

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010514.D
 Acq On : 24 May 2022 14:02
 Operator : CG/JU
 Sample : N2918-19MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTD4MS

Quant Time: May 24 23:16:31 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	145866	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	671239	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	457881	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	1026406	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.357	240	956756	20.000	ng/ul	# 0.00
88) Perylene-d12	23.774	264	756998	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.446	96	66	0.019	ng/uL	0.11
4) Pyridine-d5	3.758	84	120077	12.358	ng/ul	0.00
7) Phenol-d5	7.052	99	94231	7.697	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	332823	40.462	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	284845	30.406	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	198670	19.095	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	212119	40.832	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	217230	39.458	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	372154	35.750	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	513478	33.174	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	1449796	42.976	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	1612641	41.443	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	50117	8.346	ng/ul	0.00
60) Fluorene-d10	15.510	176	1258442	42.878	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	251126	41.835	ng/ul	0.00
73) Anthracene-d10	17.375	188	2060616	44.336	ng/ul	0.00
81) Pyrene-d10	19.604	212	2499341	49.190	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	1799488	47.340	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	19643	5.541	ng/uL#	12
5) Pyridine	3.775	79	135229	13.391	ng/ul#	22
6) Benzaldehyde	7.022	77	374031	57.792	ng/ul	91
8) Phenol	7.081	94	112748	8.536	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.310	93	424088	40.838	ng/ul#	72
12) 2-Chlorophenol	7.452	128	307759	31.469	ng/ul	97
13) 2-Methylphenol	8.328	108	235918	23.927	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	726049	42.899	ng/ul#	82
16) Acetophenone	8.710	105	699094	42.765	ng/ul#	74
17) N-Nitroso-di-n-propyla...	8.699	70	376101	42.989	ng/ul#	67
18) 4-Methylphenol	8.657	108	221779	20.352	ng/ul	90
19) Hexachloroethane	8.963	117	169726	39.903	ng/ul#	79
22) Nitrobenzene	9.087	77	565516	41.424	ng/ul#	82
23) Isophorone	9.622	82	1064256	42.177	ng/ul	98
25) 2-Nitrophenol	9.799	139	239225	39.574	ng/ul#	86
26) 2,4-Dimethylphenol	9.863	107	433124	33.021	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.099	93	605777	40.319	ng/ul#	97
29) 2,4-Dichlorophenol	10.340	162	389018	36.551	ng/ul#	84
30) Naphthalene	10.740	128	4095644	116.819	ng/ul	97
32) 4-Chloroaniline	10.846	127	508477	33.102	ng/ul	99
33) Hexachlorobutadiene	11.028	225	291923	38.707	ng/ul	94
35) 4-Chloro-3-methylphenol	11.969	107	436086	35.025	ng/ul#	70
36) 2-Methylnaphthalene	12.345	142	1028847	41.452	ng/ul	90
37) 1-Methylnaphthalene	12.563	142	1098533	43.835	ng/ul#	95

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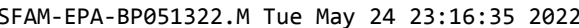
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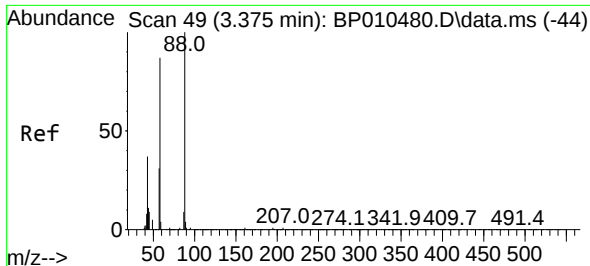
Quant Time: May 24 23:16:31 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.716	216	572452	40.969	ng/ul	95
40) Hexachlorocyclopentadiene	12.698	237	184658	24.308	ng/ul	97
41) 2,4,6-Trichlorophenol	12.951	196	372975	42.822	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.028	196	407332	41.884	ng/ul#	87
43) 1,1'-Biphenyl	13.351	154	1414643	42.092	ng/ul#	94
44) 2-Chloronaphthalene	13.398	162	1089158	41.958	ng/ul	94
45) 2-Nitroaniline	13.598	65	422830	49.493	ng/ul#	74
47) Dimethylphthalate	13.981	163	1478433	44.181	ng/ul#	92
48) 2,6-Dinitrotoluene	14.098	165	328597	48.171	ng/ul	98
50) Acenaphthylene	14.240	152	1811447	43.032	ng/ul	96
51) 3-Nitroaniline	14.428	138	289284	45.184	ng/ul#	86
52) Acenaphthene	14.587	153	2415214	87.950	ng/ul	98
53) 2,4-Dinitrophenol	14.634	184	160221	42.070	ng/ul#	72
55) 4-Nitrophenol	14.734	109	51456	9.637	ng/ul#	52
56) Dibenzofuran	14.916	168	1848477	45.931	ng/ul	97
57) 2,4-Dinitrotoluene	14.887	165	475397	48.411	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.145	232	373828	44.702	ng/ul#	85
59) Diethylphthalate	15.339	149	1578113	46.217	ng/ul	93
61) Fluorene	15.569	166	1979828	60.157	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.563	204	755894	44.153	ng/ul	97
63) 4-Nitroaniline	15.592	138	337253	53.350	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.657	198	257209	42.966	ng/ul#	89
67) N-Nitrosodiphenylamine	15.775	169	1298947	45.126	ng/ul	94
68) 4-Bromophenyl-phenylether	16.457	248	479640	45.375	ng/ul	98
69) Hexachlorobenzene	16.581	284	542964	44.656	ng/ul#	89
70) Atrazine	16.739	200	520976	45.179	ng/ul#	89
71) Pentachlorophenol	16.928	266	339314	44.476	ng/ul#	85
72) Phenanthrene	17.316	178	2544571	46.453	ng/ul	99
74) Anthracene	17.410	178	2497544	45.450	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	596517	38.241	ng/uL#	87
76) Pentachlorobenzene	14.845	250	595197	42.055	ng/uL	92
77) Carbazole	17.681	167	3996251	82.748	ng/ul#	95
78) Di-n-butylphthalate	18.228	149	2941382	50.007	ng/ul#	93
80) Fluoranthene	19.280	202	3093837	52.397	ng/ul	97
82) Pyrene	19.633	202	3120299	50.639	ng/ul	95
83) Butylbenzylphthalate	20.498	149	1393342	56.549	ng/ul#	84
84) 3,3'-Dichlorobenzidine	21.269	252	782014	40.667	ng/ul#	96
85) Benzo(a)anthracene	21.339	228	2881716	48.166	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.263	149	2027117	56.064	ng/ul#	82
87) Chrysene	21.392	228	2791121	47.428	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	3457304	60.880	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	2554295	50.624	ng/ul	99
91) Benzo(k)fluoranthene	23.086	252	2327726	48.540	ng/ul#	97
93) Benzo(a)pyrene	23.668	252	2269098	48.404	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.304	276	2232589	50.624	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.315	278	1939132	50.673	ng/ul#	94
96) Benzo(g,h,i)perylene	27.074	276	1895157	51.464	ng/ul#	91

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

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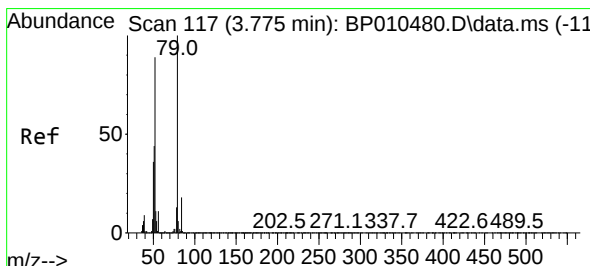
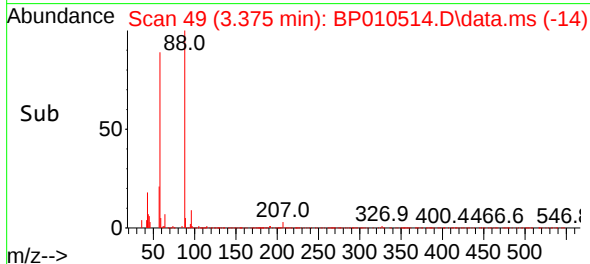
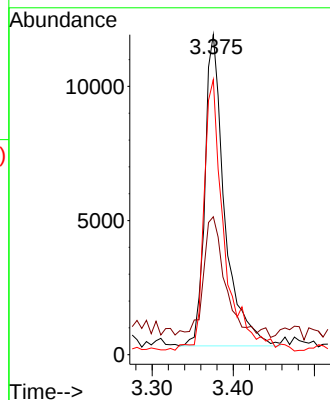
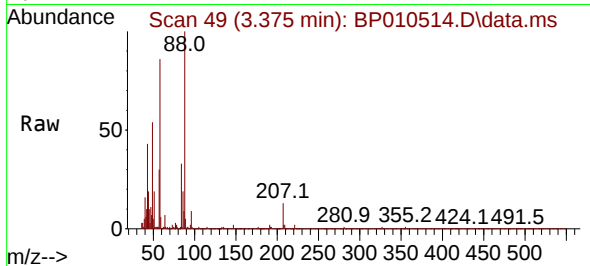




#2
1,4-Dioxane
Concen: 5.541 ng/uL
RT: 3.375 min Scan# 49
Delta R.T. 0.006 min
Lab File: BP010514.D
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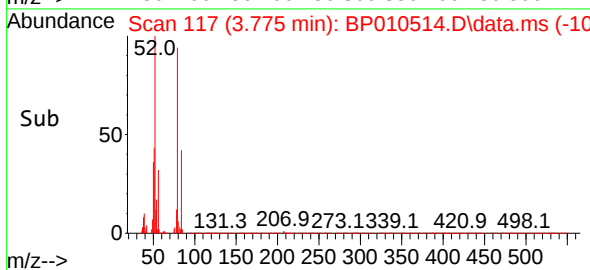
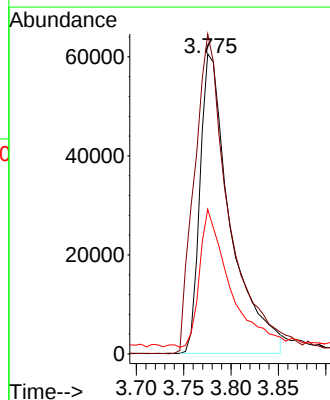
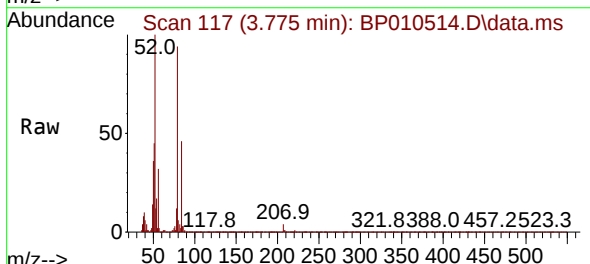
Instrument :
BNA_P
ClientSampleId :
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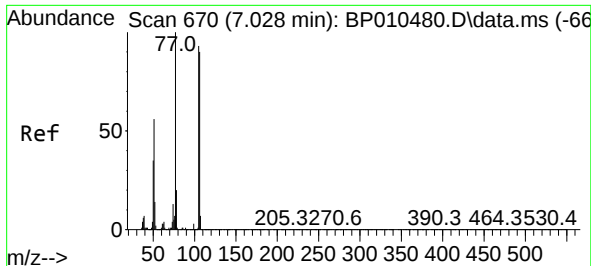
Tgt Ion:	88	Resp:	19643
Ion Ratio	Lower	Upper	
88	100		
43	43.1	6.8	10.2#
58	86.0	28.4	42.6#



