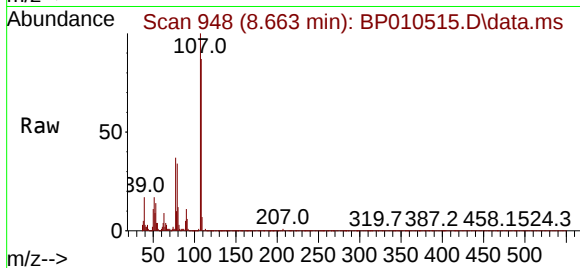
DBTD4MSD

Tgt Ion:108 Resp: 256246

Ion Ratio Lower Upper

108 100

107 114.4 83.6 125.4



#19

Hexachloroethane

Concen: 39.140 ng/ul

RT: 8.963 min Scan# 999

Delta R.T. -0.006 min

Lab File: BP010515.D

Acq: 24 May 2022 14:36

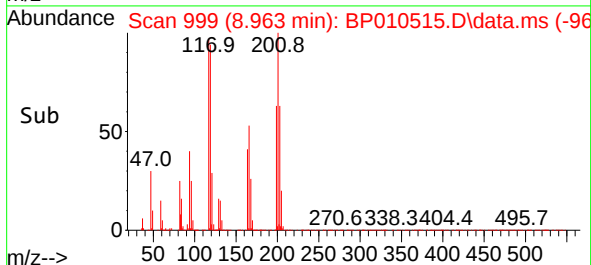
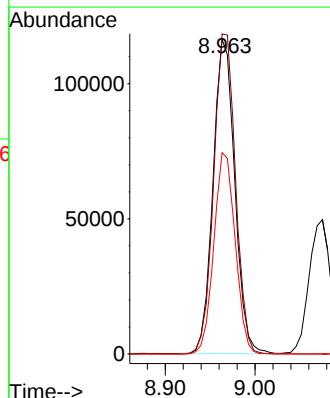
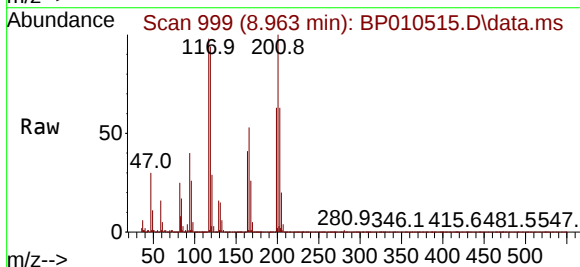
Tgt Ion:117 Resp: 195257

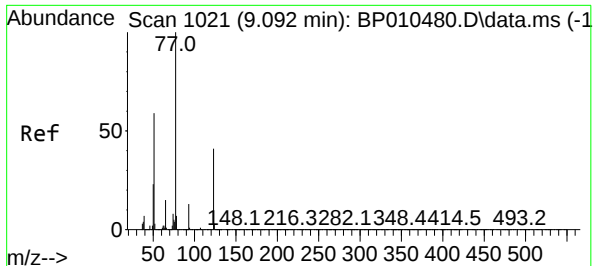
Ion Ratio Lower Upper

117 100

201 101.7 106.5 159.7#

199 64.0 59.0 88.6

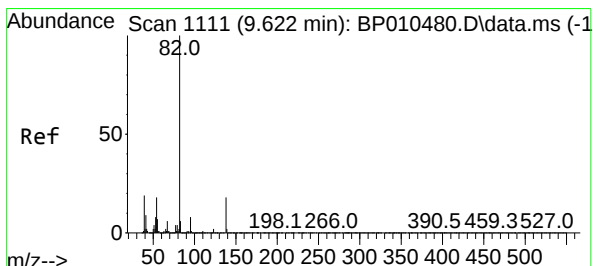
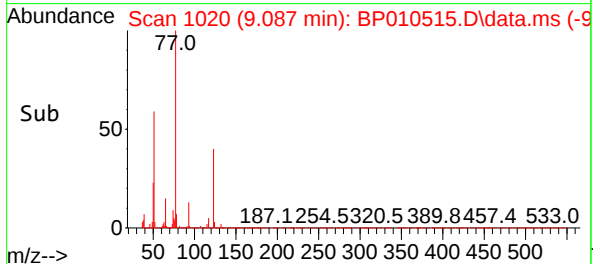
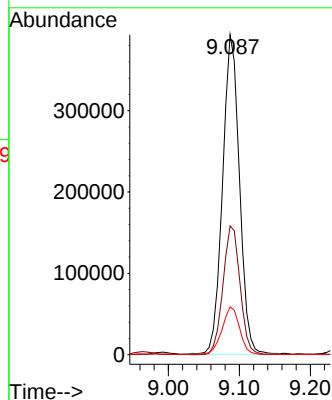
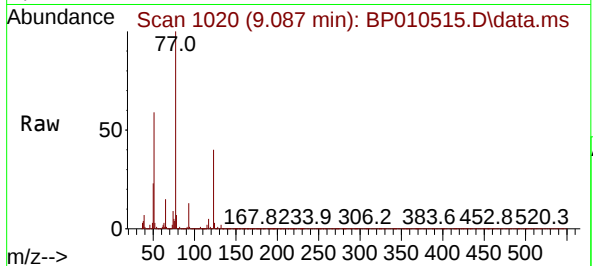




#22
Nitrobenzene
Concen: 42.049 ng/ul
RT: 9.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

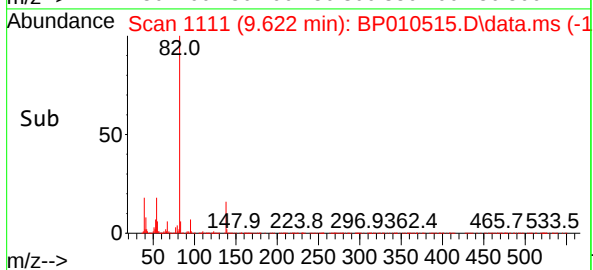
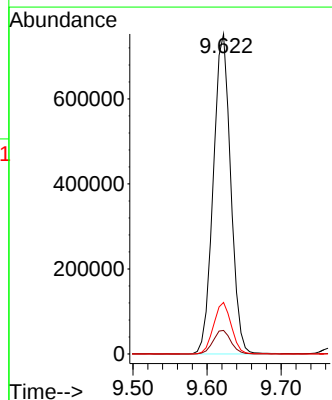
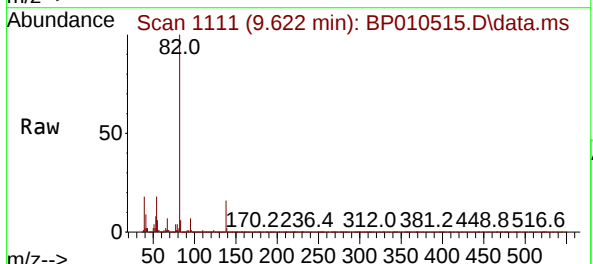
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

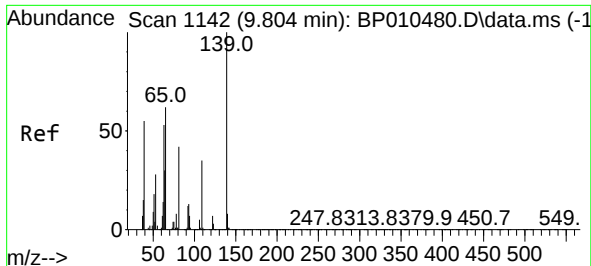
Tgt Ion: 77 Resp: 647382
Ion Ratio Lower Upper
77 100
123 40.3 42.3 63.5#
65 15.0 5.8 8.8#



#23
Isophorone
Concen: 43.124 ng/ul
RT: 9.622 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion: 82 Resp: 1227186
Ion Ratio Lower Upper
82 100
95 7.4 7.8 11.8#
138 16.1 12.9 19.3

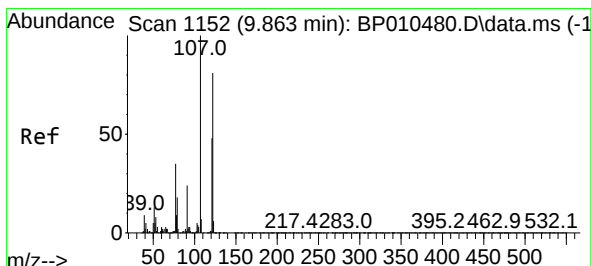
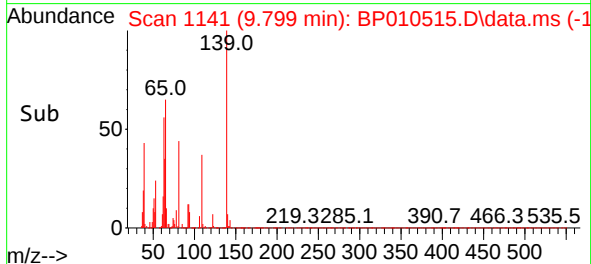
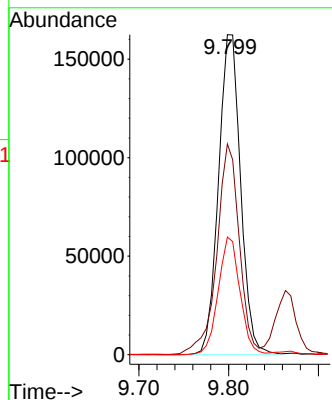
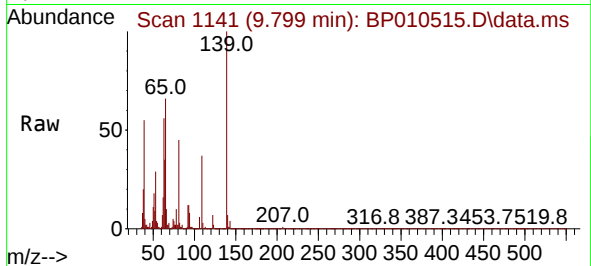




#25
2-Nitrophenol
Concen: 40.790 ng/ul
RT: 9.799 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

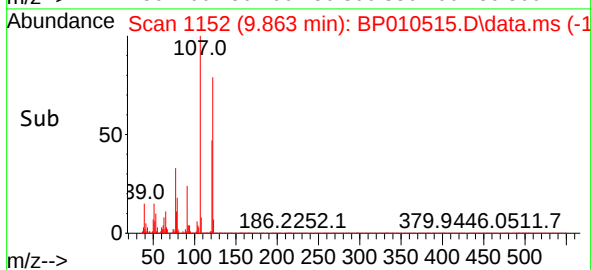
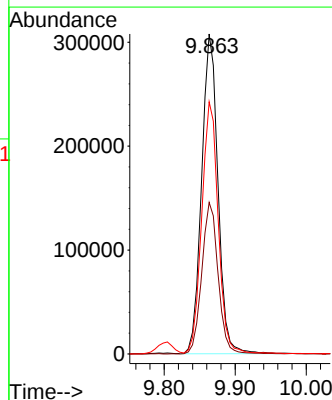
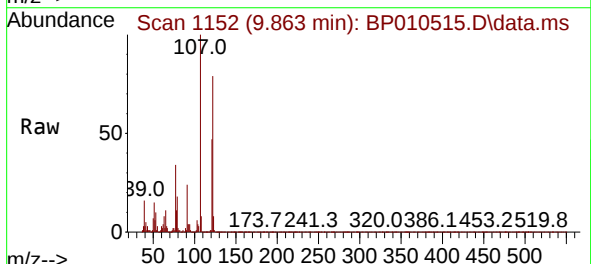
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

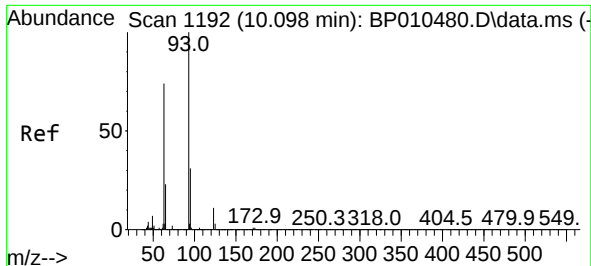
Tgt Ion:139 Resp: 278076
Ion Ratio Lower Upper
139 100
65 65.8 49.4 74.2
109 36.8 44.7 67.1#



#26
2,4-Dimethylphenol
Concen: 33.367 ng/ul
RT: 9.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:107 Resp: 493585
Ion Ratio Lower Upper
107 100
121 47.4 34.1 51.1
122 78.8 46.3 69.5#

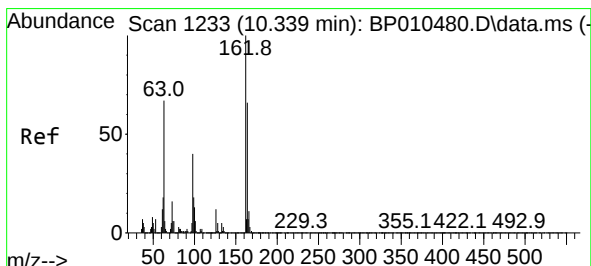
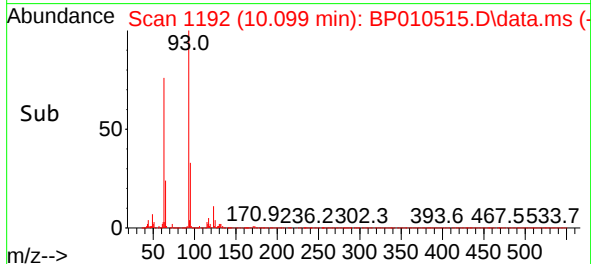
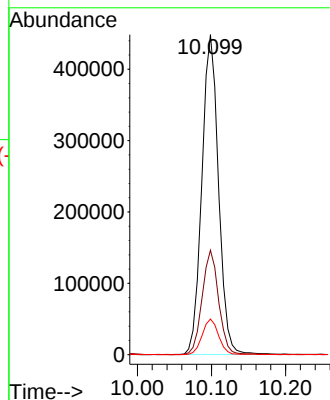
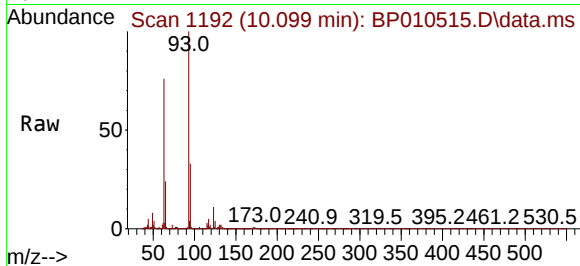




#27
 Bis(2-Chloroethoxy)methane
 Concen: 41.332 ng/ul
 RT: 10.099 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BP010515.D
 Acq: 24 May 2022 14:36

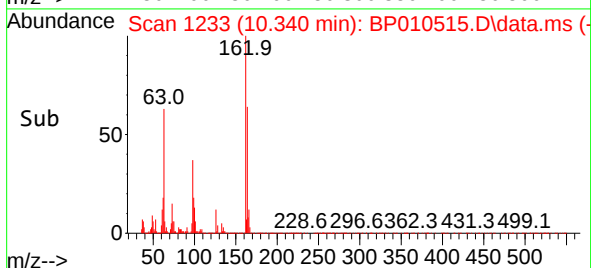
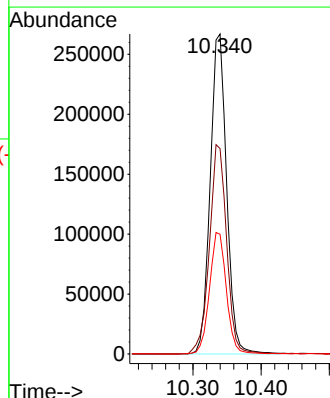
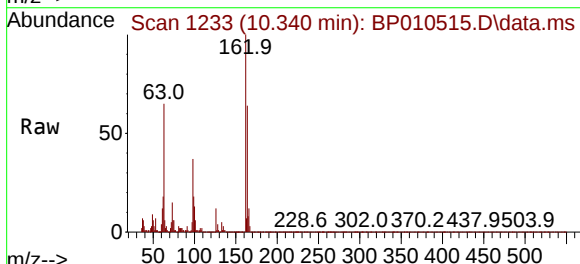
Instrument :
 BNA_P
 ClientSampleId :
 DBTD4MSD

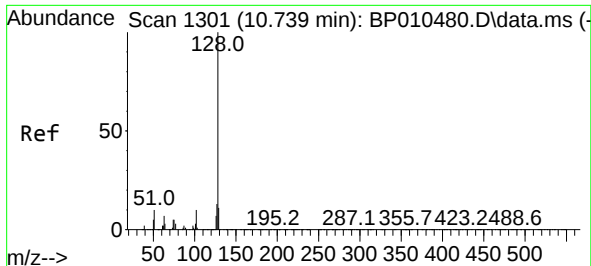
Tgt Ion: 93 Resp: 700316
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.2 39.4
 123 11.2 6.2 9.4#



#29
 2,4-Dichlorophenol
 Concen: 37.338 ng/ul
 RT: 10.340 min Scan# 1233
 Delta R.T. 0.006 min
 Lab File: BP010515.D
 Acq: 24 May 2022 14:36

Tgt Ion:162 Resp: 448160
 Ion Ratio Lower Upper
 162 100
 164 64.2 37.0 55.6#
 98 37.4 31.0 46.6

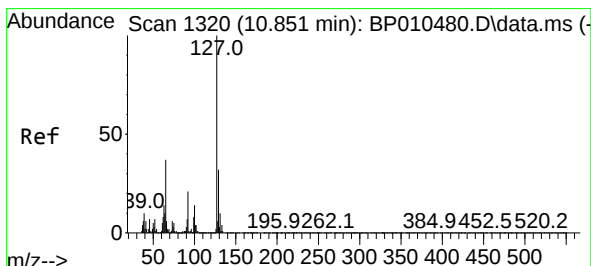
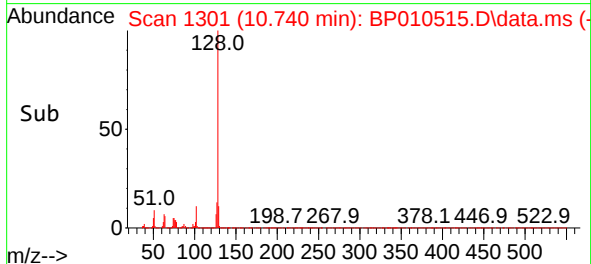
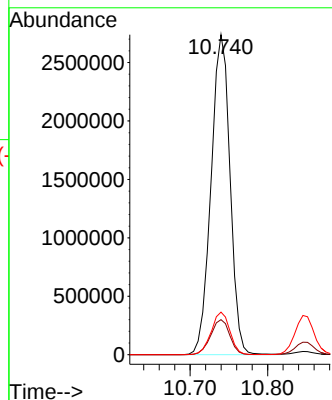
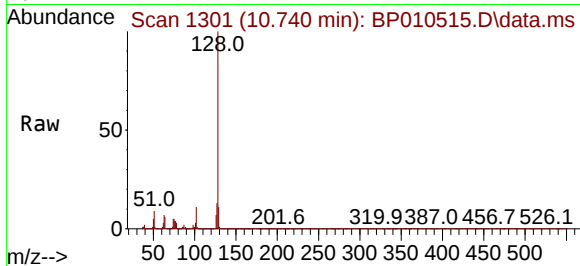




#30
Naphthalene
Concen: 117.738 ng/ul
RT: 10.740 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

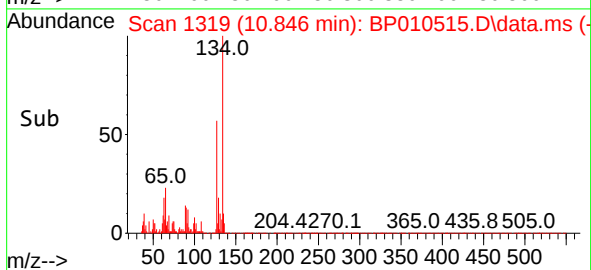
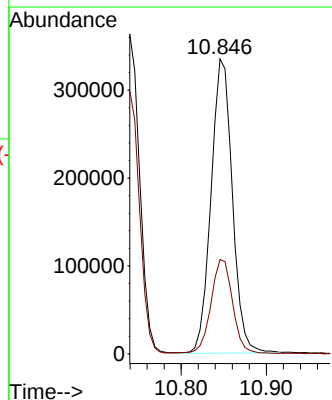
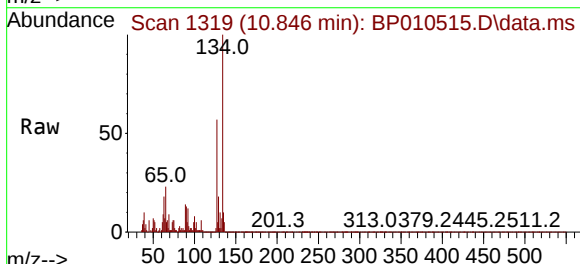
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

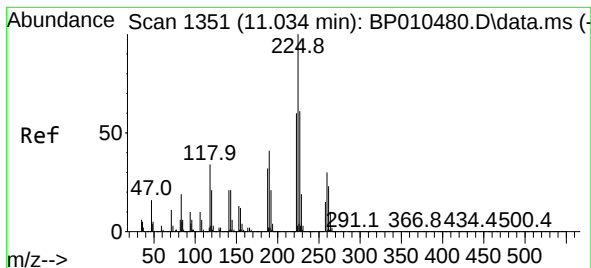
Tgt Ion:128 Resp: 4655214
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 12.2 18.4



#32
4-Chloroaniline
Concen: 33.611 ng/ul
RT: 10.846 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:127 Resp: 582251
Ion Ratio Lower Upper
127 100
129 32.0 24.6 37.0





#33

Hexachlorobutadiene

Concen: 38.841 ng/ul

RT: 11.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP010515.D

Acq: 24 May 2022 14:36

Instrument :

BNA_P

ClientSampleId :

DBTD4MSD

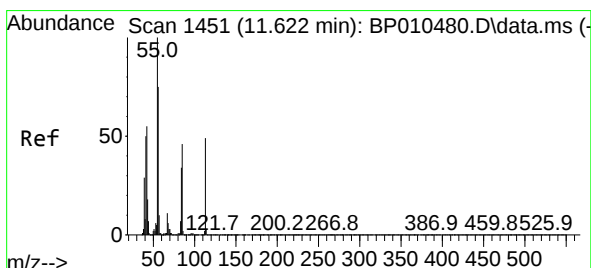
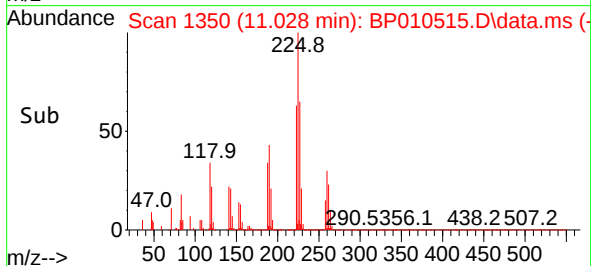
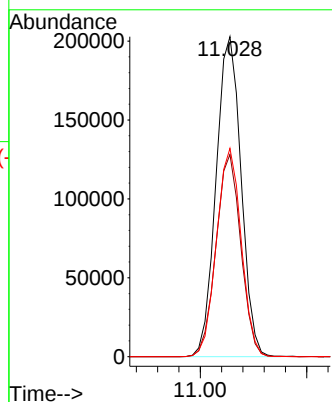
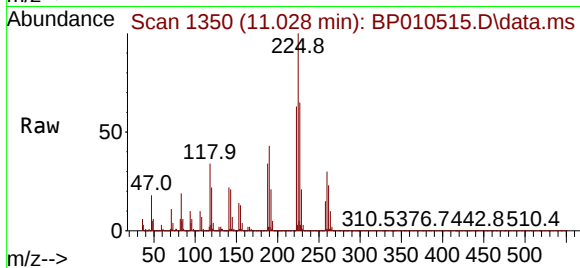
Tgt Ion:225 Resp: 330356

Ion Ratio Lower Upper

225 100

223 63.2 53.4 80.0

227 65.1 53.8 80.8



#34

Caprolactam

Concen: 5.733 ng/ul

RT: 11.651 min Scan# 1456

Delta R.T. 0.029 min

Lab File: BP010515.D

Acq: 24 May 2022 14:36

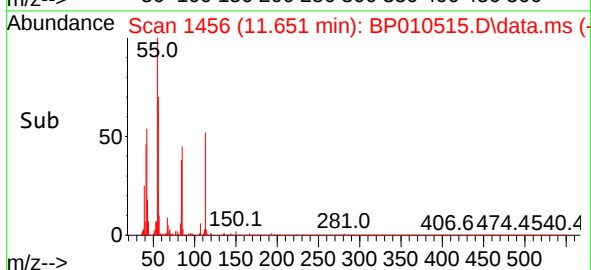
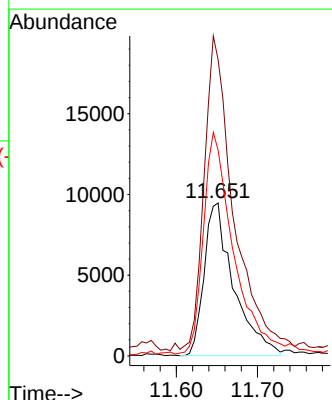
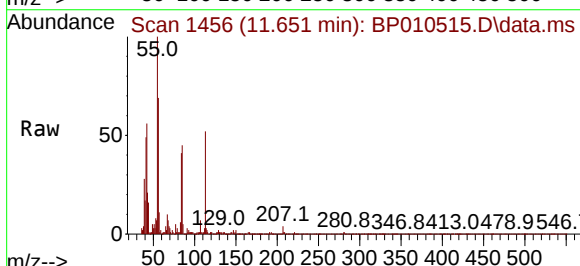
Tgt Ion:113 Resp: 24015

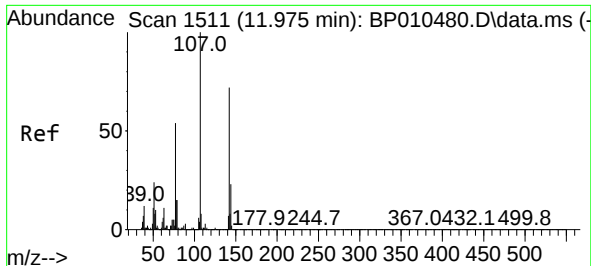
Ion Ratio Lower Upper

113 100

55 193.7 58.2 87.2#

56 134.5 68.6 103.0#

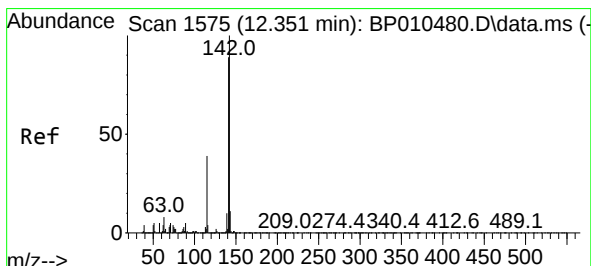
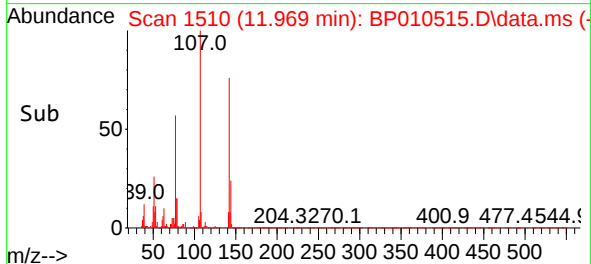
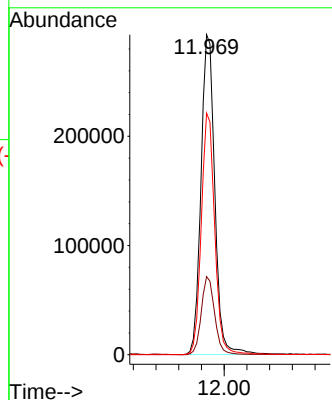
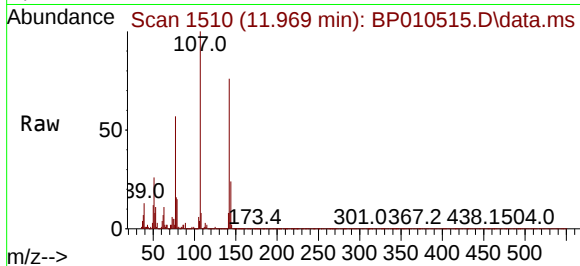




#35
4-Chloro-3-methylphenol
Concen: 35.254 ng/ul
RT: 11.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

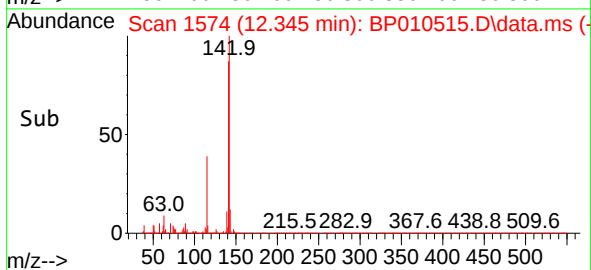
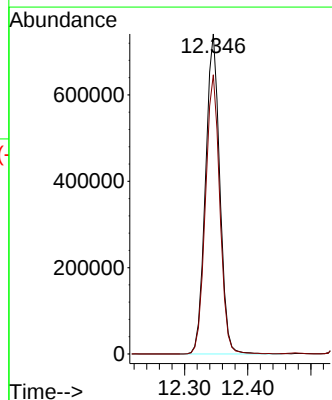
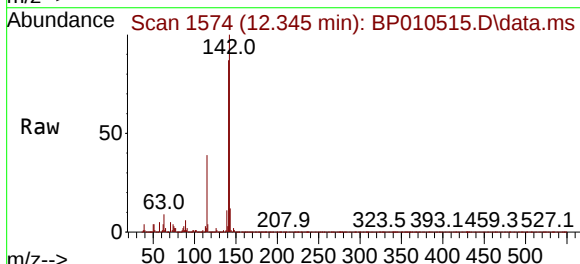
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

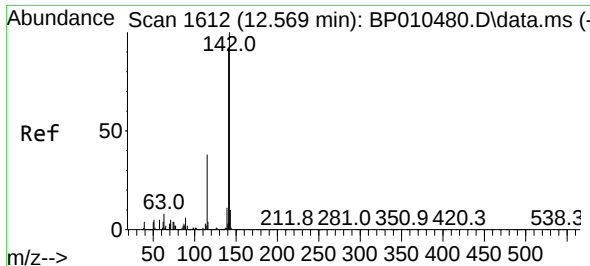
Tgt Ion:107 Resp: 495011
Ion Ratio Lower Upper
107 100
144 24.4 15.8 23.8#
142 75.5 38.9 58.3#



#36
2-Methylnaphthalene
Concen: 41.545 ng/ul
RT: 12.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:142 Resp: 1162886
Ion Ratio Lower Upper
142 100
141 87.3 64.3 96.5

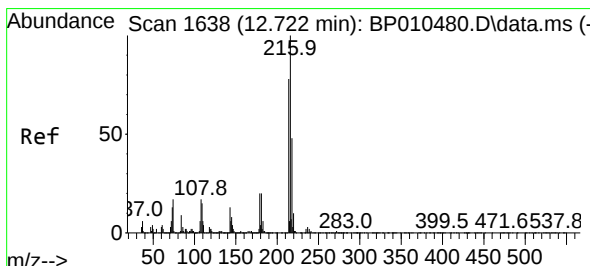
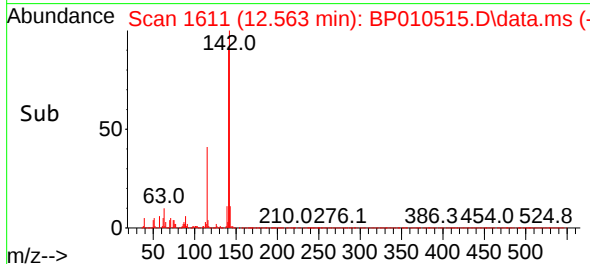
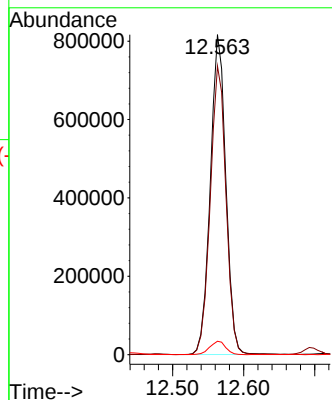
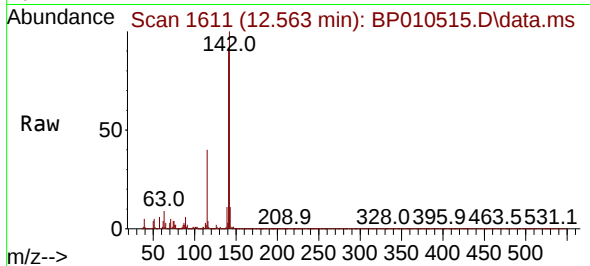




#37
1-Methylnaphthalene
Concen: 43.960 ng/ul
RT: 12.563 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

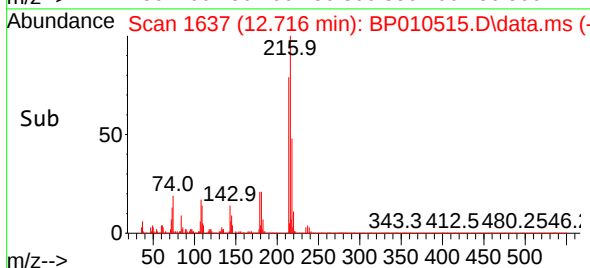
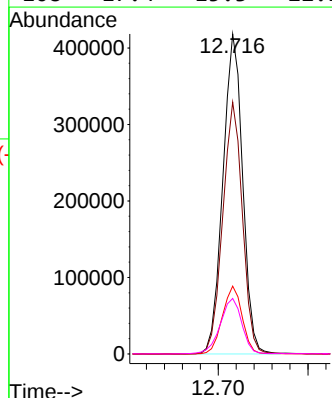
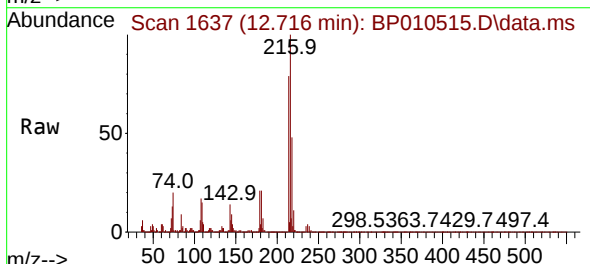
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