#5
Pyridine
Concen: 13.391 ng/uL
RT: 3.775 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:	79	Resp:	135229
Ion Ratio	Lower	Upper	
79	100		
52	106.6	35.5	53.3#
51	48.2	20.2	30.4#

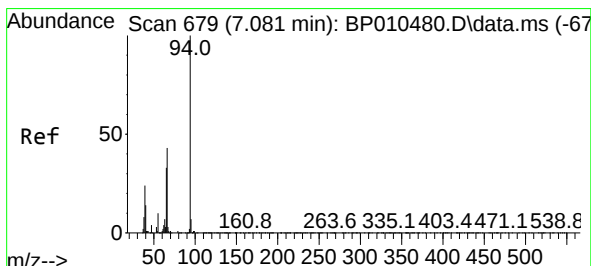
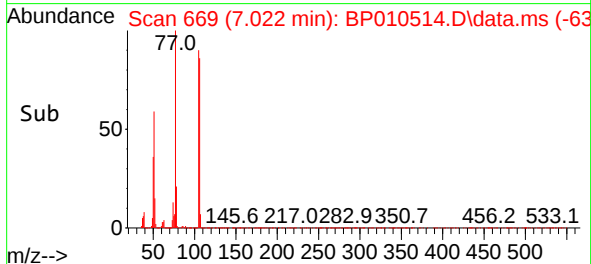
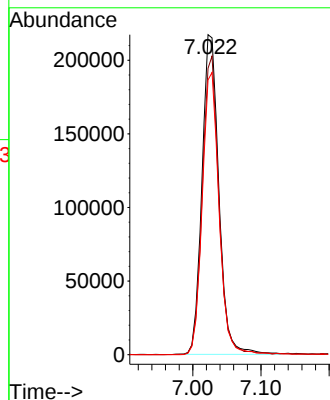
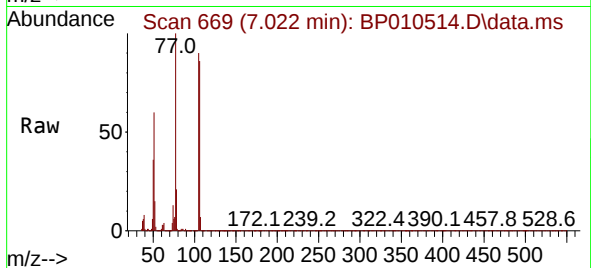




#6
Benzaldehyde
Concen: 57.792 ng/ul
RT: 7.022 min Scan# 609
Delta R.T. -0.006 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

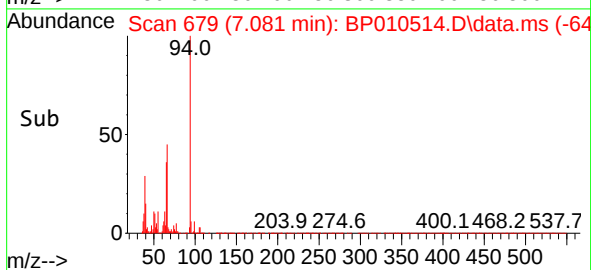
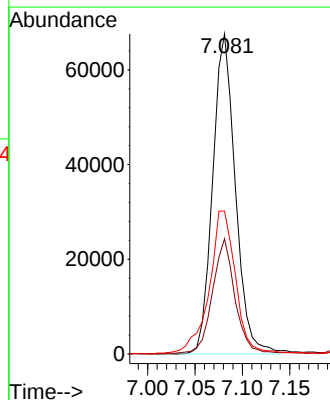
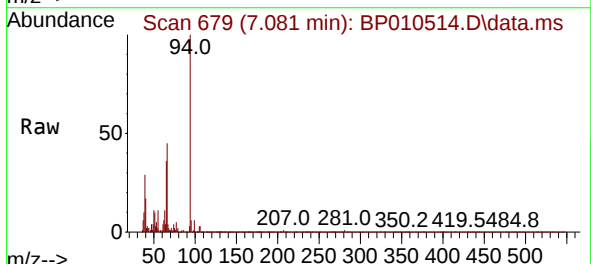
Instrument :
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ClientSampleId :
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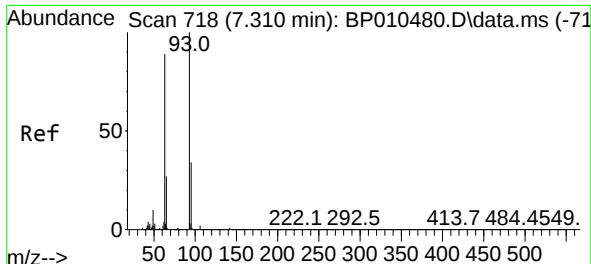
Tgt Ion: 77 Resp: 374031
Ion Ratio Lower Upper
77 100
105 89.5 77.0 115.4
106 85.9 77.0 115.4



#8
Phenol
Concen: 8.536 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. -0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion: 94 Resp: 112748
Ion Ratio Lower Upper
94 100
65 36.0 19.0 28.6#
66 44.6 34.6 51.8

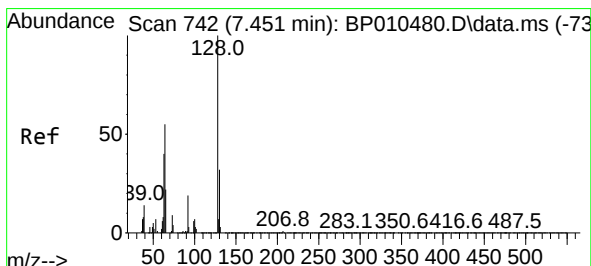
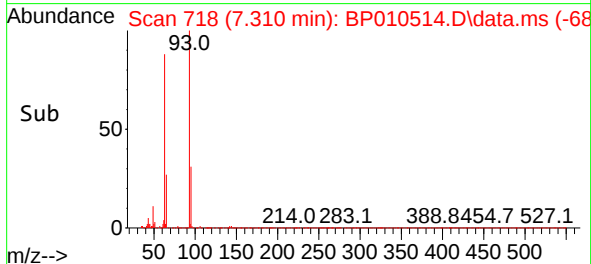
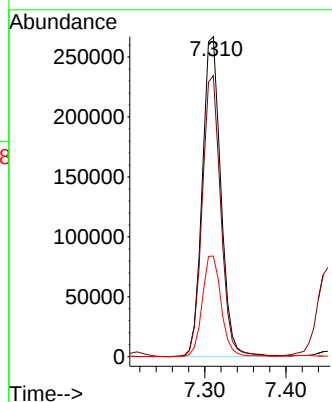
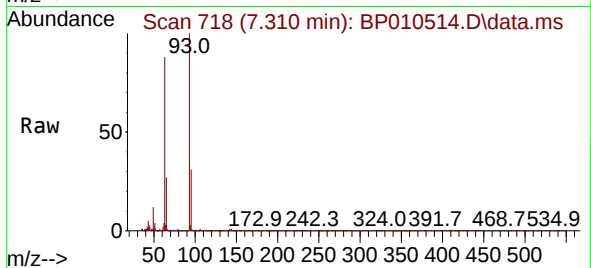




#10
Bis(2-Chloroethyl)ether
Concen: 40.838 ng/ul
RT: 7.310 min Scan# 718
Delta R.T. -0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

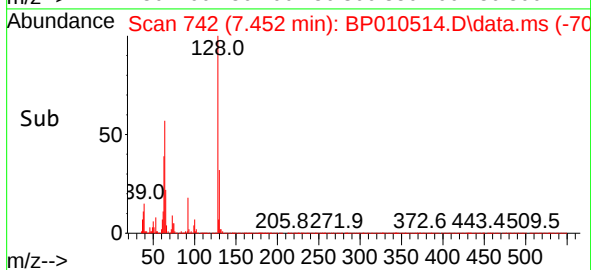
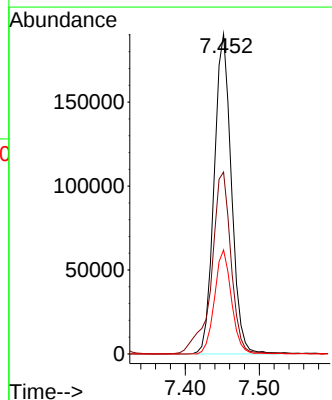
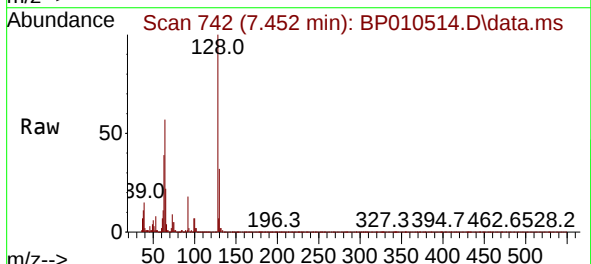
Instrument :
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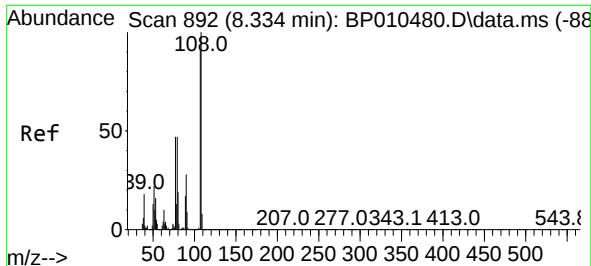
Tgt Ion: 93 Resp: 424088
Ion Ratio Lower Upper
93 100
63 87.8 45.0 67.4#
95 31.5 26.3 39.5



#12
2-Chlorophenol
Concen: 31.469 ng/ul
RT: 7.452 min Scan# 742
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:128 Resp: 307759
Ion Ratio Lower Upper
128 100
64 56.8 45.3 67.9
130 32.5 29.0 43.6

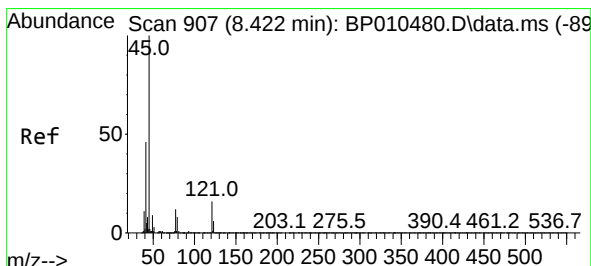
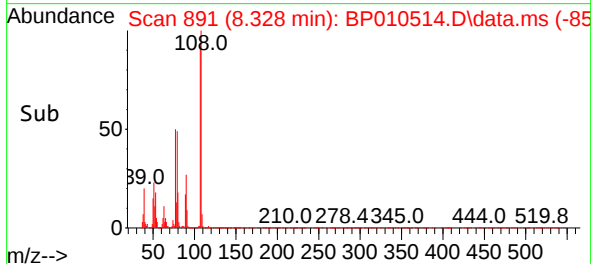
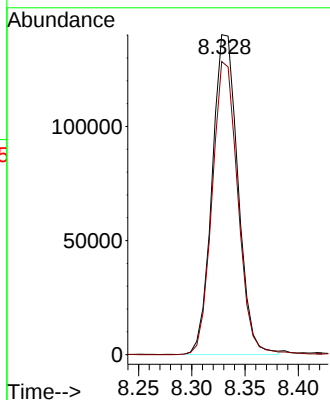
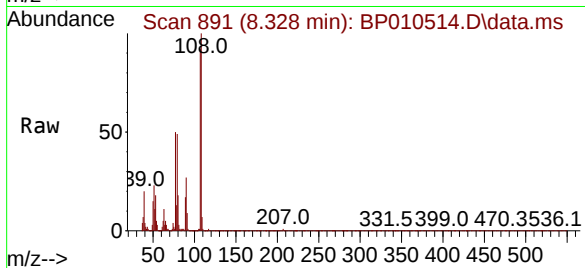




#13
2-Methylphenol
Concen: 23.927 ng/ul
RT: 8.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

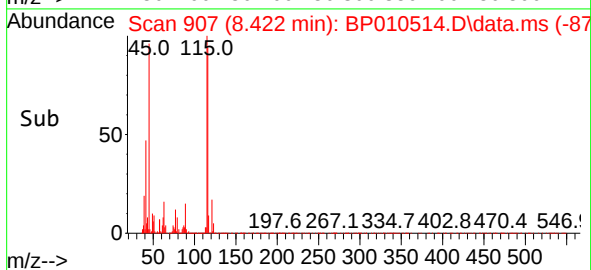
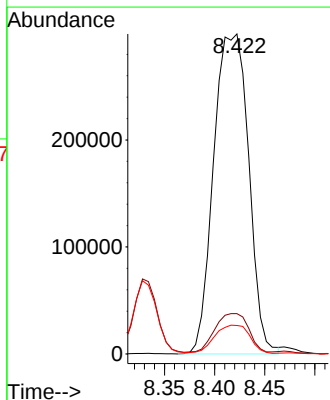
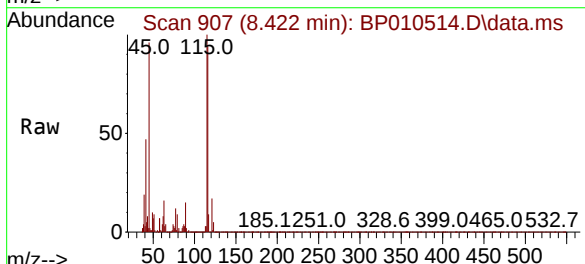
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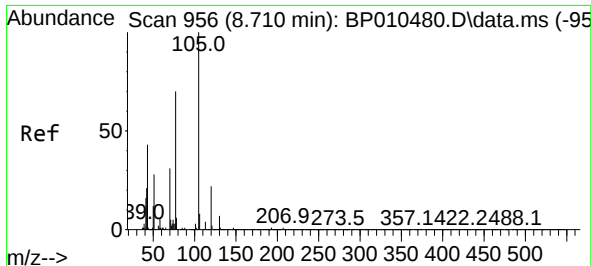
Tgt Ion:108 Resp: 235918
Ion Ratio Lower Upper
108 100
107 91.6 70.8 106.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 42.899 ng/ul
RT: 8.422 min Scan# 907
Delta R.T. 0.006 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion: 45 Resp: 726049
Ion Ratio Lower Upper
45 100
77 12.6 17.1 25.7#
79 8.9 13.2 19.8#

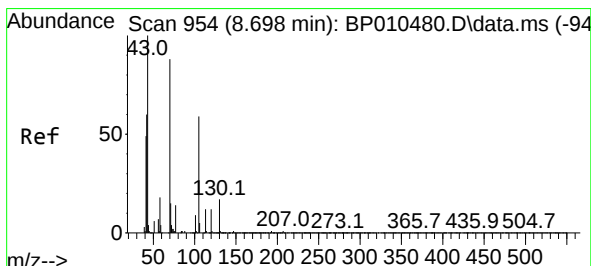
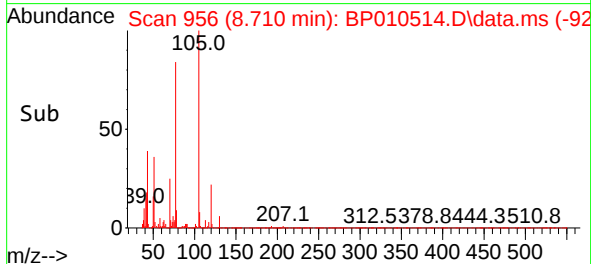
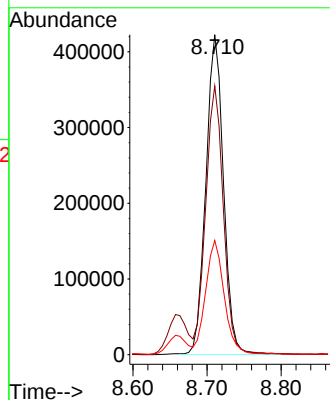
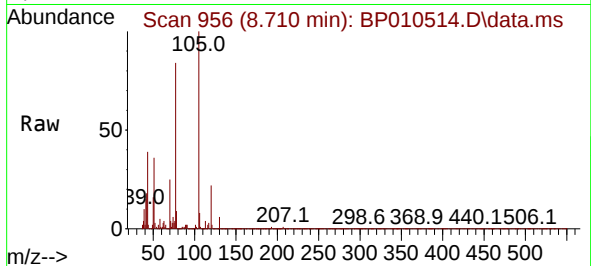




#16
Acetophenone
Concen: 42.765 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

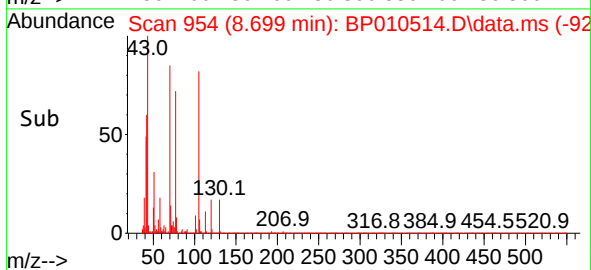
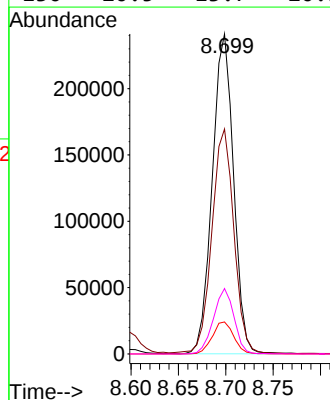
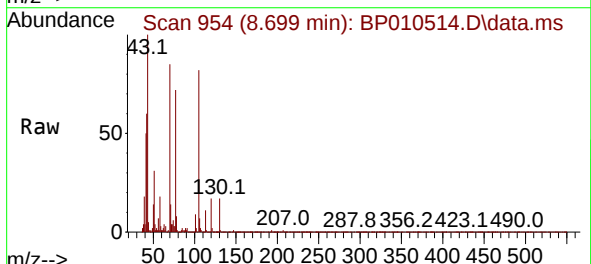
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

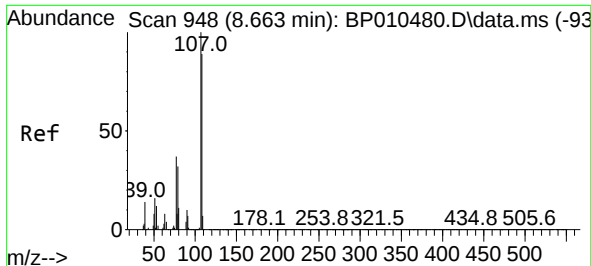
Tgt Ion:105 Resp: 699094
Ion Ratio Lower Upper
105 100
77 84.0 53.4 80.2#
51 35.7 13.8 20.8#



#17
N-Nitroso-di-n-propylamine
Concen: 42.989 ng/ul
RT: 8.699 min Scan# 954
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion: 70 Resp: 376101
Ion Ratio Lower Upper
70 100
42 70.3 31.8 47.8#
101 10.0 15.6 23.4#
130 20.5 13.7 20.5