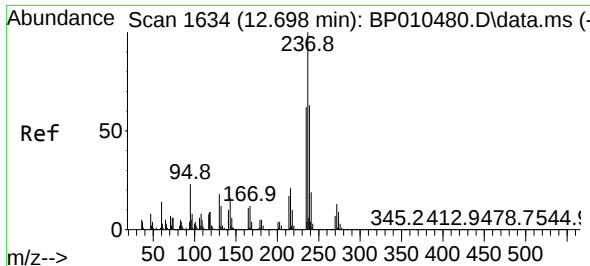
Tgt Ion:142 Resp: 1242389
Ion Ratio Lower Upper
142 100
141 90.2 69.8 104.8
116 4.2 5.6 8.4#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.064 ng/ul
RT: 12.716 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:216 Resp: 638610
Ion Ratio Lower Upper
216 100
214 78.7 58.2 87.2
179 21.2 14.2 21.2
108 17.4 15.3 22.9

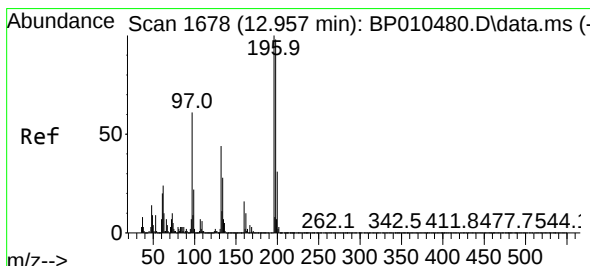
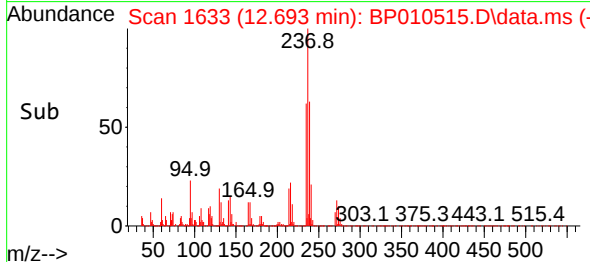
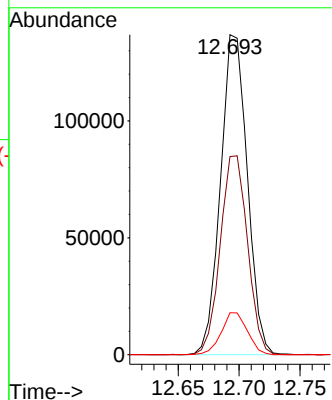
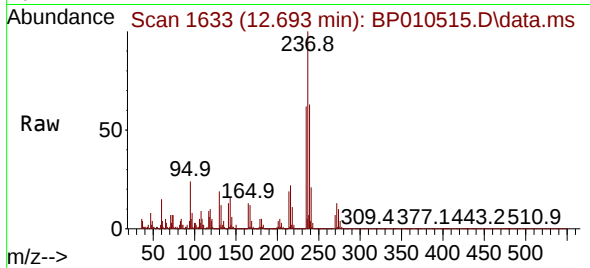




#40
Hexachlorocyclopentadiene
Concen: 24.833 ng/ul
RT: 12.693 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

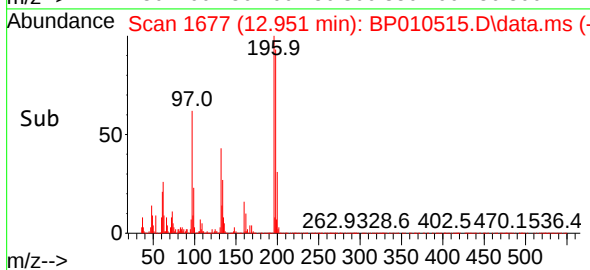
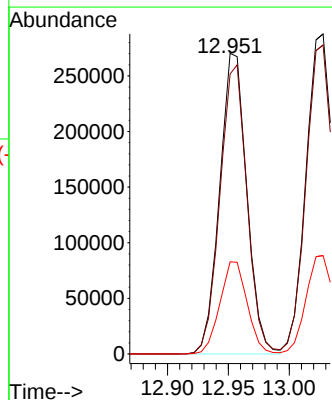
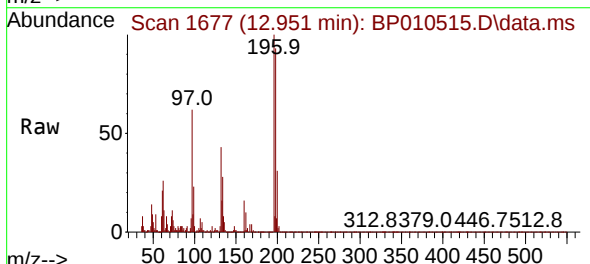
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

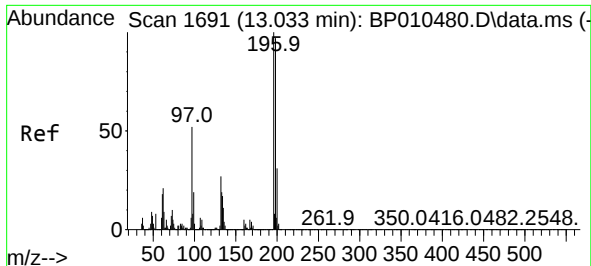
Tgt Ion:237 Resp: 209958
Ion Ratio Lower Upper
237 100
235 61.9 53.2 79.8
272 13.1 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 43.376 ng/ul
RT: 12.951 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:196 Resp: 420488
Ion Ratio Lower Upper
196 100
198 93.2 64.1 96.1
200 30.7 19.9 29.9#

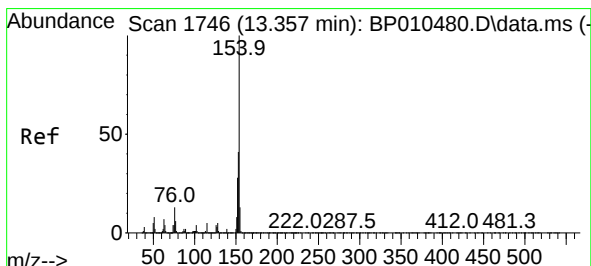
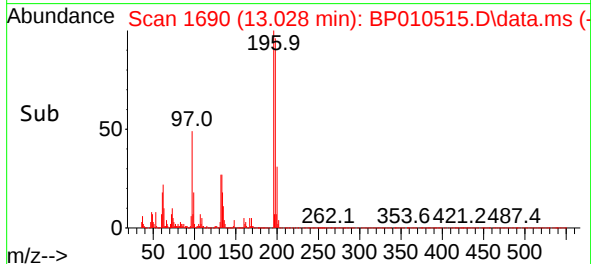
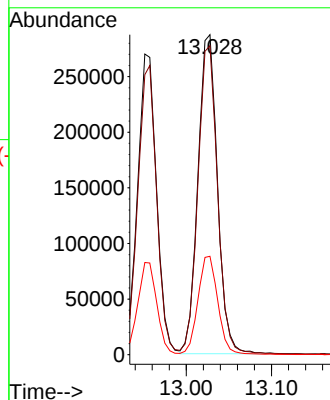
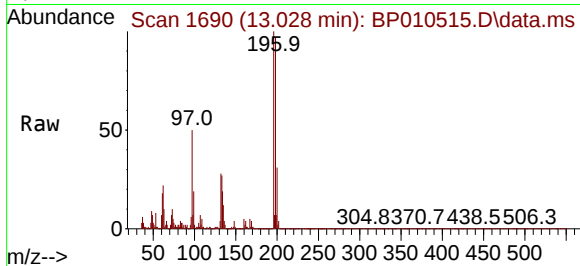




#42
 2,4,5-Trichlorophenol
 Concen: 42.262 ng/ul
 RT: 13.028 min Scan# 1690
 Delta R.T. 0.000 min
 Lab File: BP010515.D
 Acq: 24 May 2022 14:36

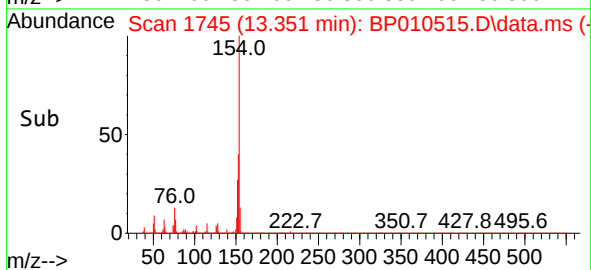
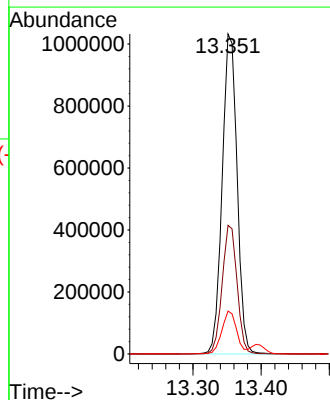
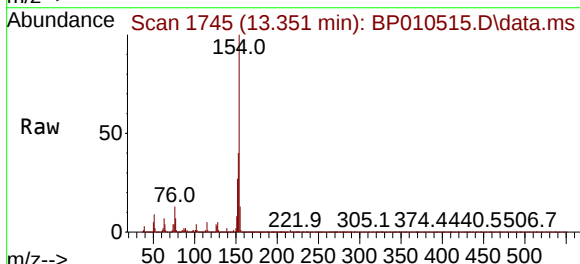
Instrument :
 BNA_P
 ClientSampleId :
 DBTD4MSD

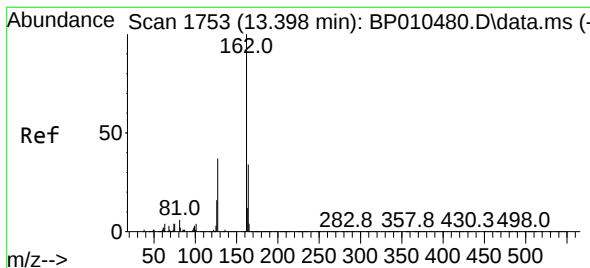
Tgt Ion:196 Resp: 457447
 Ion Ratio Lower Upper
 196 100
 198 96.6 68.6 103.0
 200 30.7 32.8 49.2#



#43
 1,1'-Biphenyl
 Concen: 42.034 ng/ul
 RT: 13.351 min Scan# 1745
 Delta R.T. 0.000 min
 Lab File: BP010515.D
 Acq: 24 May 2022 14:36

Tgt Ion:154 Resp: 1572338
 Ion Ratio Lower Upper
 154 100
 153 40.2 28.6 43.0
 76 13.4 8.5 12.7#

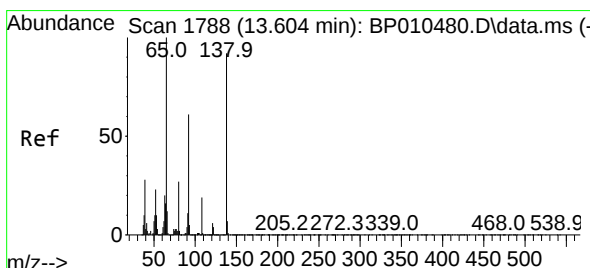
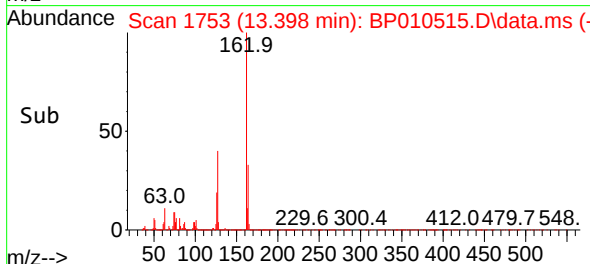
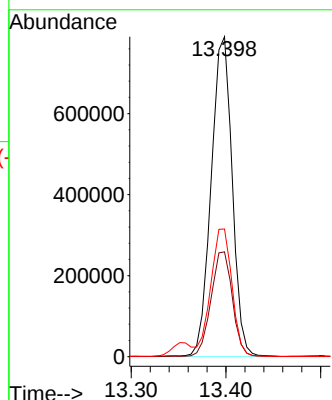
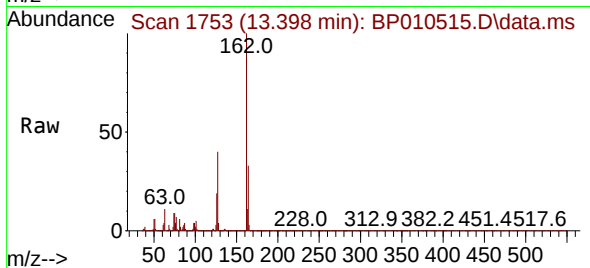




#44
2-Chloronaphthalene
Concen: 42.099 ng/ul
RT: 13.398 min Scan# 1753
Delta R.T. 0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

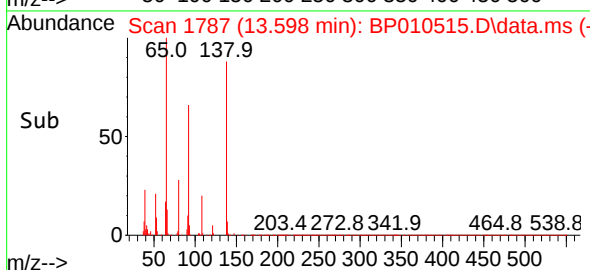
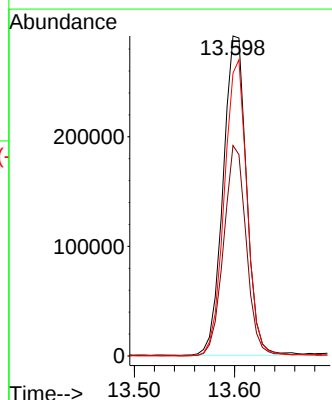
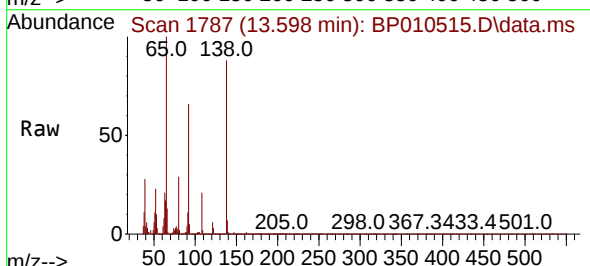
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

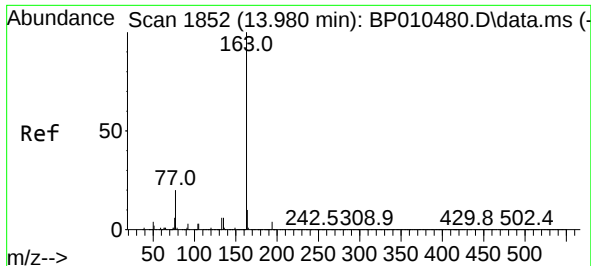
Tgt Ion:162 Resp: 1216273
Ion Ratio Lower Upper
162 100
164 32.8 27.5 41.3
127 39.9 37.1 55.7



#45
2-Nitroaniline
Concen: 49.529 ng/ul
RT: 13.598 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion: 65 Resp: 470940
Ion Ratio Lower Upper
65 100
92 65.8 77.9 116.9#
138 88.4 81.5 122.3

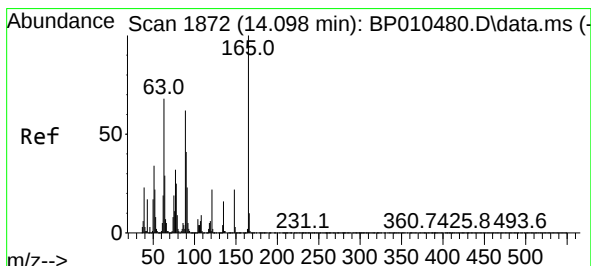
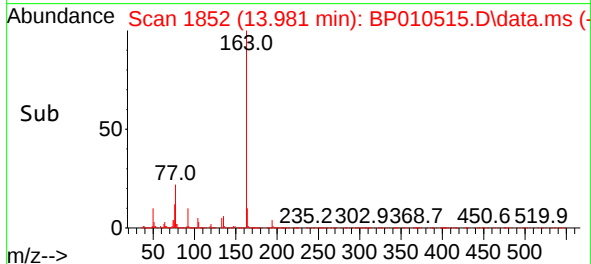
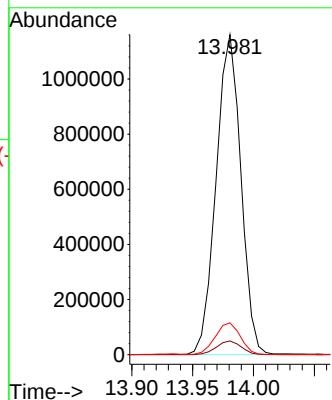
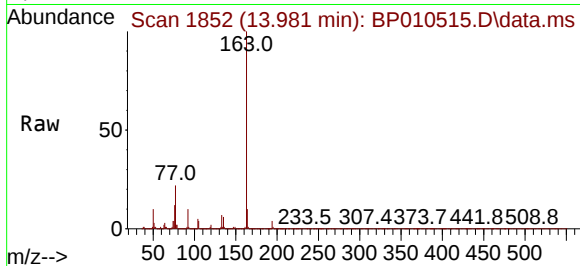




#47
Dimethylphthalate
Concen: 44.074 ng/ul
RT: 13.981 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