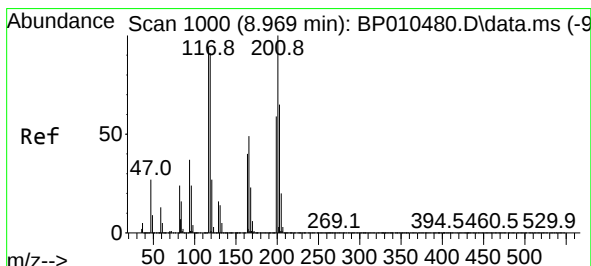
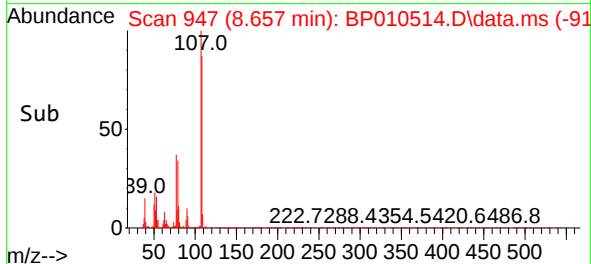
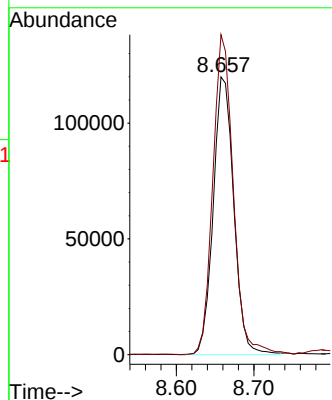
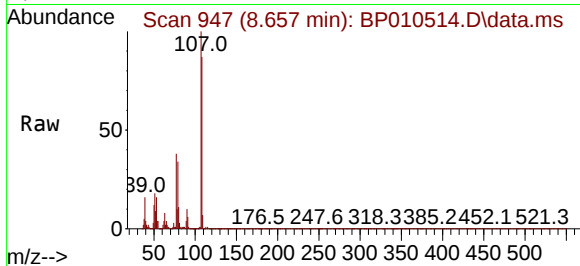




#18
4-Methylphenol
Concen: 20.352 ng/ul
RT: 8.657 min Scan# 948
Delta R.T. -0.006 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

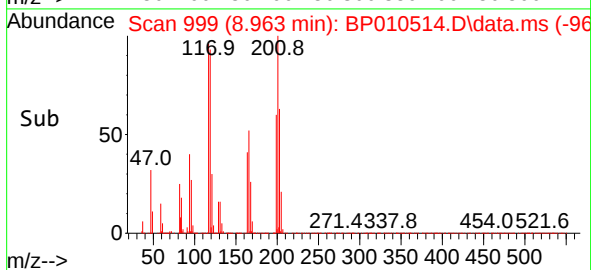
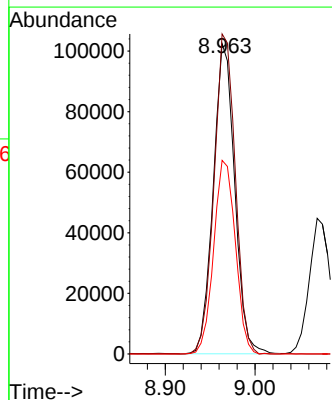
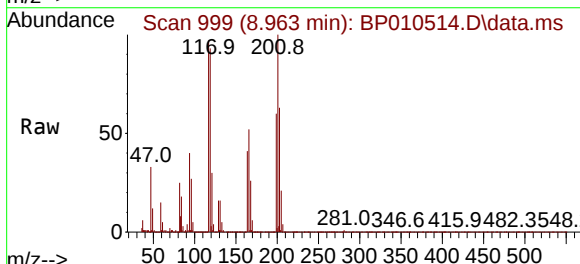
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

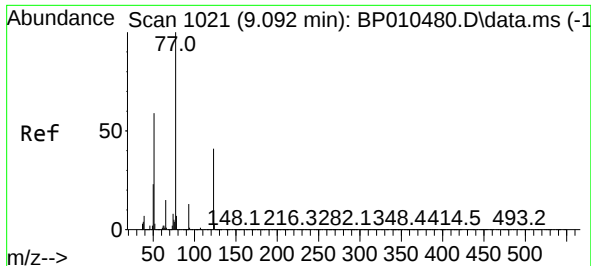
Tgt Ion:108 Resp: 221779
Ion Ratio Lower Upper
108 100
107 115.2 83.6 125.4



#19
Hexachloroethane
Concen: 39.903 ng/ul
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:117 Resp: 169726
Ion Ratio Lower Upper
117 100
201 103.1 106.5 159.7#
199 62.4 59.0 88.6

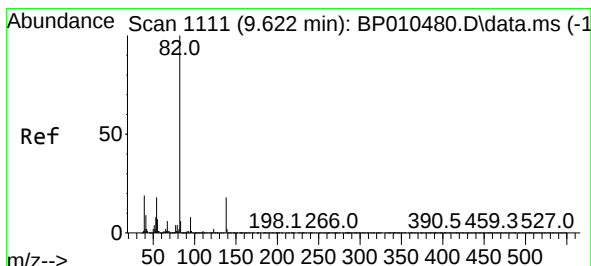
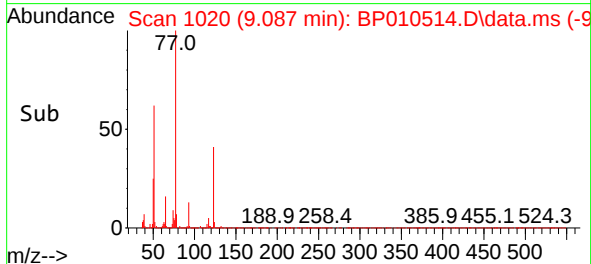
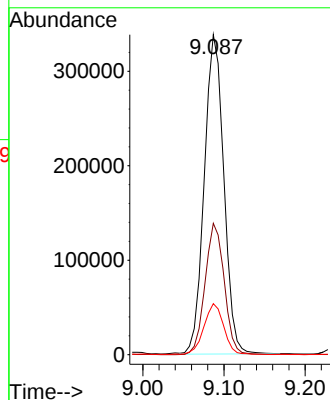
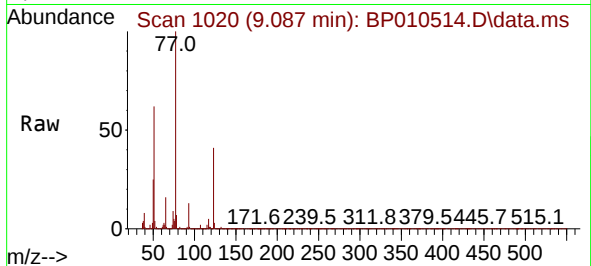




#22
Nitrobenzene
Concen: 41.424 ng/ul
RT: 9.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

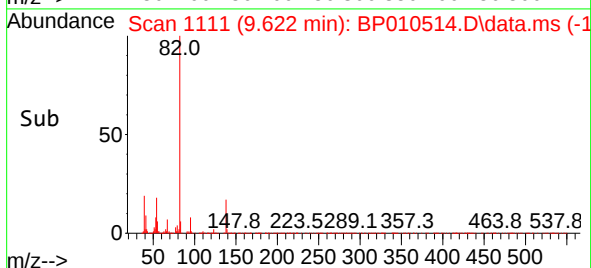
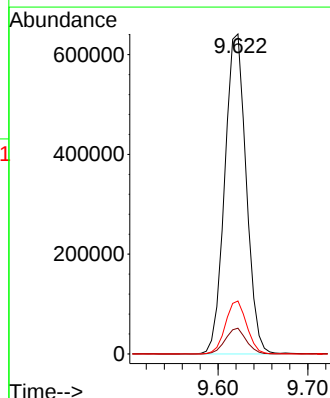
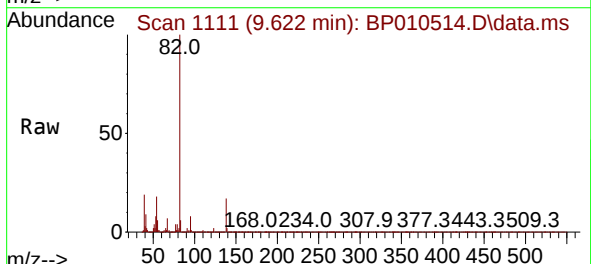
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

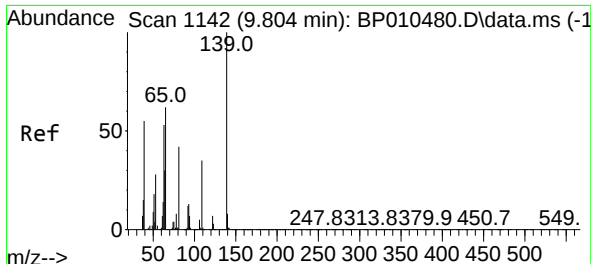
Tgt Ion: 77 Resp: 565516
Ion Ratio Lower Upper
77 100
123 41.1 42.3 63.5#
65 16.0 5.8 8.8#



#23
Isophorone
Concen: 42.177 ng/ul
RT: 9.622 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion: 82 Resp: 1064256
Ion Ratio Lower Upper
82 100
95 8.0 7.8 11.8
138 16.6 12.9 19.3

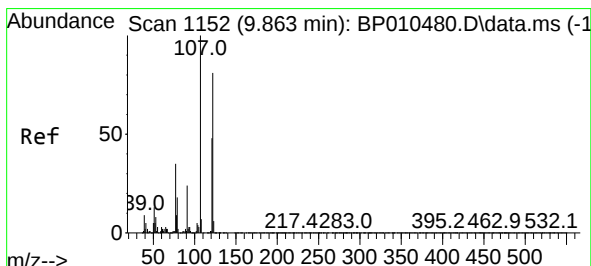
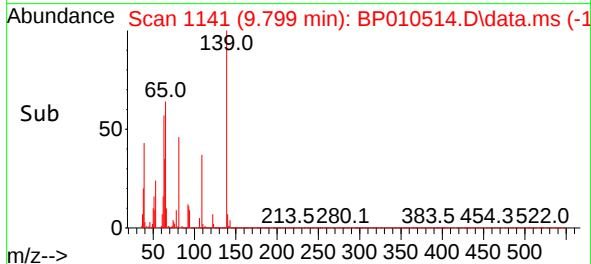
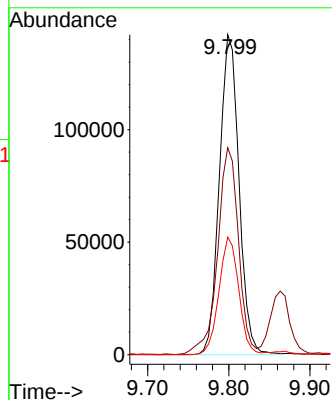
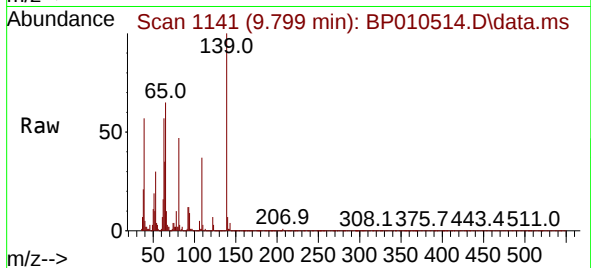




#25
2-Nitrophenol
Concen: 39.574 ng/ul
RT: 9.799 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

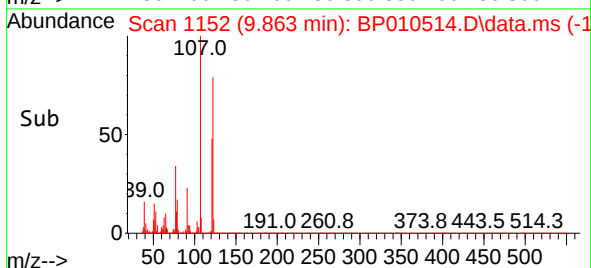
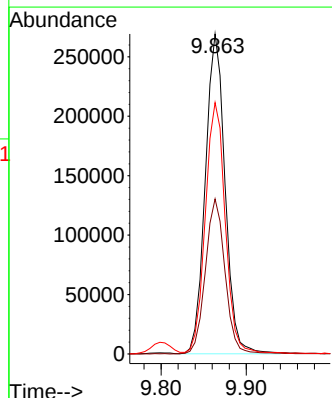
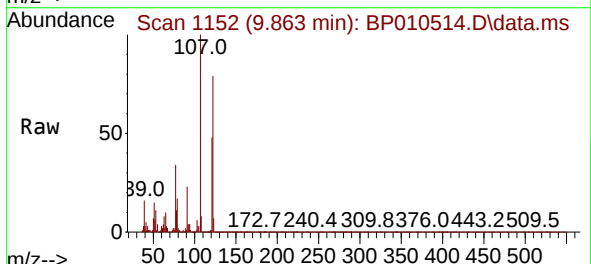
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

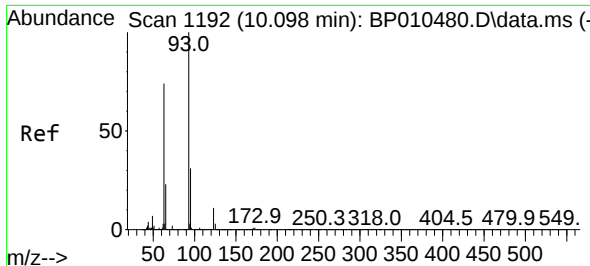
Tgt Ion:139 Resp: 239225
Ion Ratio Lower Upper
139 100
65 64.7 49.4 74.2
109 36.8 44.7 67.1#



#26
2,4-Dimethylphenol
Concen: 33.021 ng/ul
RT: 9.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:107 Resp: 433124
Ion Ratio Lower Upper
107 100
121 48.5 34.1 51.1
122 78.6 46.3 69.5#

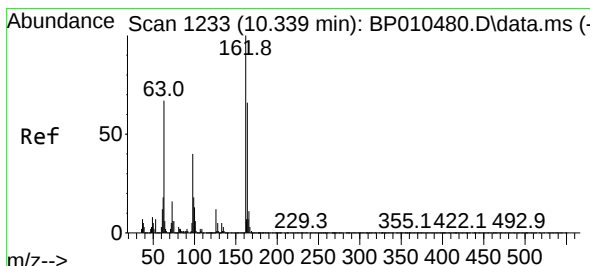
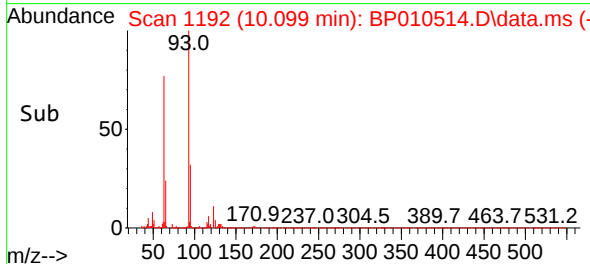
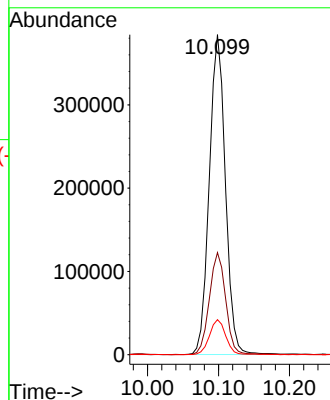
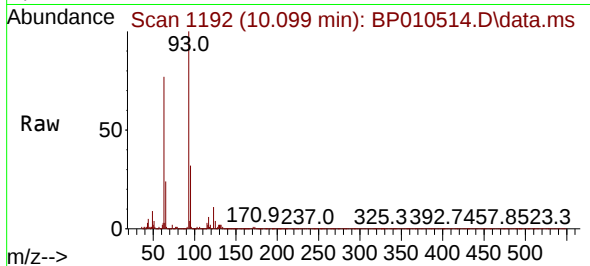




#27
 Bis(2-Chloroethoxy)methane
 Concen: 40.319 ng/ul
 RT: 10.099 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BP010514.D
 Acq: 24 May 2022 14:02

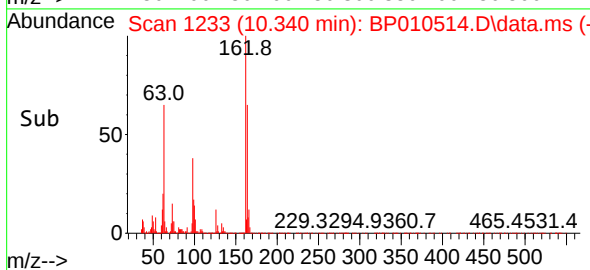
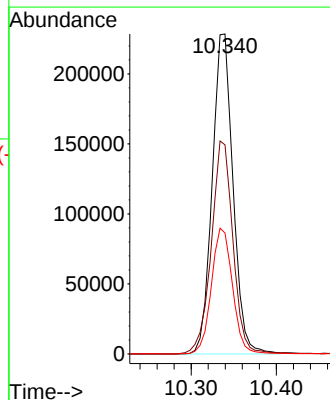
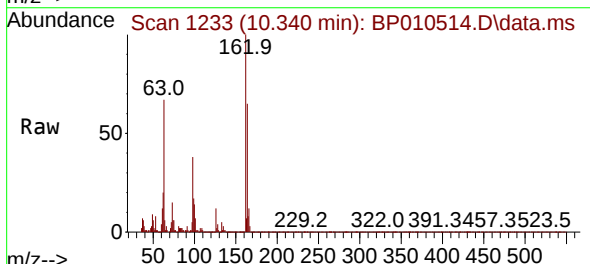
Instrument :
 BNA_P
 ClientSampleId :
 DBTD4MS

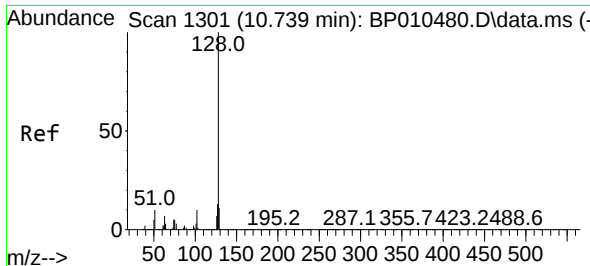
Tgt Ion: 93 Resp: 605777
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.2 39.4
 123 11.0 6.2 9.4#



#29
 2,4-Dichlorophenol
 Concen: 36.551 ng/ul
 RT: 10.340 min Scan# 1233
 Delta R.T. 0.006 min
 Lab File: BP010514.D
 Acq: 24 May 2022 14:02

Tgt Ion: 162 Resp: 389018
 Ion Ratio Lower Upper
 162 100
 164 65.4 37.0 55.6#
 98 37.8 31.0 46.6

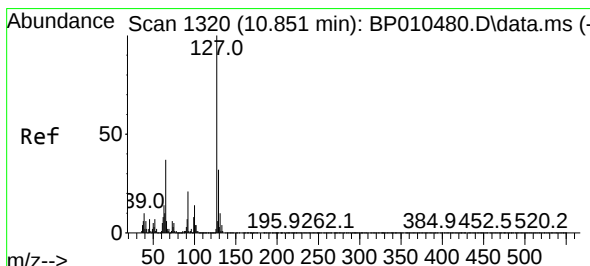
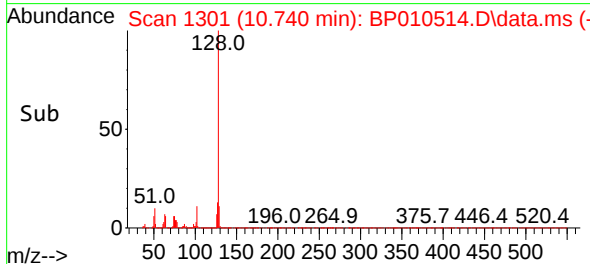
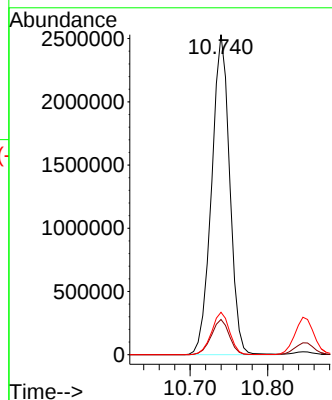
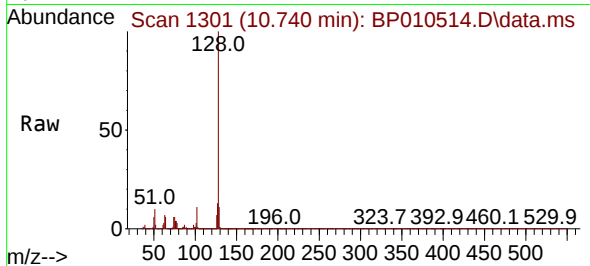




#30
Naphthalene
Concen: 116.819 ng/ul
RT: 10.740 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