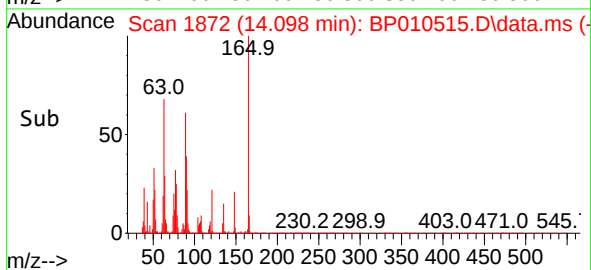
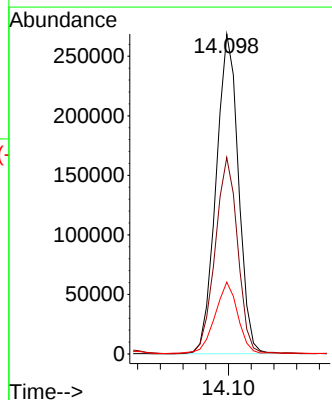
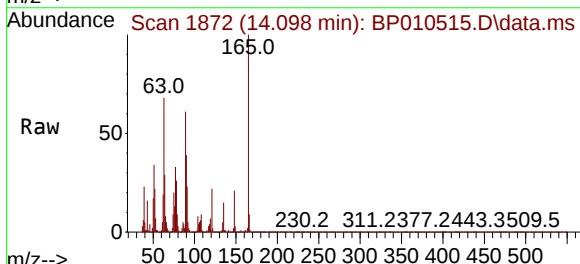
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

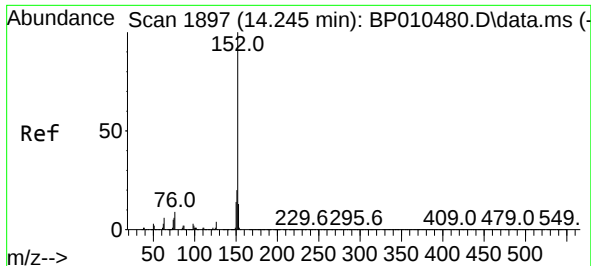
Tgt Ion:163 Resp: 1641525
Ion Ratio Lower Upper
163 100
194 4.3 4.1 6.1
164 9.9 11.3 16.9#



#48
2,6-Dinitrotoluene
Concen: 48.360 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. 0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:165 Resp: 367160
Ion Ratio Lower Upper
165 100
89 61.4 51.7 77.5
121 22.4 18.3 27.5

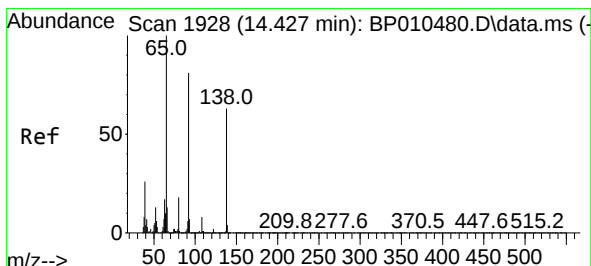
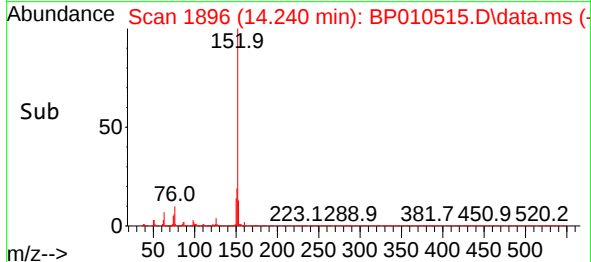
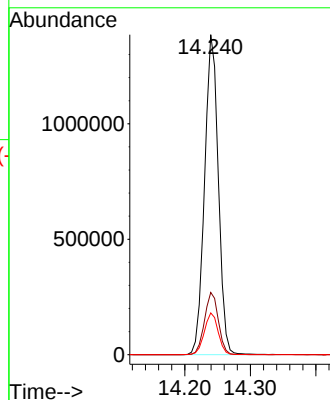
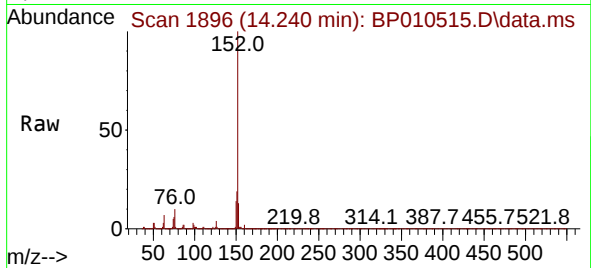




#50
Acenaphthylene
Concen: 43.188 ng/ul
RT: 14.240 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

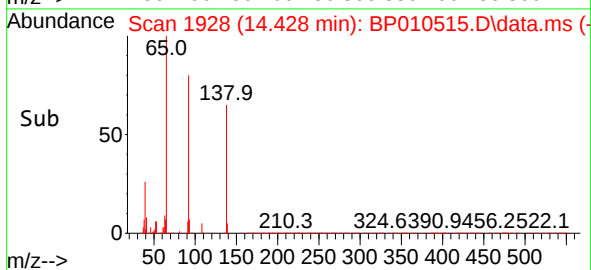
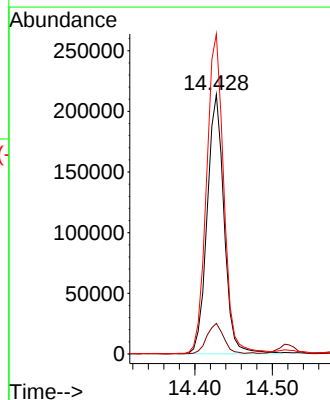
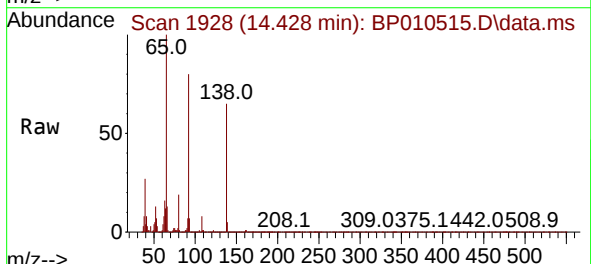
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

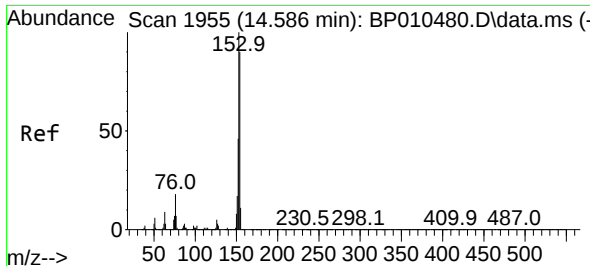
Tgt Ion:152 Resp: 2023453
Ion Ratio Lower Upper
152 100
151 19.5 18.3 27.5
153 13.0 11.0 16.6



#51
3-Nitroaniline
Concen: 45.497 ng/ul
RT: 14.428 min Scan# 1928
Delta R.T. 0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:138 Resp: 324199
Ion Ratio Lower Upper
138 100
108 11.8 15.8 23.8#
92 123.4 117.1 175.7

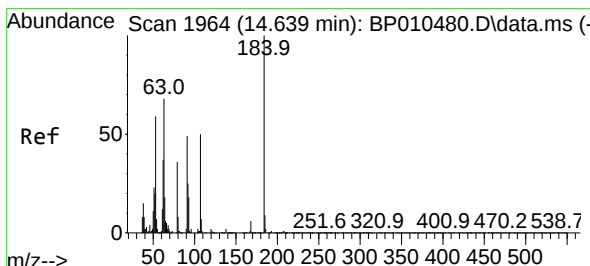
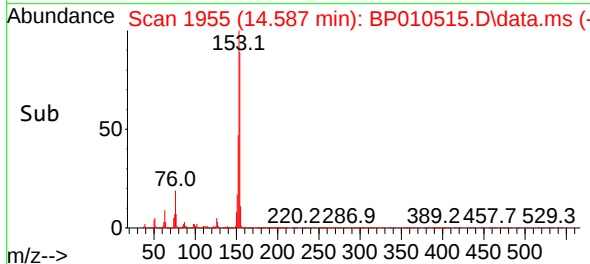
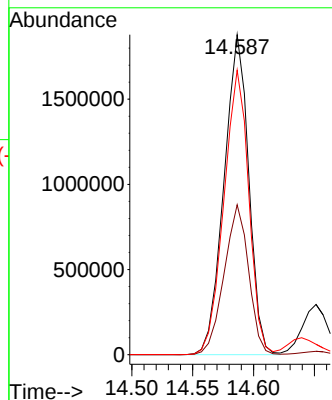
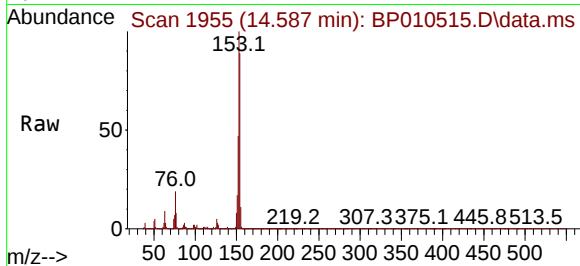




#52
Acenaphthene
Concen: 86.823 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

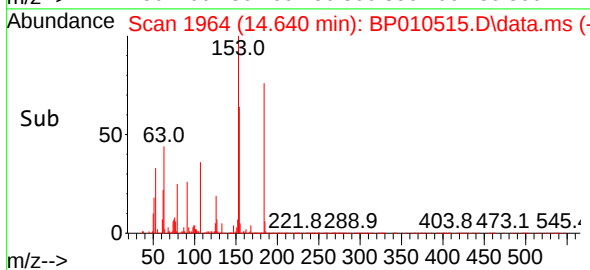
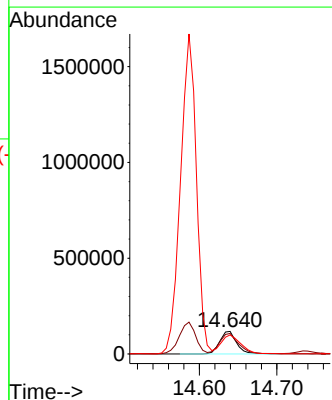
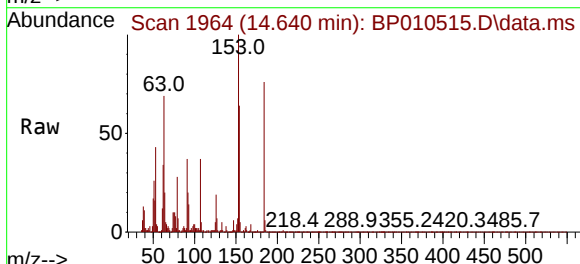
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

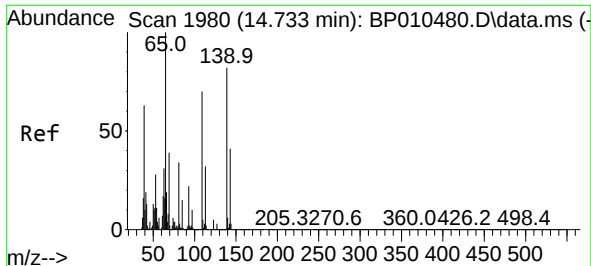
Tgt Ion:153 Resp: 2653636
Ion Ratio Lower Upper
153 100
152 46.8 34.3 51.5
154 88.9 70.0 105.0



#53
2,4-Dinitrophenol
Concen: 42.331 ng/ul
RT: 14.640 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:184 Resp: 179431
Ion Ratio Lower Upper
184 100
63 91.0 34.6 52.0#
154 84.6 57.7 86.5

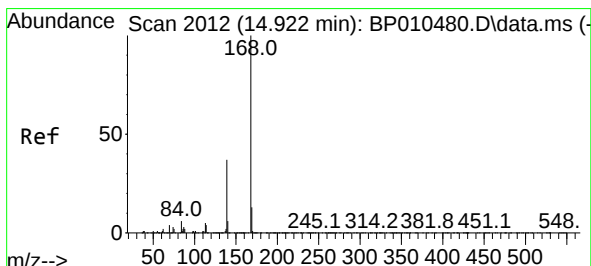
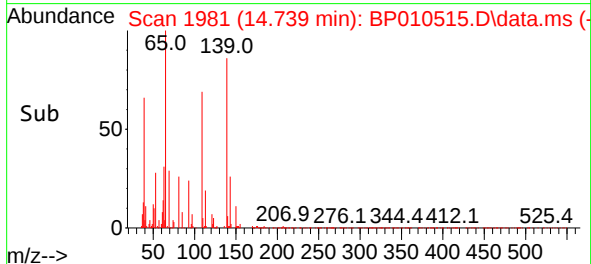
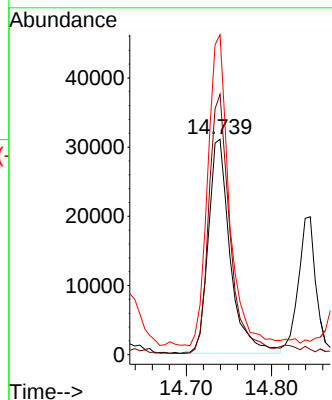
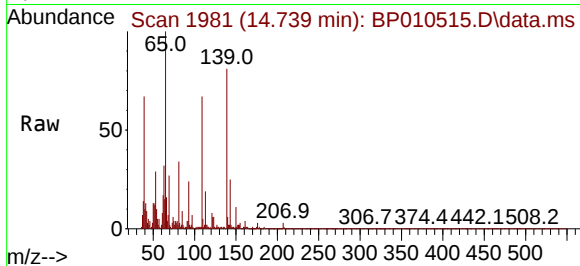




#55
4-Nitrophenol
Concen: 9.307 ng/ul
RT: 14.739 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

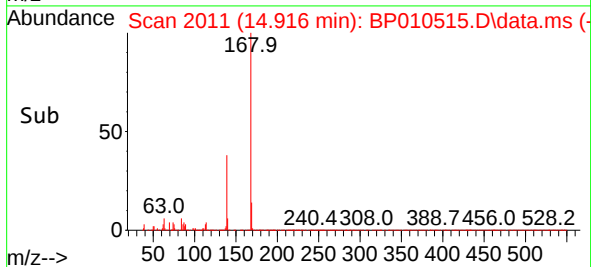
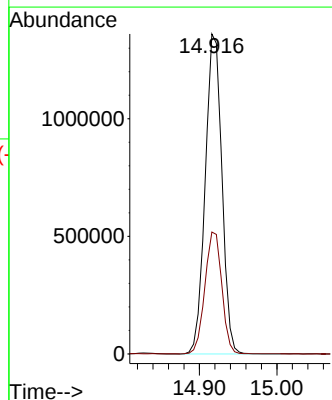
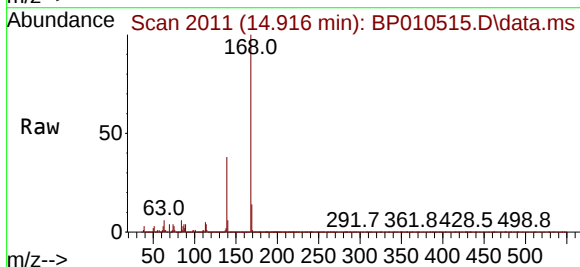
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

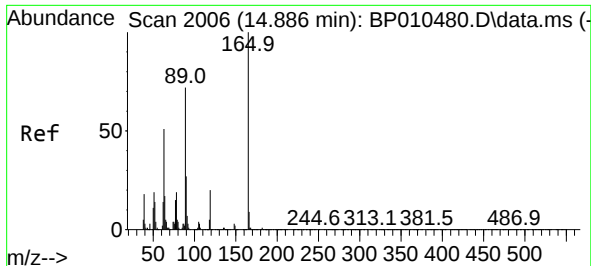
Tgt Ion:109 Resp: 55304
Ion Ratio Lower Upper
109 100
139 120.9 61.4 92.2#
65 148.6 65.3 97.9#



#56
Dibenzofuran
Concen: 45.283 ng/ul
RT: 14.916 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:168 Resp: 2028284
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1

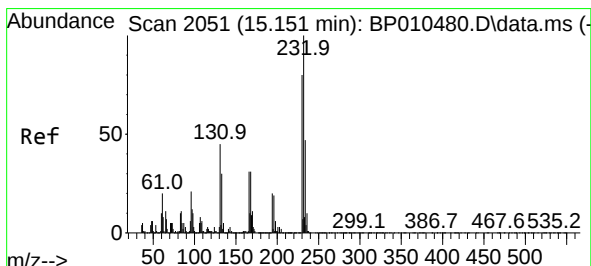
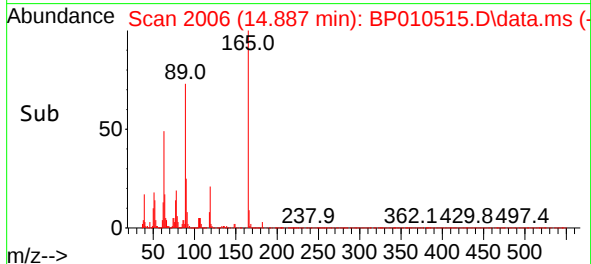
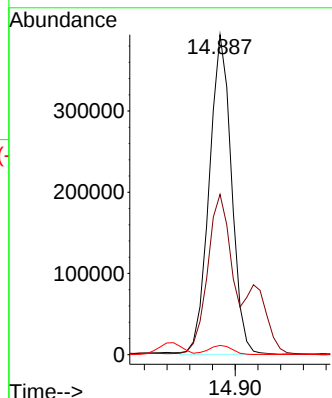
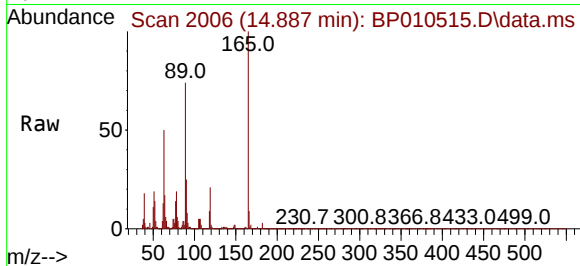