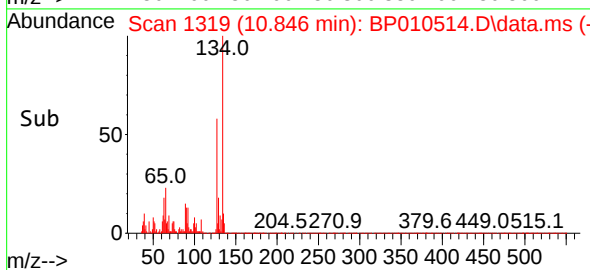
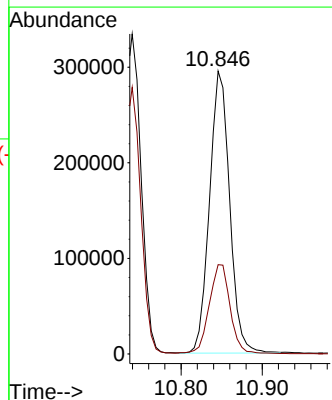
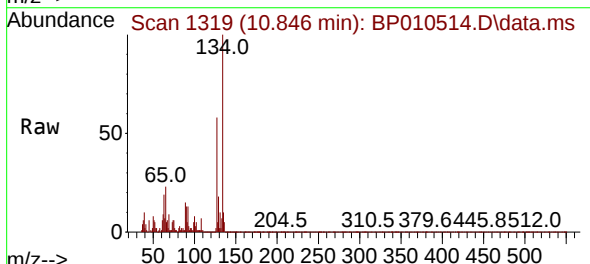
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

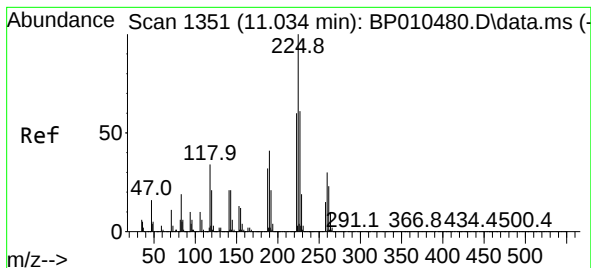
Tgt Ion:128 Resp: 4095644
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 12.2 18.4



#32
4-Chloroaniline
Concen: 33.102 ng/ul
RT: 10.846 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:127 Resp: 508477
Ion Ratio Lower Upper
127 100
129 31.6 24.6 37.0





#33

Hexachlorobutadiene

Concen: 38.707 ng/ul

RT: 11.028 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

Instrument :

BNA_P

ClientSampleId :

DBTD4MS

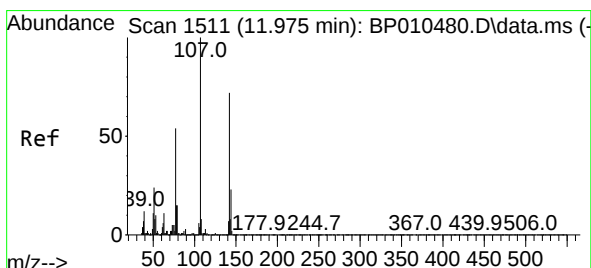
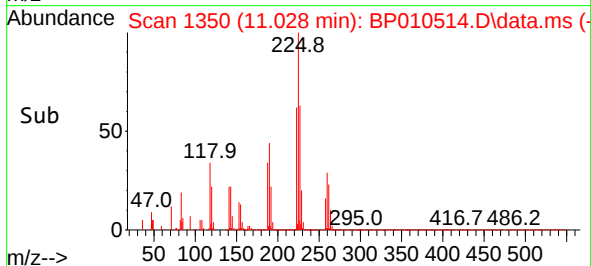
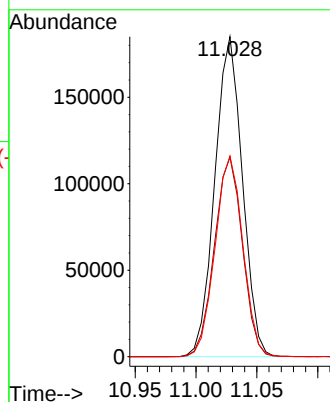
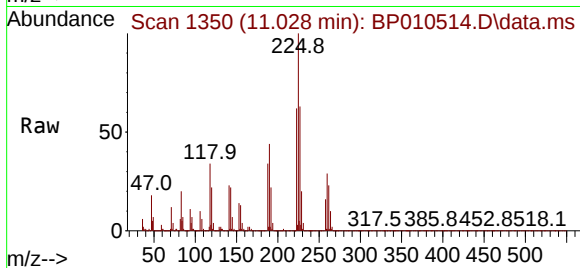
Tgt Ion:225 Resp: 291923

Ion Ratio Lower Upper

225 100

223 62.4 53.4 80.0

227 62.7 53.8 80.8



#35

4-Chloro-3-methylphenol

Concen: 35.025 ng/ul

RT: 11.969 min Scan# 1510

Delta R.T. -0.006 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

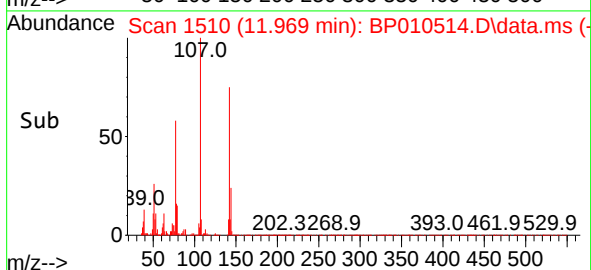
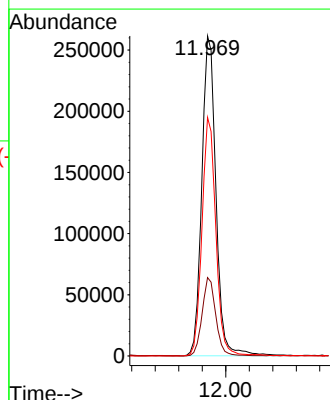
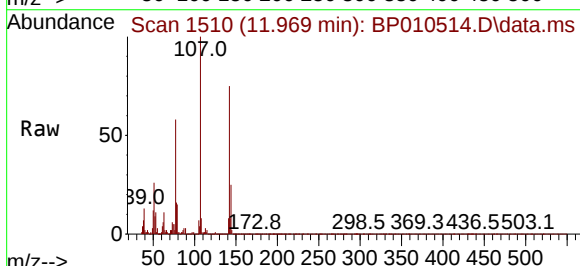
Tgt Ion:107 Resp: 436086

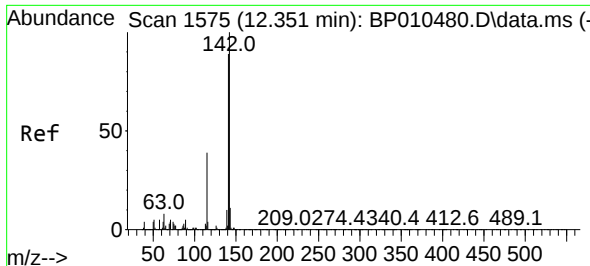
Ion Ratio Lower Upper

107 100

144 24.5 15.8 23.8#

142 74.5 38.9 58.3#

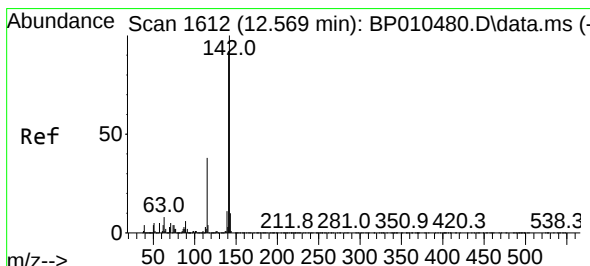
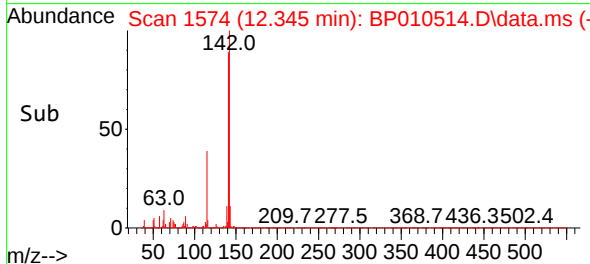
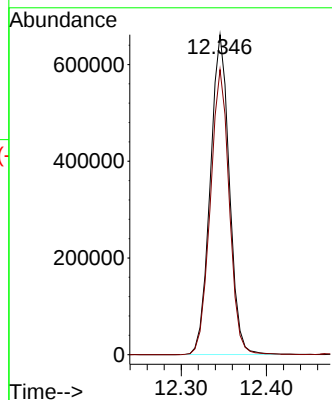
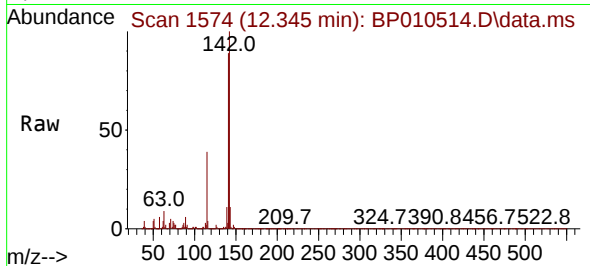




#36
2-Methylnaphthalene
Concen: 41.452 ng/ul
RT: 12.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

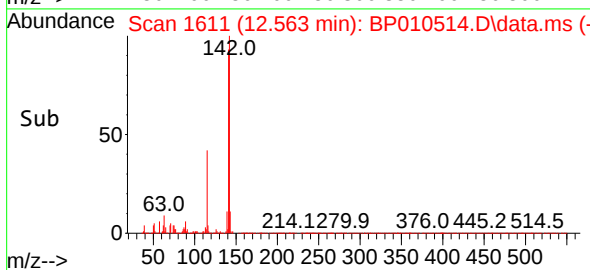
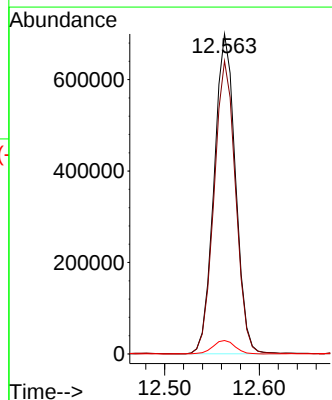
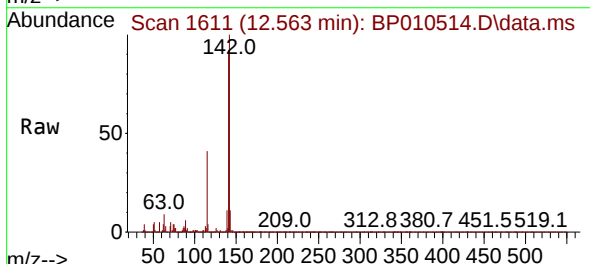
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