#57
2,4-Dinitrotoluene
Concen: 48.946 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

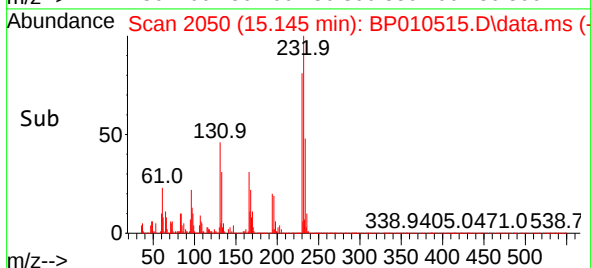
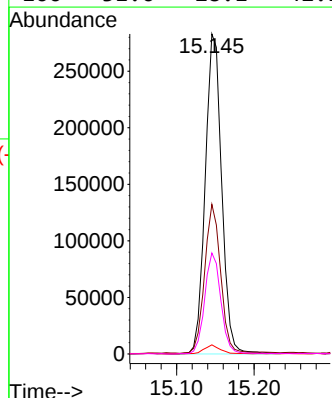
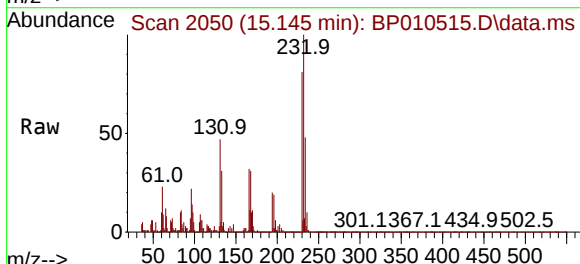
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

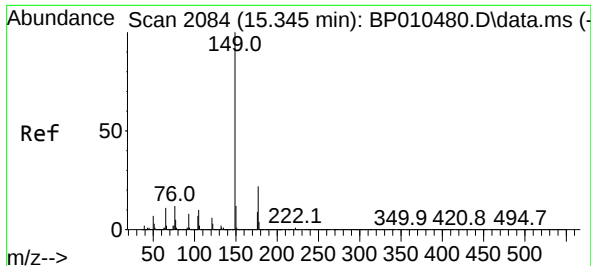
Tgt Ion:165 Resp: 534956
Ion Ratio Lower Upper
165 100
63 50.1 29.5 44.3#
182 2.9 2.8 4.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 44.861 ng/ul
RT: 15.145 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:232 Resp: 417554
Ion Ratio Lower Upper
232 100
131 46.8 25.4 38.2#
130 2.9 4.2 6.2#
166 31.6 28.1 42.1

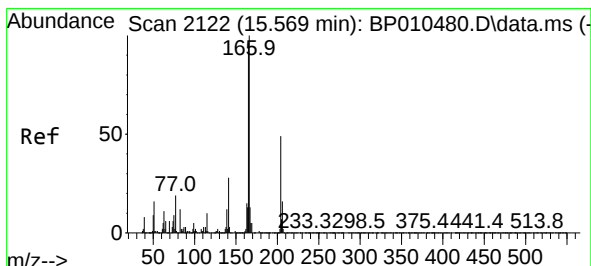
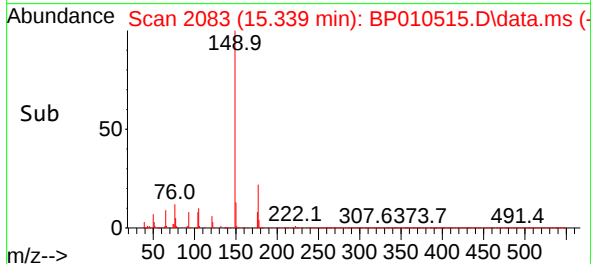
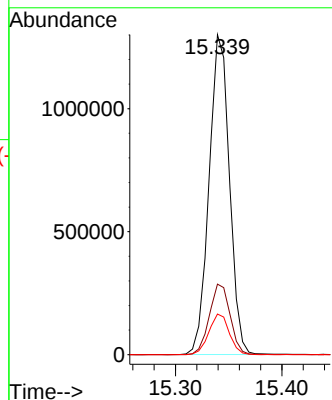
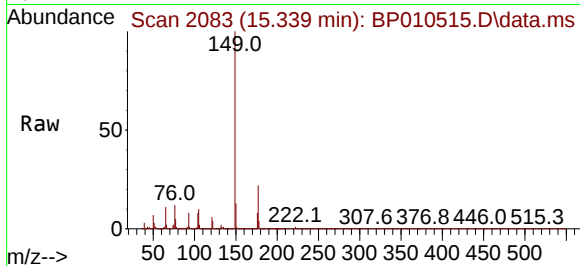




#59
Diethylphthalate
Concen: 45.485 ng/ul
RT: 15.339 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

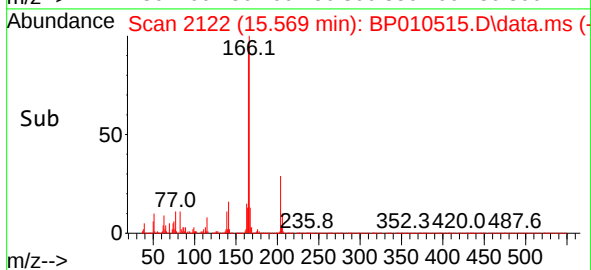
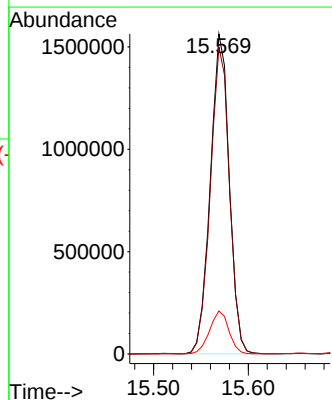
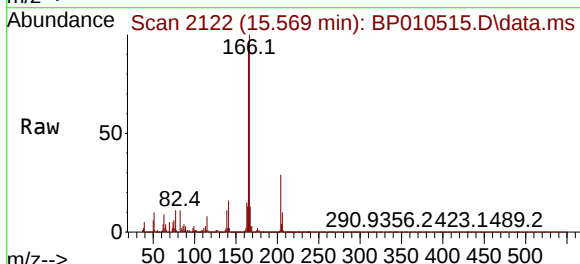
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

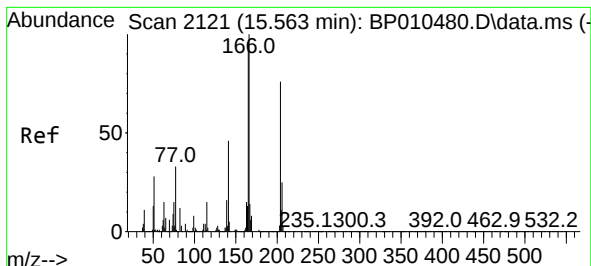
Tgt Ion:149 Resp: 1728587
Ion Ratio Lower Upper
149 100
177 22.1 22.0 33.0
150 12.7 10.2 15.2



#61
Fluorene
Concen: 59.354 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:166 Resp: 2174141
Ion Ratio Lower Upper
166 100
165 95.9 70.3 105.5
167 13.5 9.5 14.3

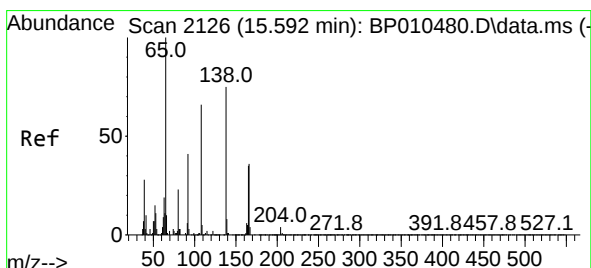
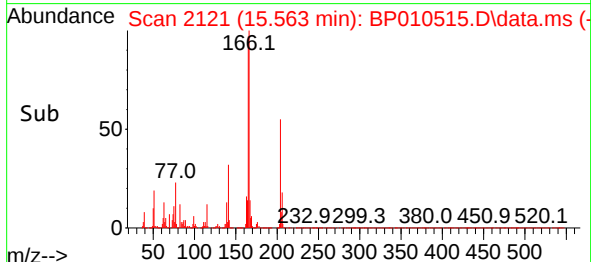
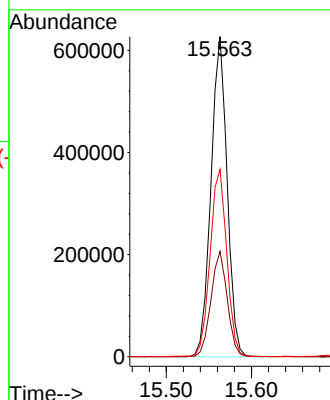
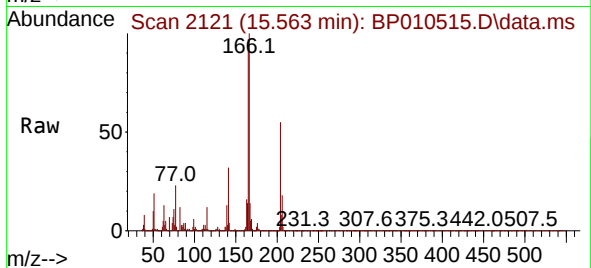




#62
4-Chlorophenyl-phenylether
Concen: 43.456 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

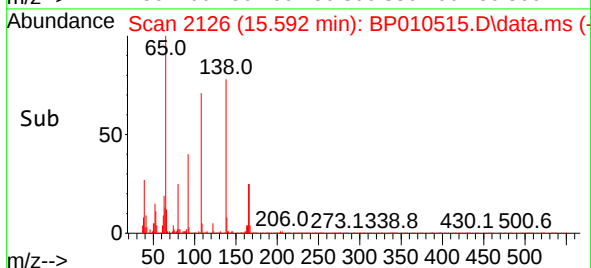
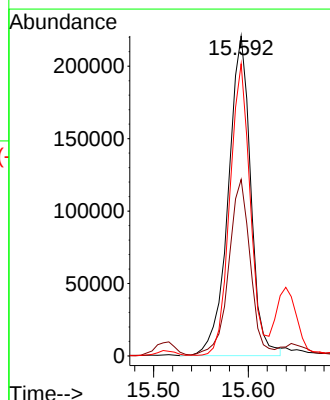
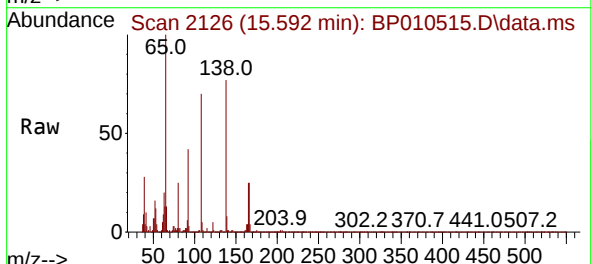
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

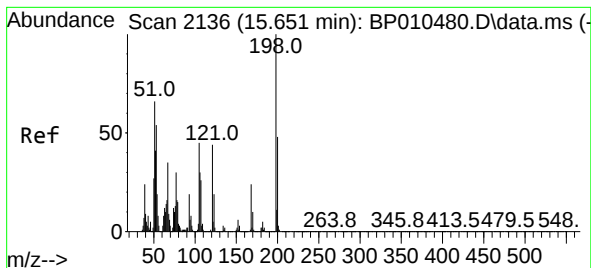
Tgt Ion:204 Resp: 828017
Ion Ratio Lower Upper
204 100
206 32.9 27.6 41.4
141 58.5 46.6 69.8



#63
4-Nitroaniline
Concen: 51.571 ng/ul
RT: 15.592 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:138 Resp: 362848
Ion Ratio Lower Upper
138 100
92 55.2 41.6 62.4
108 91.3 97.6 146.4#

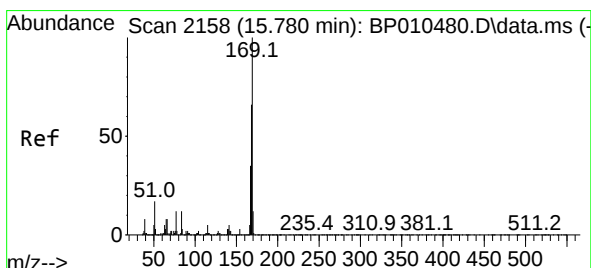
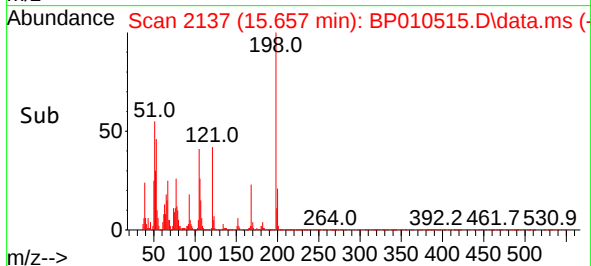
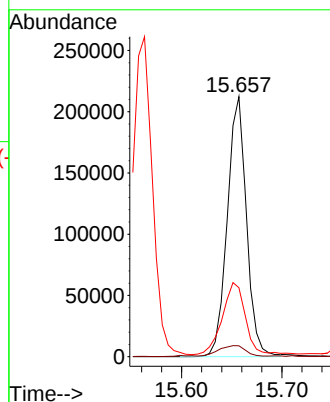
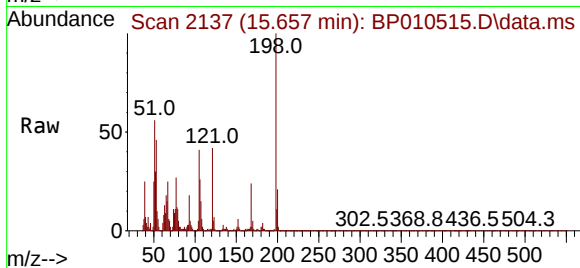




#66
4,6-Dinitro-2-methylphenol
Concen: 43.706 ng/ul
RT: 15.657 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

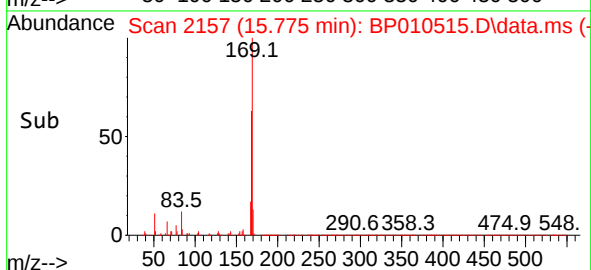
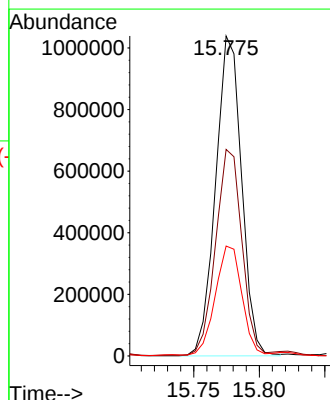
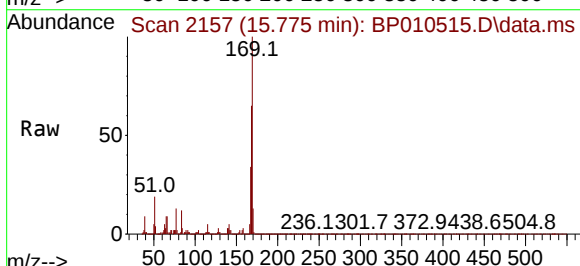
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

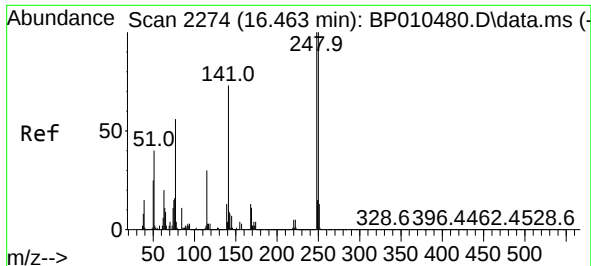
Tgt Ion:198 Resp: 282104
Ion Ratio Lower Upper
198 100
182 4.2 6.0 9.0#
77 26.5 17.7 26.5#



#67
N-Nitrosodiphenylamine
Concen: 46.008 ng/ul
RT: 15.775 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:169 Resp: 1427904
Ion Ratio Lower Upper
169 100
168 64.5 48.3 72.5
167 34.3 29.6 44.4

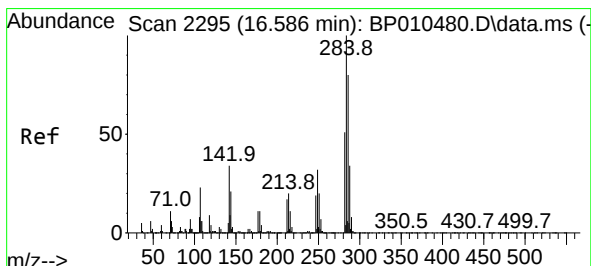
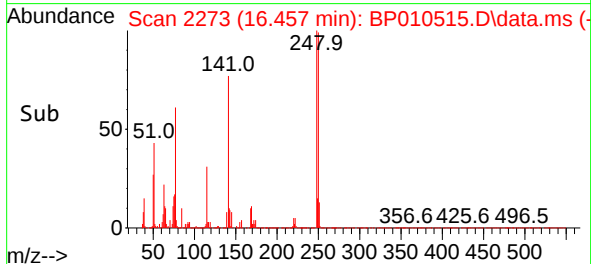
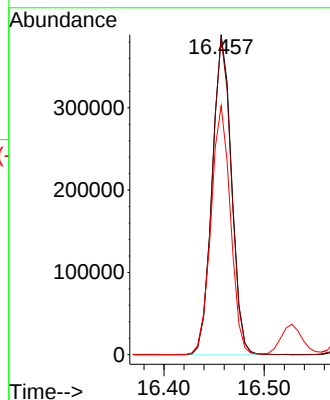
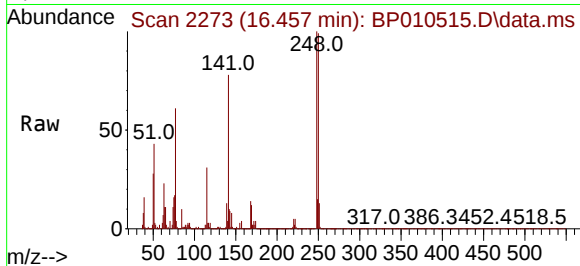




#68
4-Bromophenyl-phenylether
Concen: 45.572 ng/ul
RT: 16.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

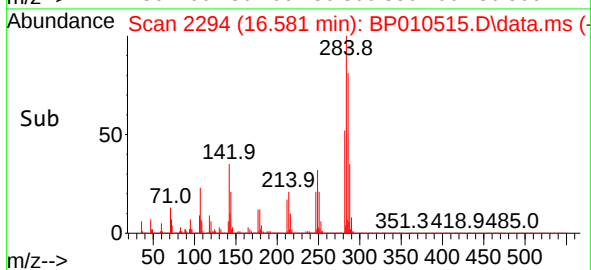
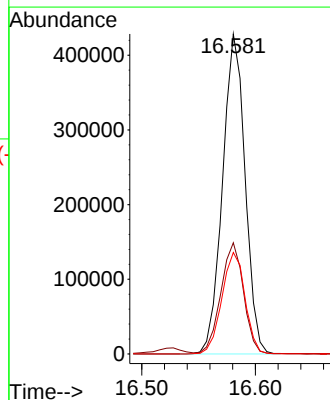
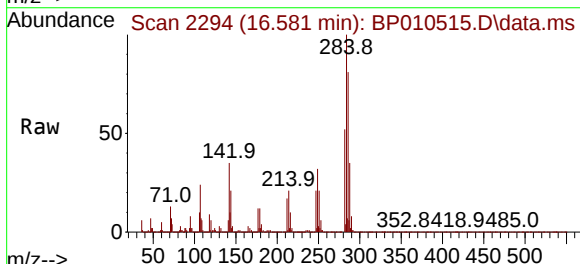
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

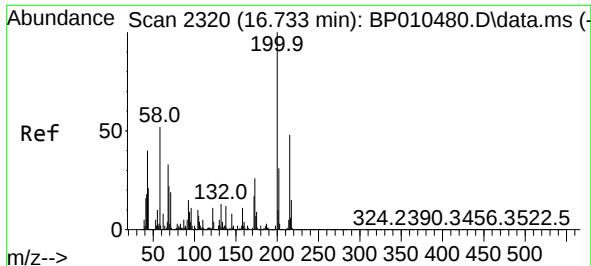
Tgt Ion:248 Resp: 519406
Ion Ratio Lower Upper
248 100
250 99.0 79.4 119.0
141 77.8 67.2 100.8



#69
Hexachlorobenzene
Concen: 45.047 ng/ul
RT: 16.581 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:284 Resp: 590569
Ion Ratio Lower Upper
284 100
142 34.8 19.2 28.8#
249 31.7 27.4 41.2

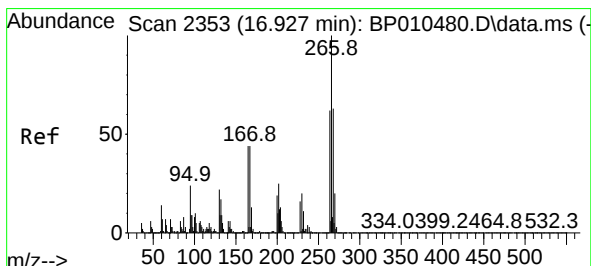
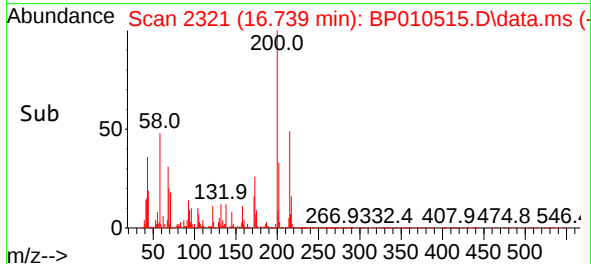
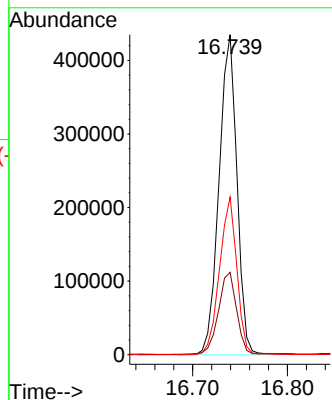
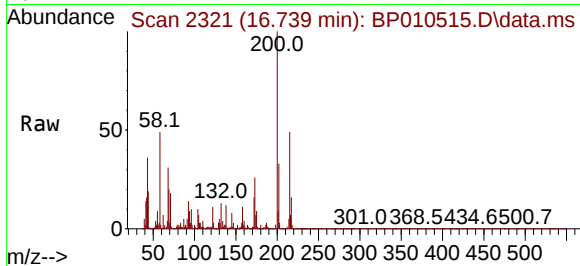




#70
Atrazine
Concen: 45.917 ng/ul
RT: 16.739 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

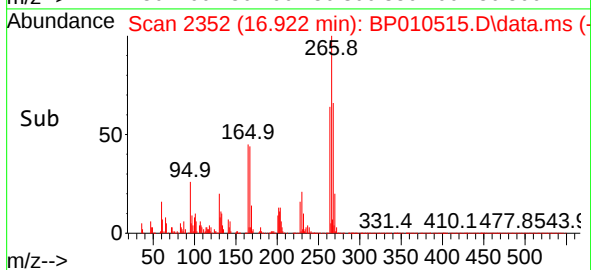
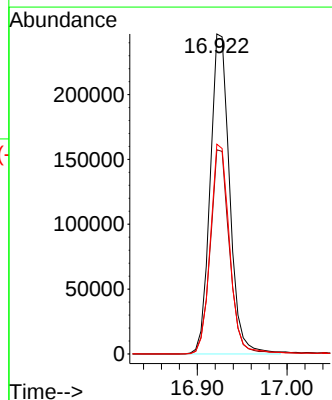
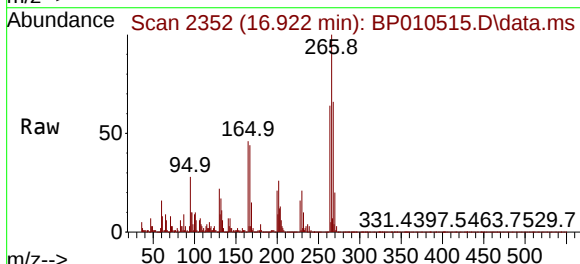
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

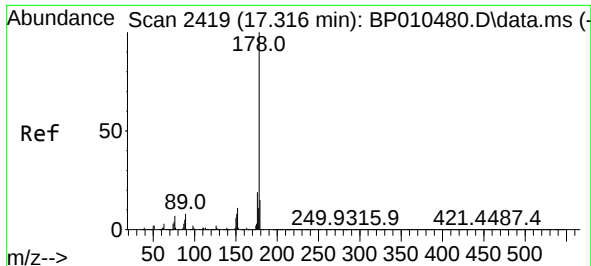
Tgt Ion:200 Resp: 570898
Ion Ratio Lower Upper
200 100
173 25.8 19.2 28.8
215 49.2 32.2 48.4#



#71
Pentachlorophenol
Concen: 45.048 ng/ul
RT: 16.922 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:266 Resp: 370561
Ion Ratio Lower Upper
266 100
264 63.8 57.3 85.9
268 65.6 65.7 98.5#

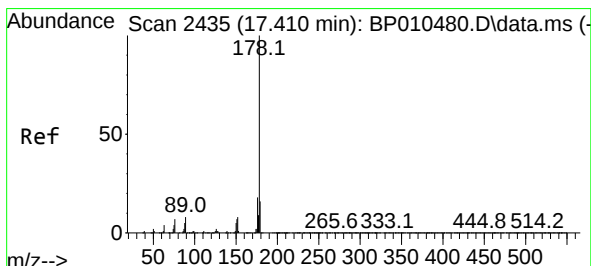
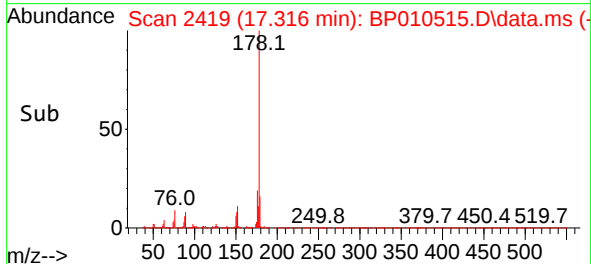
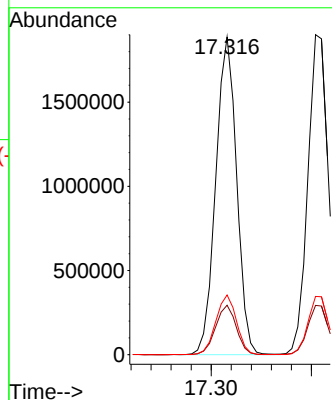
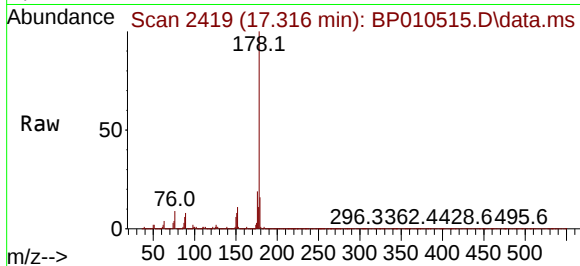




#72
Phenanthrene
Concen: 46.169 ng/ul
RT: 17.316 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

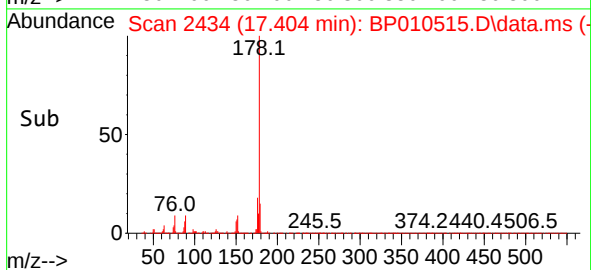
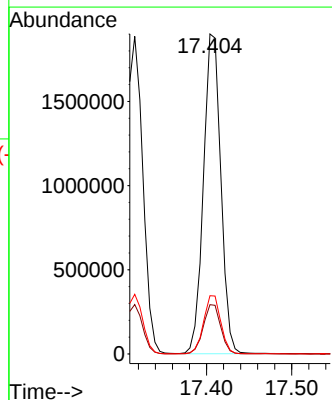
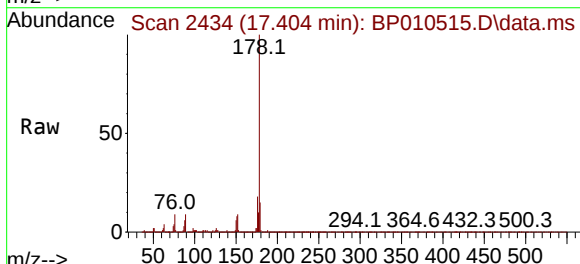
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

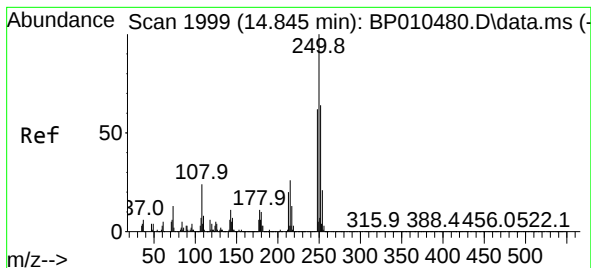
Tgt Ion:178 Resp: 2726833
Ion Ratio Lower Upper
178 100
179 15.6 11.7 17.5
176 18.8 14.5 21.7



#74
Anthracene
Concen: 45.445 ng/ul
RT: 17.404 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:178 Resp: 2692623
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 18.2 13.4 20.2





#76

Pentachlorobenzene

Concen: 43.121 ng/uL

RT: 14.845 min Scan# 1999

Delta R.T. -0.000 min

Lab File: BP010515.D

Acq: 24 May 2022 14:36

Instrument :

BNA_P

ClientSampleId :

DBTD4MSD

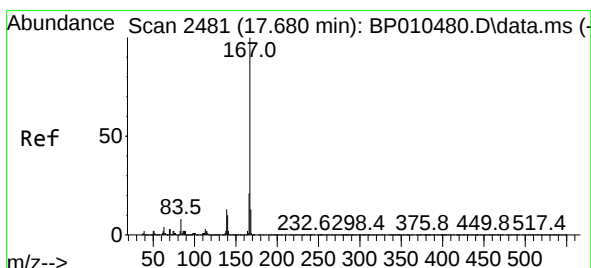
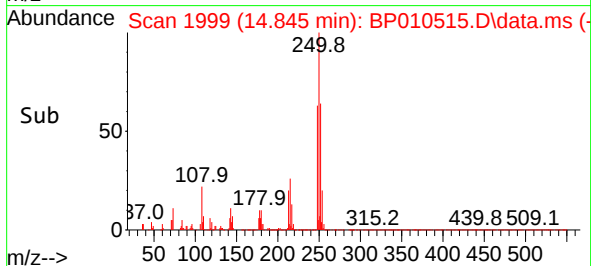
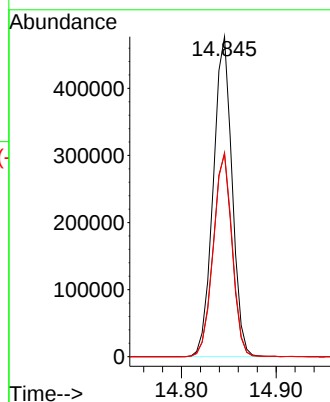
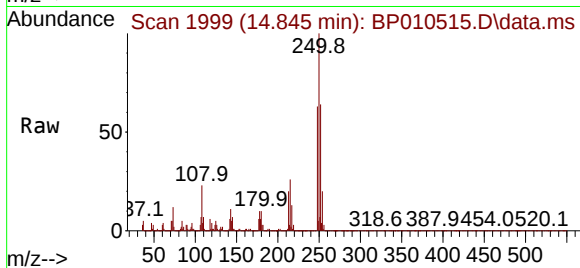
Tgt Ion:250 Resp: 658034

Ion Ratio Lower Upper

250 100

248 63.3 43.5 65.3

252 63.8 46.5 69.7



#77

Carbazole

Concen: 81.827 ng/uL

RT: 17.681 min Scan# 2481

Delta R.T. 0.006 min

Lab File: BP010515.D

Acq: 24 May 2022 14:36

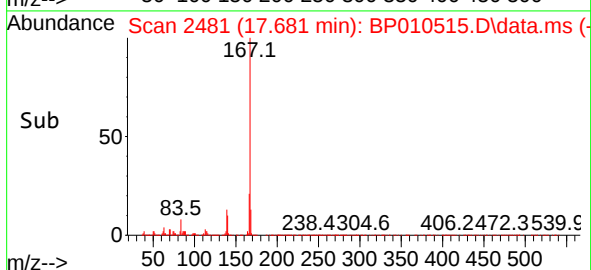
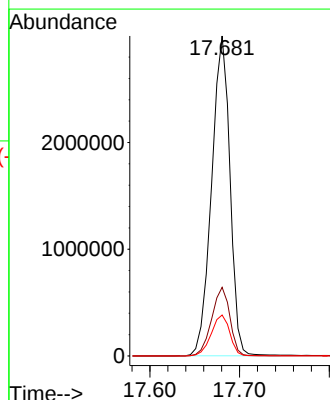
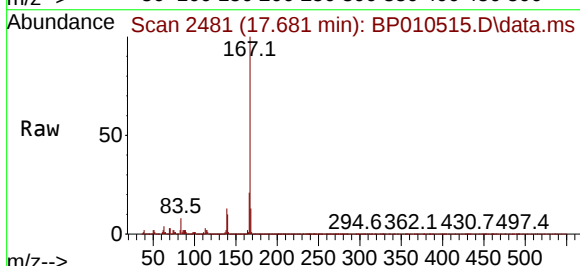
Tgt Ion:167 Resp: 4260834