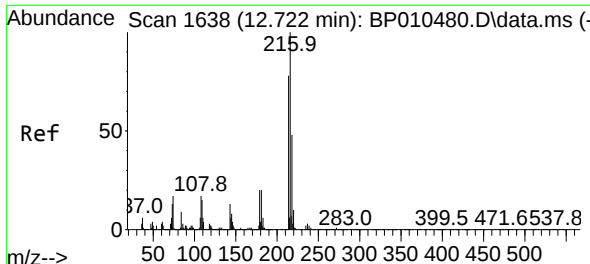
Tgt Ion:142 Resp: 1028847
Ion Ratio Lower Upper
142 100
141 89.1 64.3 96.5



#37
1-Methylnaphthalene
Concen: 43.835 ng/ul
RT: 12.563 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:142 Resp: 1098533
Ion Ratio Lower Upper
142 100
141 91.6 69.8 104.8
116 4.2 5.6 8.4#

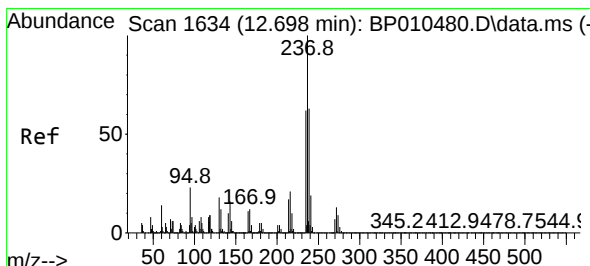
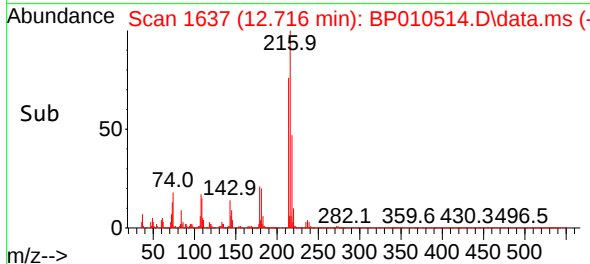
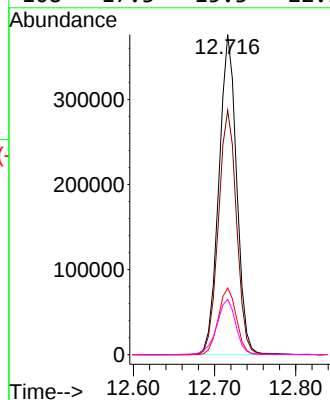
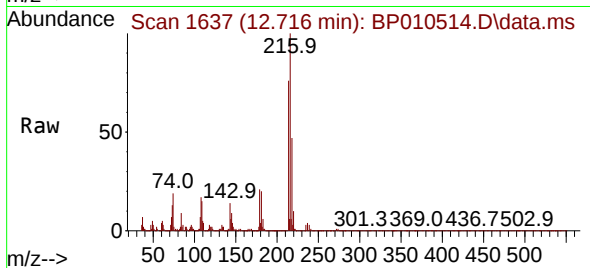




#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.969 ng/ul
RT: 12.716 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

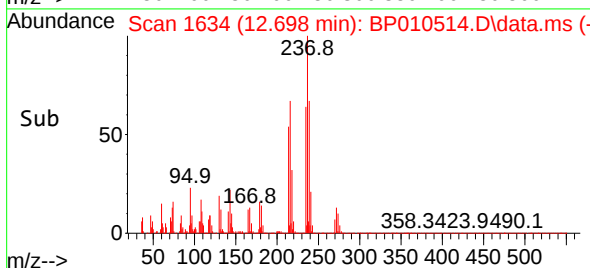
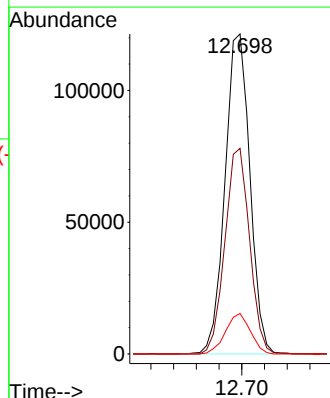
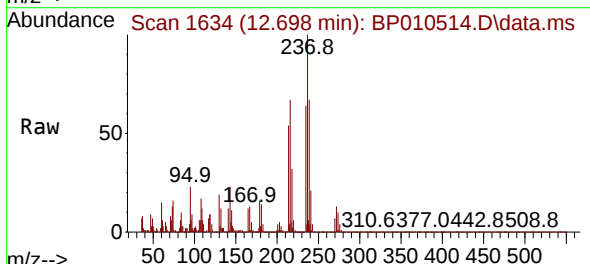
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

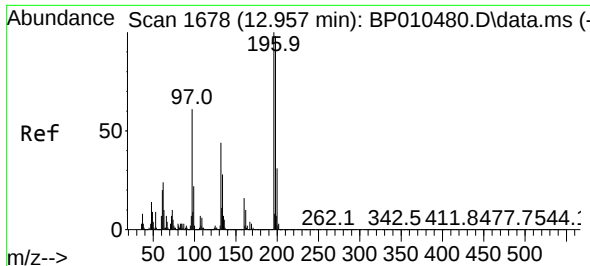
Tgt Ion:216 Resp: 572452
Ion Ratio Lower Upper
216 100
214 76.4 58.2 87.2
179 20.8 14.2 21.2
108 17.3 15.3 22.9



#40
Hexachlorocyclopentadiene
Concen: 24.308 ng/ul
RT: 12.698 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:237 Resp: 184658
Ion Ratio Lower Upper
237 100
235 64.2 53.2 79.8
272 12.6 10.8 16.2

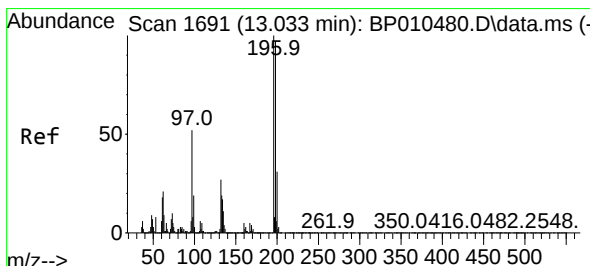
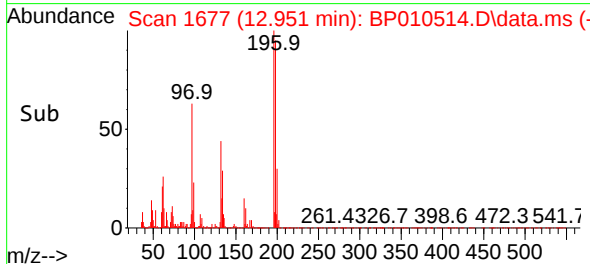
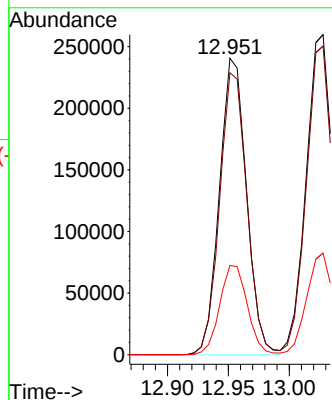
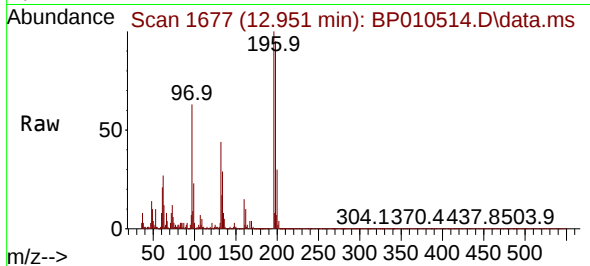




#41
2,4,6-Trichlorophenol
Concen: 42.822 ng/ul
RT: 12.951 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

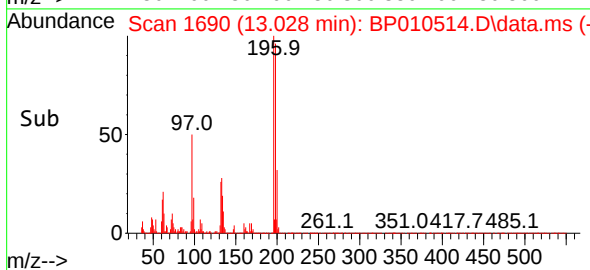
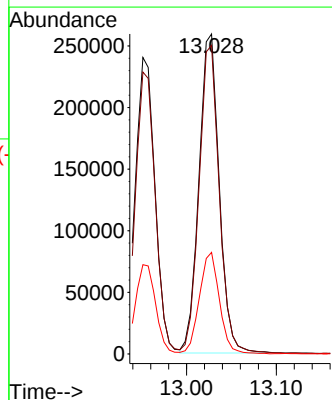
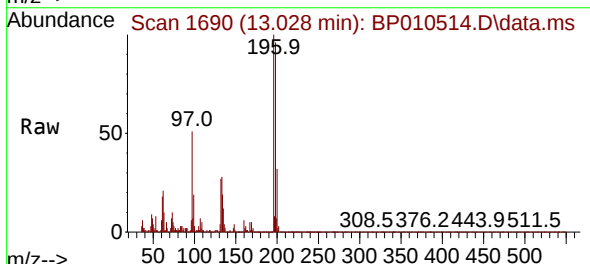
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

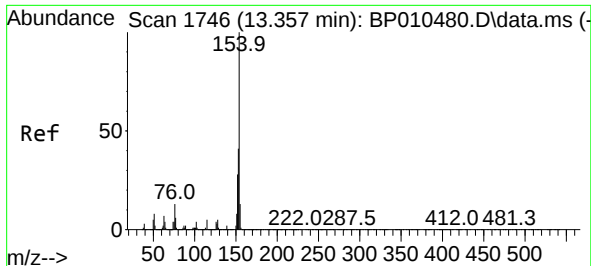
Tgt Ion:196 Resp: 372975
Ion Ratio Lower Upper
196 100
198 95.1 64.1 96.1
200 30.1 19.9 29.9#



#42
2,4,5-Trichlorophenol
Concen: 41.884 ng/ul
RT: 13.028 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:196 Resp: 407332
Ion Ratio Lower Upper
196 100
198 96.5 68.6 103.0
200 31.8 32.8 49.2#