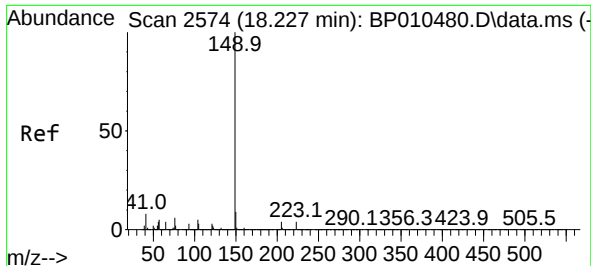
Ion Ratio Lower Upper

167 100

166 21.5 15.8 23.8

139 12.8 8.3 12.5#

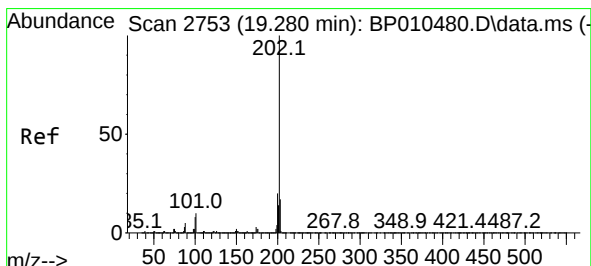
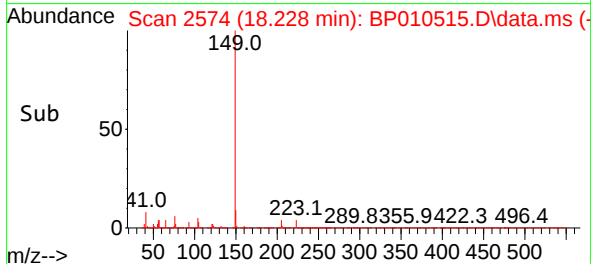
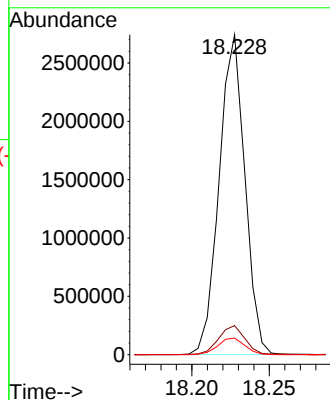
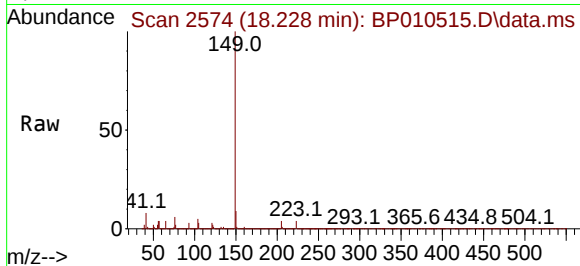




#78
Di-n-butylphthalate
Concen: 49.956 ng/ul
RT: 18.228 min Scan# 2574
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

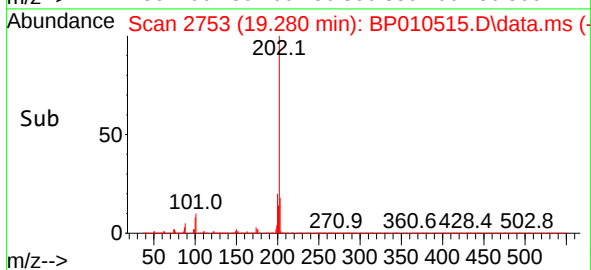
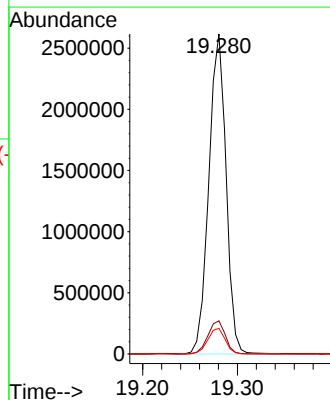
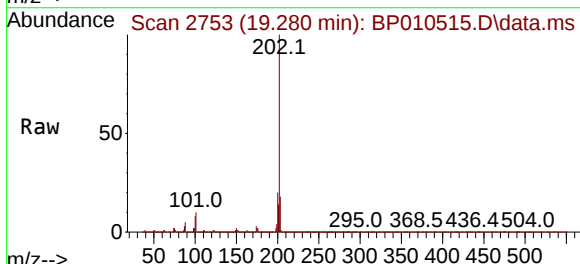
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

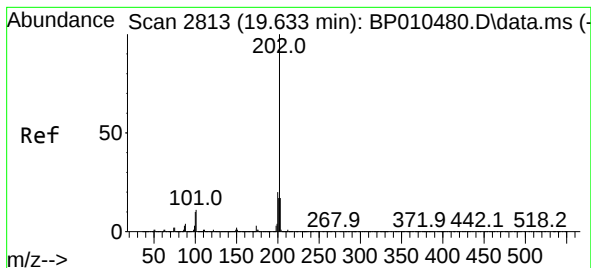
Tgt Ion:149 Resp: 3168213
Ion Ratio Lower Upper
149 100
150 9.1 9.6 14.4#
104 5.2 6.2 9.4#



#80
Fluoranthene
Concen: 54.175 ng/ul
RT: 19.280 min Scan# 2753
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:202 Resp: 3305769
Ion Ratio Lower Upper
202 100
101 10.3 9.6 14.4
100 8.0 6.3 9.5





#82

Pyrene

Concen: 51.468 ng/ul

RT: 19.633 min Scan# 2813

Delta R.T. 0.006 min

Lab File: BP010515.D

Acq: 24 May 2022 14:36

Instrument :

BNA_P

ClientSampleId :

DBTD4MSD

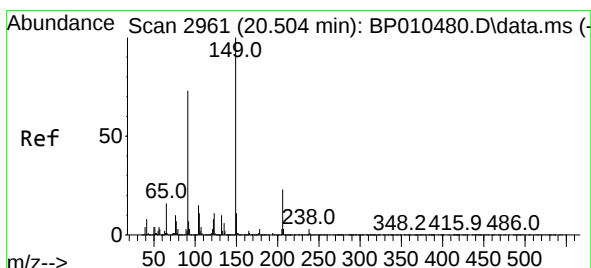
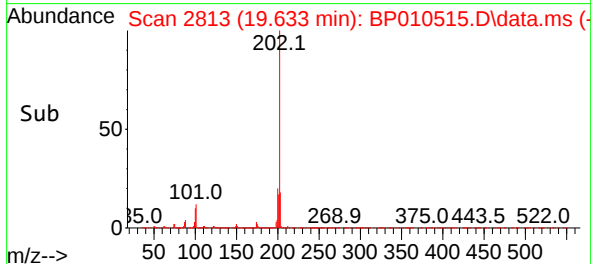
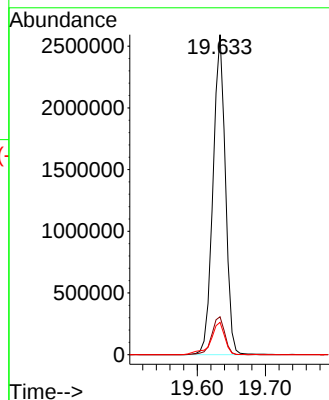
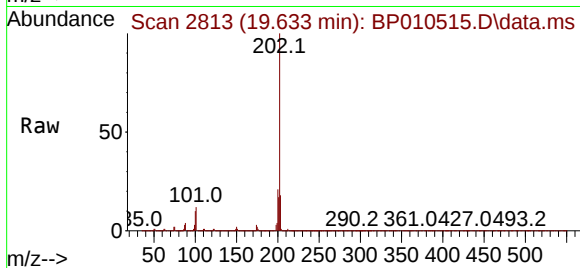
Tgt Ion:202 Resp: 3277397

Ion Ratio Lower Upper

202 100

101 11.9 10.6 15.8

100 10.1 9.8 14.6



#83

Butylbenzylphthalate

Concen: 58.777 ng/ul

RT: 20.504 min Scan# 2961

Delta R.T. 0.006 min

Lab File: BP010515.D

Acq: 24 May 2022 14:36

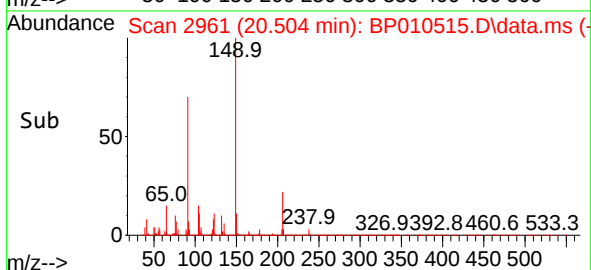
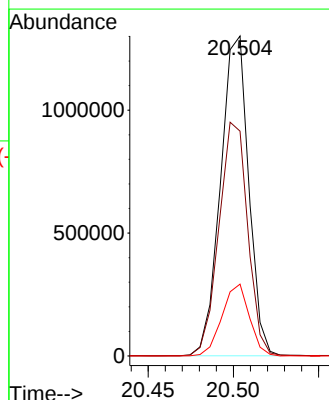
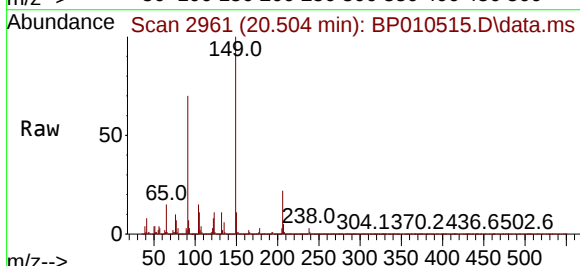
Tgt Ion:149 Resp: 1496652

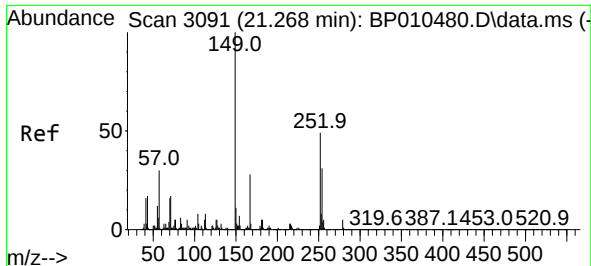
Ion Ratio Lower Upper

149 100

91 70.3 71.1 106.7#

206 22.4 28.8 43.2#

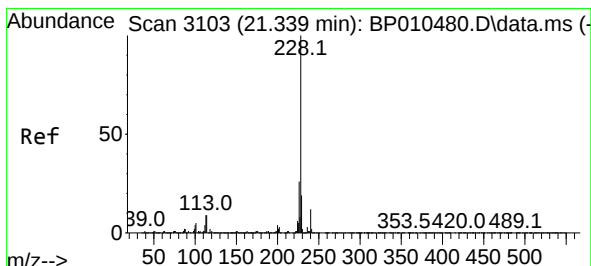
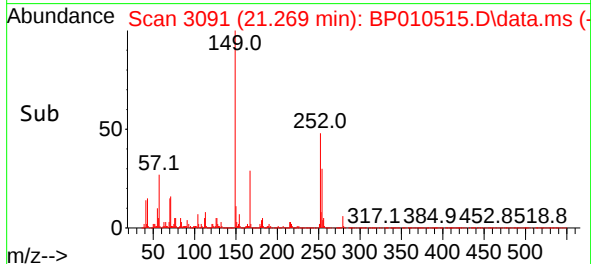
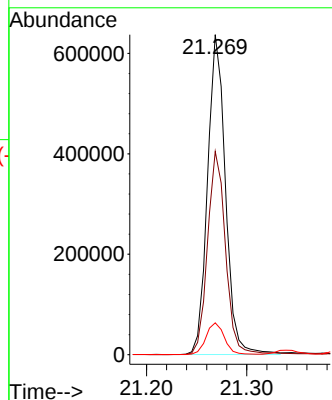
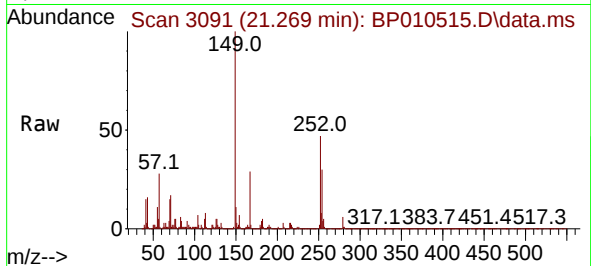




#84
3,3'-Dichlorobenzidine
Concen: 39.928 ng/ul
RT: 21.269 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

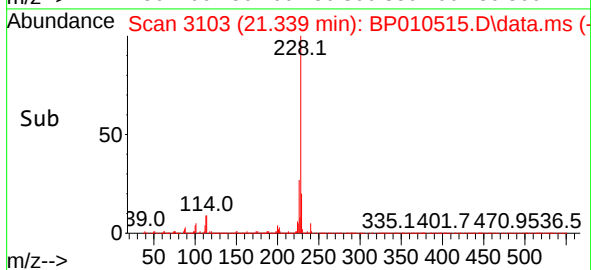
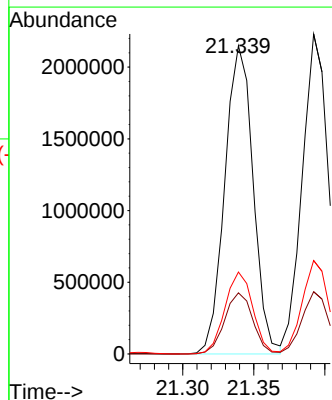
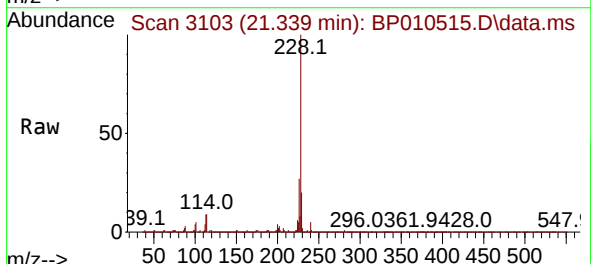
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

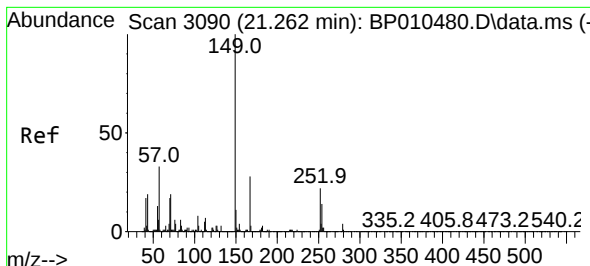
Tgt Ion:252 Resp: 793457
Ion Ratio Lower Upper
252 100
254 63.5 49.8 74.6
126 10.0 4.3 6.5#



#85
Benzo(a)anthracene
Concen: 48.389 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:228 Resp: 2991862
Ion Ratio Lower Upper
228 100
229 19.8 18.2 27.2
226 26.6 22.8 34.2

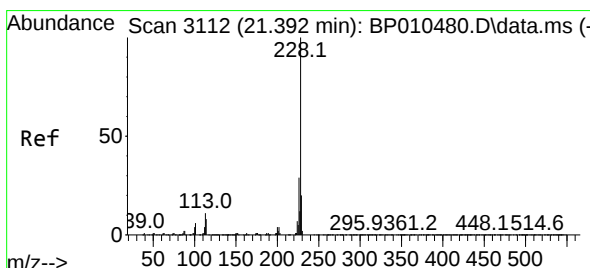
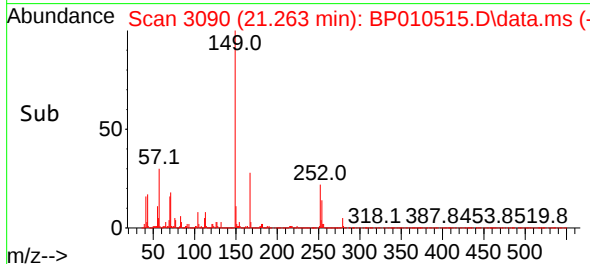
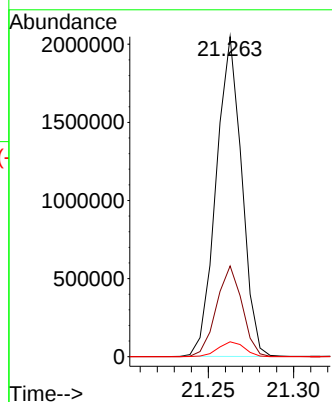
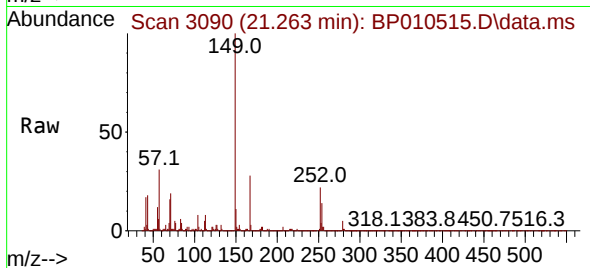




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 57.254 ng/ul
 RT: 21.263 min Scan# 3090
 Delta R.T. 0.000 min
 Lab File: BP010515.D
 Acq: 24 May 2022 14:36

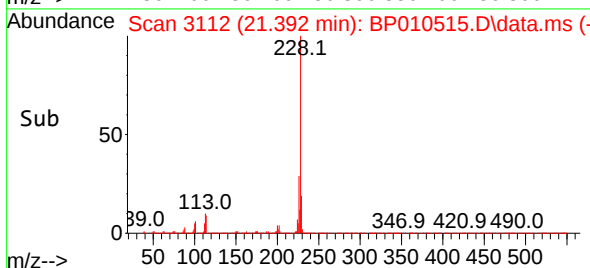
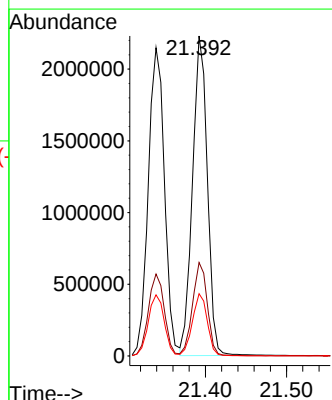
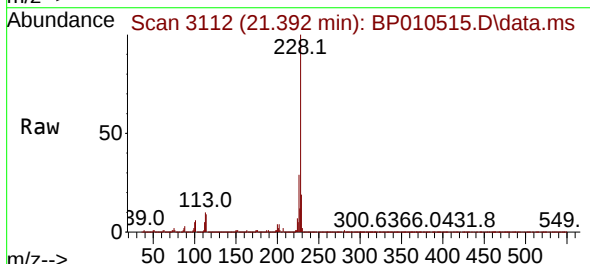
Instrument :
 BNA_P
 ClientSampleId :
 DBTD4MSD

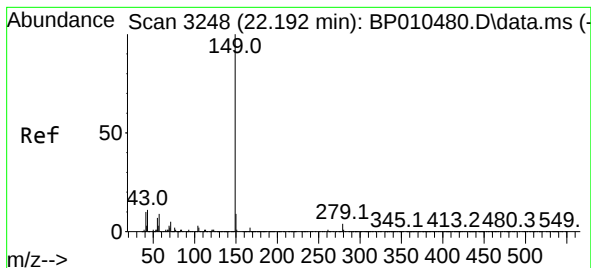
Tgt Ion:149 Resp: 2139347
 Ion Ratio Lower Upper
 149 100
 167 28.3 32.8 49.2#
 279 4.7 5.6 8.4#



#87
 Chrysene
 Concen: 46.699 ng/ul
 RT: 21.392 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: BP010515.D
 Acq: 24 May 2022 14:36

Tgt Ion:228 Resp: 2840119
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.7 34.1
 229 19.5 15.2 22.8





#89

Di-n-octyl phthalate

Concen: 62.758 ng/ul

RT: 22.192 min Scan# 3248

Delta R.T. -0.000 min

Lab File: BP010515.D

Acq: 24 May 2022 14:36

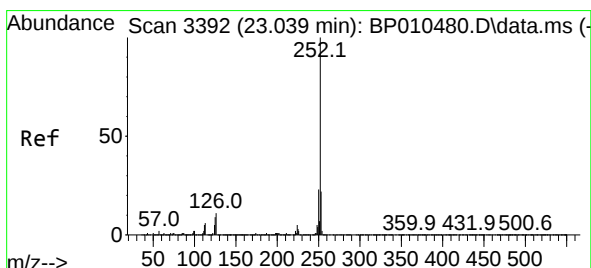
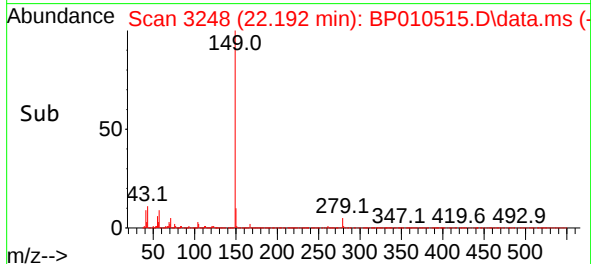
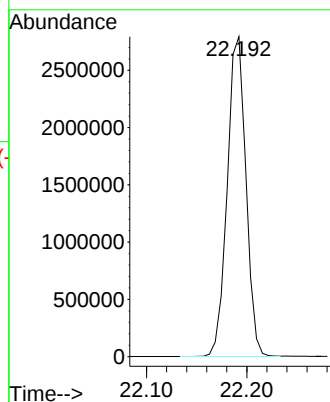
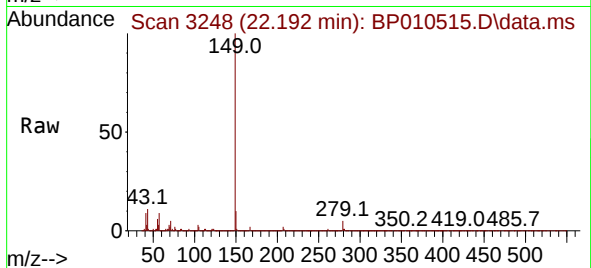
Instrument :

BNA_P

ClientSampleId :

DBTD4MSD

Tgt Ion:149 Resp: 3613132



#90

Benzo(b)fluoranthene

Concen: 50.173 ng/ul

RT: 23.039 min Scan# 3392

Delta R.T. 0.006 min

Lab File: BP010515.D

Acq: 24 May 2022 14:36

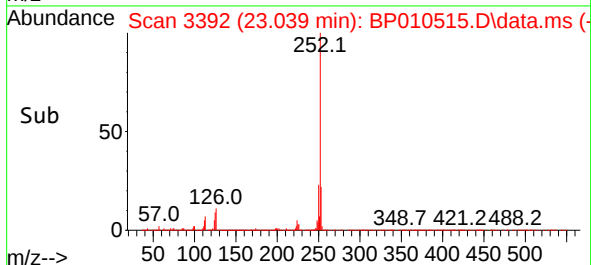
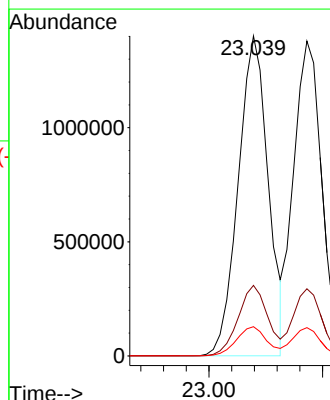
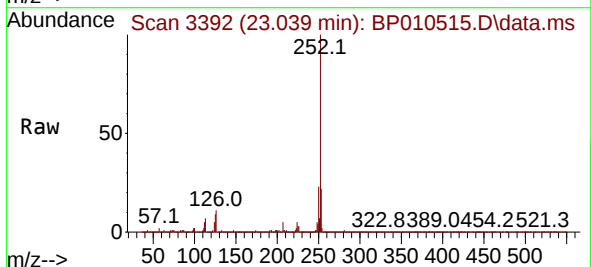
Tgt Ion:252 Resp: 2566499

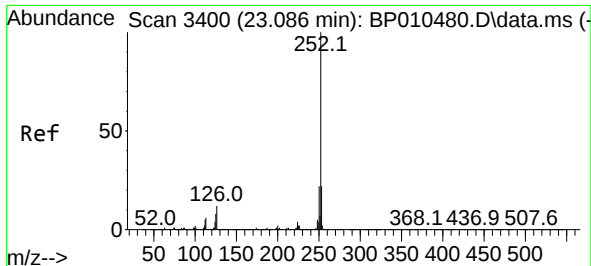
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.2 7.3 10.9

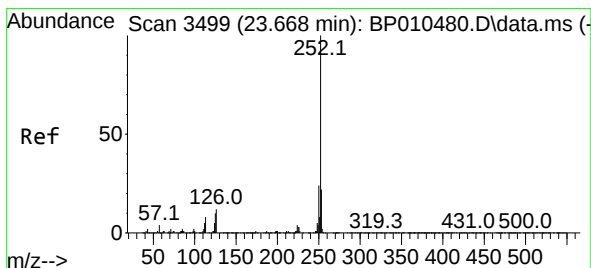
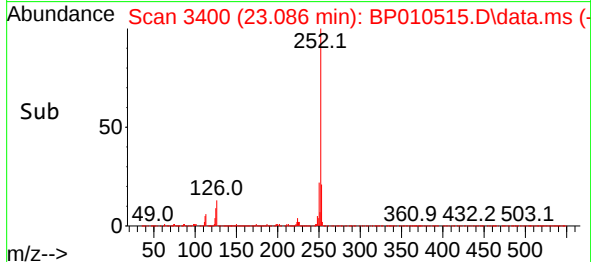
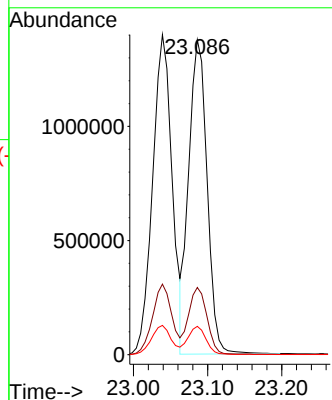
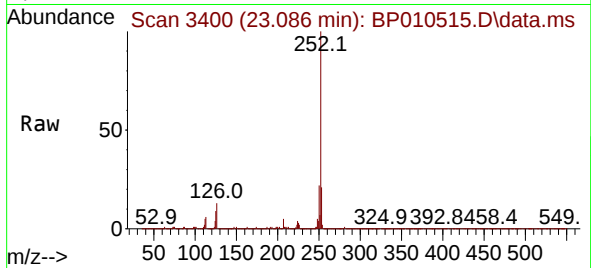




#91
Benzo(k)fluoranthene
Concen: 48.950 ng/ul
RT: 23.086 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

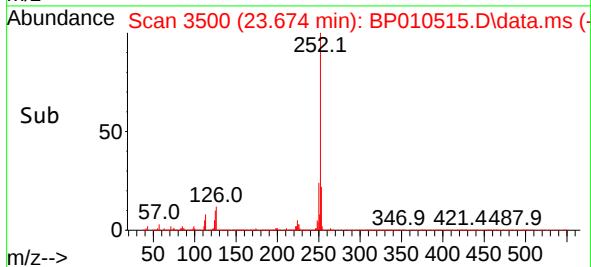
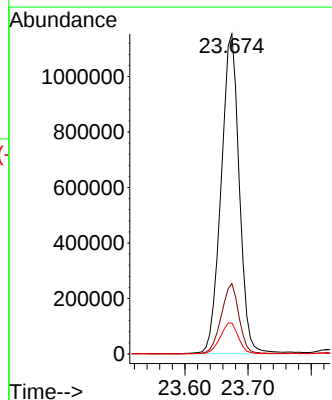
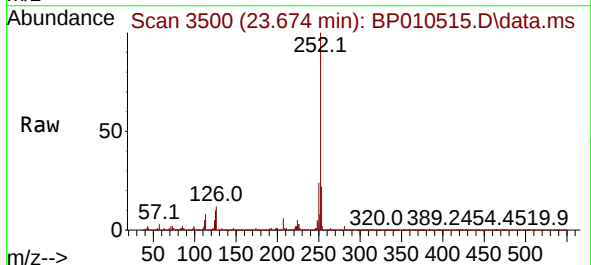
Instrument :
BNA_P
ClientSampleId :
DBTD4MSD

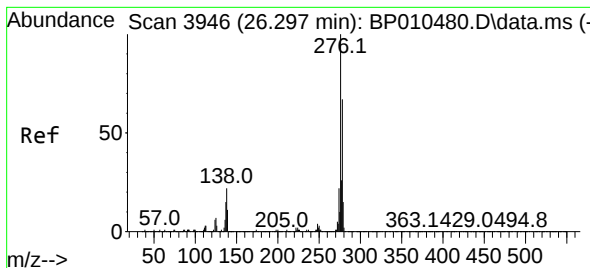
Tgt Ion:252 Resp: 2379786
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 9.0 5.1 7.7#



#93
Benzo(a)pyrene
Concen: 48.344 ng/ul
RT: 23.674 min Scan# 3500
Delta R.T. 0.006 min
Lab File: BP010515.D
Acq: 24 May 2022 14:36

Tgt Ion:252 Resp: 2297545
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.7 6.4 9.6#





#94

Indeno(1,2,3-cd)pyrene

Concen: 51.139 ng/ul

RT: 26.304 min Scan# 3946

Delta R.T. 0.012 min

Lab File: BP010515.D

Acq: 24 May 2022 14:36

Instrument :

BNA_P

ClientSampleId :

DBTD4MSD

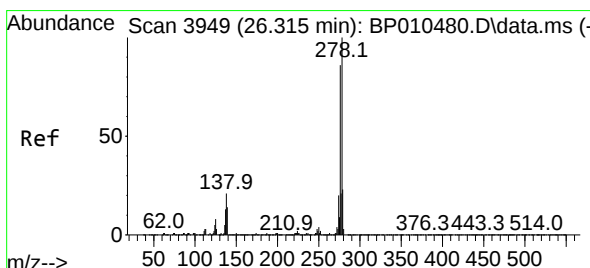
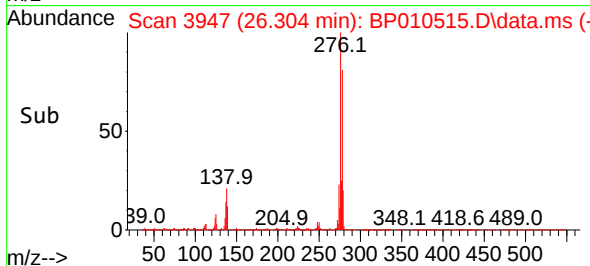
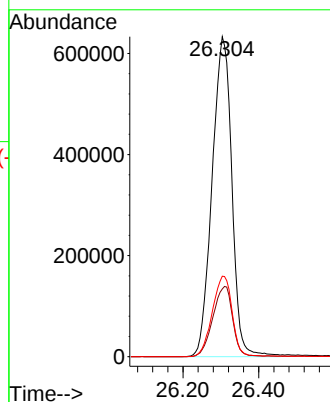
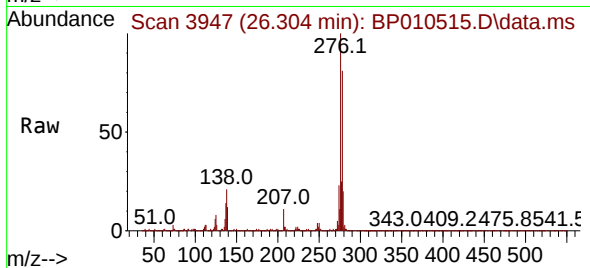
Tgt Ion:276 Resp: 2286414

Ion Ratio Lower Upper

276 100

138 21.2 12.3 18.5#

277 25.2 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 50.978 ng/ul

RT: 26.321 min Scan# 3950

Delta R.T. 0.012 min

Lab File: BP010515.D

Acq: 24 May 2022 14:36

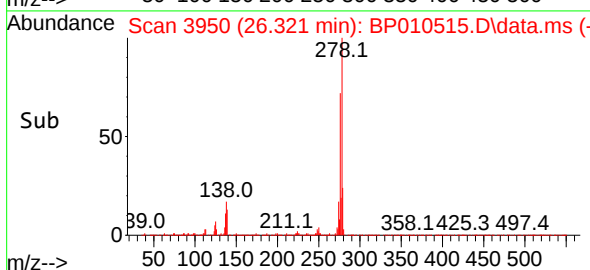
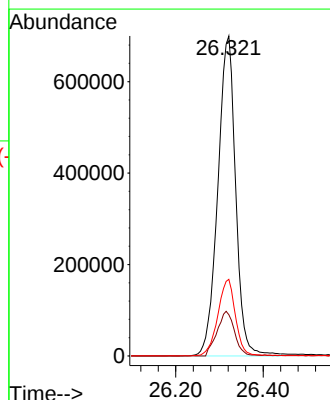
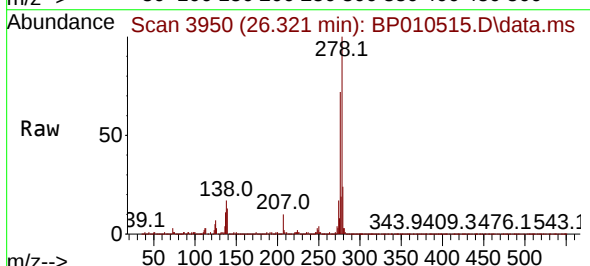
Tgt Ion:278 Resp: 1977707

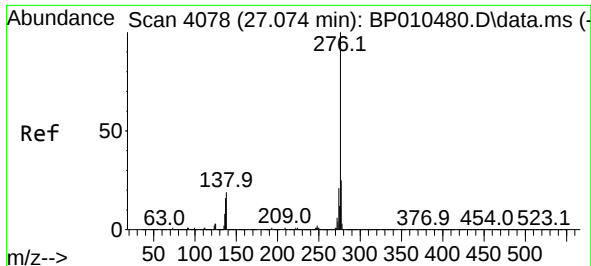
Ion Ratio Lower Upper

278 100

139 12.9 6.6 10.0#

279 23.9 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 51.494 ng/ul
 RT: 27.074 min Scan# 4078
 Delta R.T. 0.006 min
 Lab File: BP010515.D
 Acq: 24 May 2022 14:36

Instrument :
 BNA_P
 ClientSampleId :
 DBTD4MSD

Tgt Ion:276 Resp: 1922440
 Ion Ratio Lower Upper
 276 100
 138 18.0 11.6 17.4#
 277 23.2 15.9 23.9