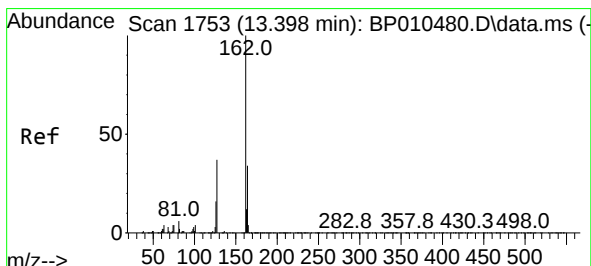
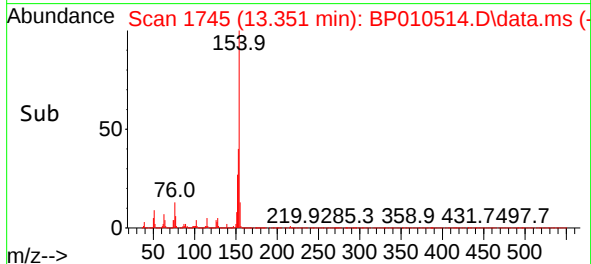
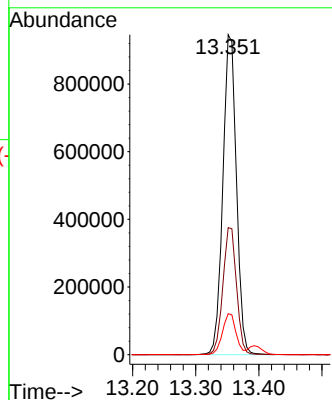
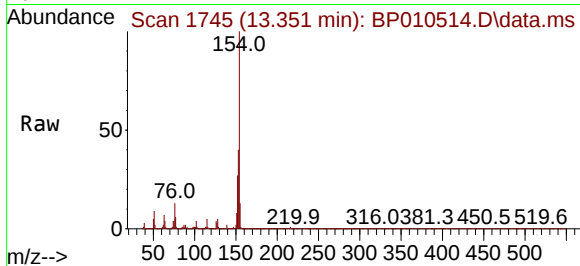




#43
1,1'-Biphenyl
Concen: 42.092 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

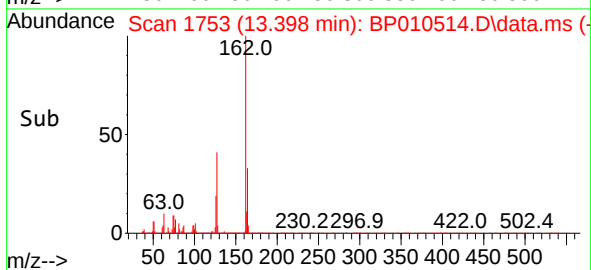
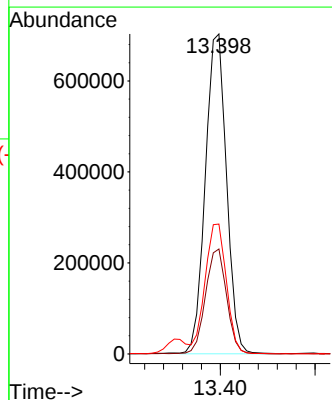
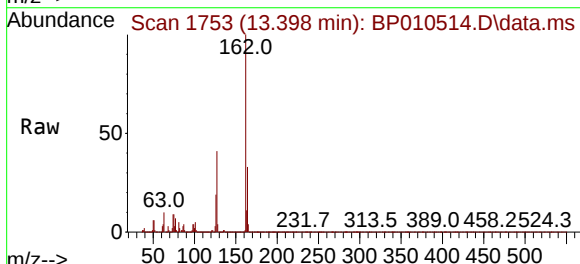
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

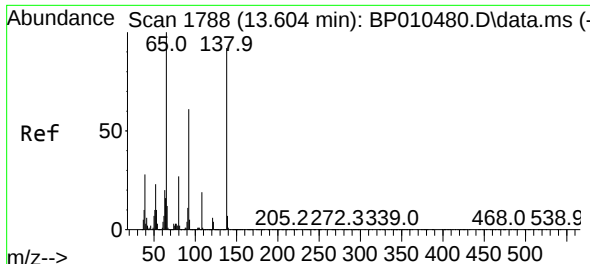
Tgt Ion:154 Resp: 1414643
Ion Ratio Lower Upper
154 100
153 39.7 28.6 43.0
76 12.8 8.5 12.7#



#44
2-Chloronaphthalene
Concen: 41.958 ng/ul
RT: 13.398 min Scan# 1753
Delta R.T. 0.006 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:162 Resp: 1089158
Ion Ratio Lower Upper
162 100
164 32.8 27.5 41.3
127 40.6 37.1 55.7

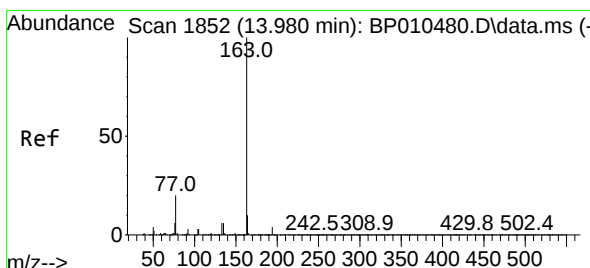
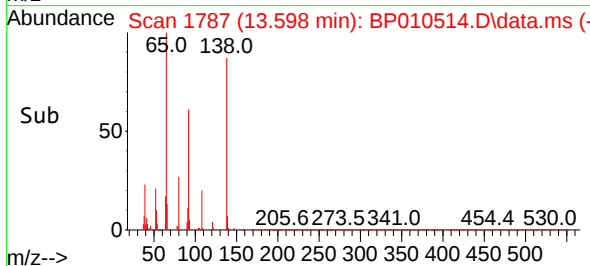
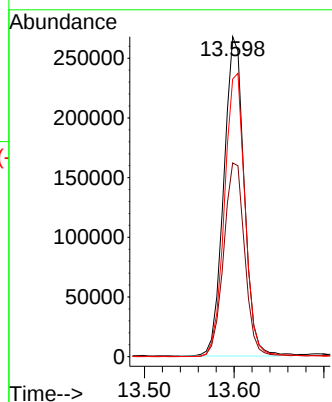
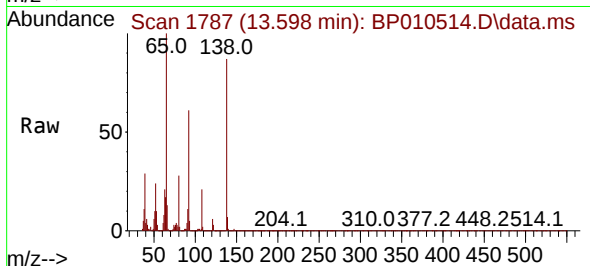




#45
2-Nitroaniline
Concen: 49.493 ng/ul
RT: 13.598 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

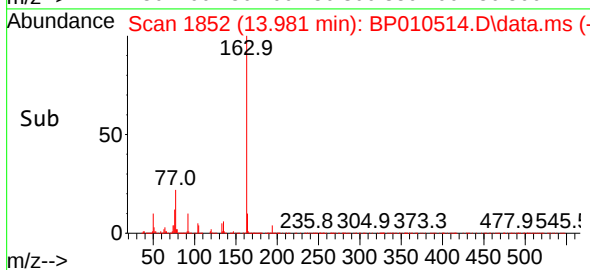
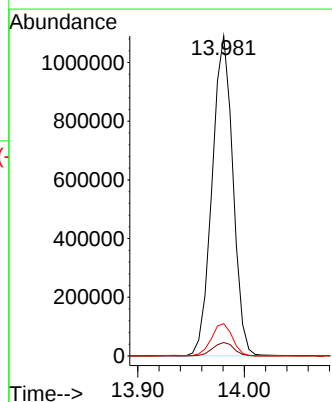
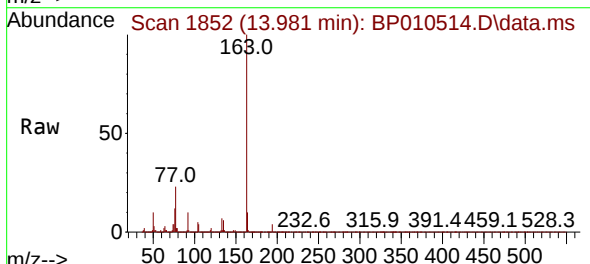
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

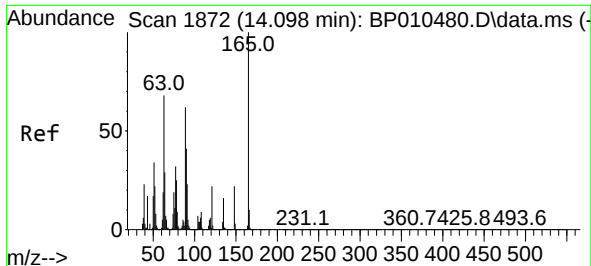
Tgt Ion: 65 Resp: 422830
Ion Ratio Lower Upper
65 100
92 60.6 77.9 116.9#
138 86.8 81.5 122.3



#47
Dimethylphthalate
Concen: 44.181 ng/ul
RT: 13.981 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:163 Resp: 1478433
Ion Ratio Lower Upper
163 100
194 4.2 4.1 6.1
164 10.1 11.3 16.9#

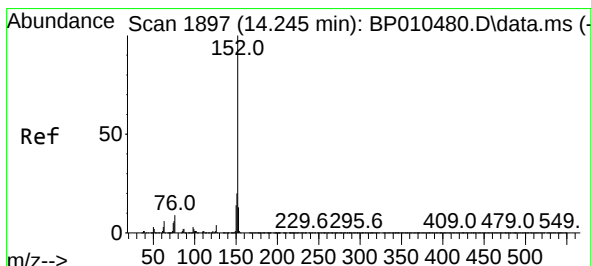
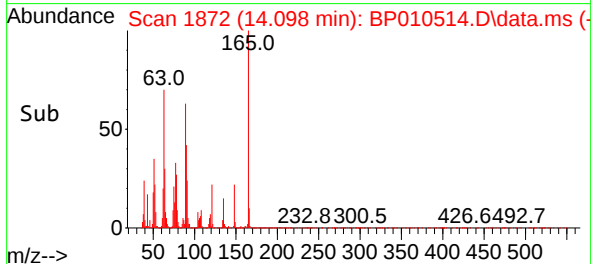
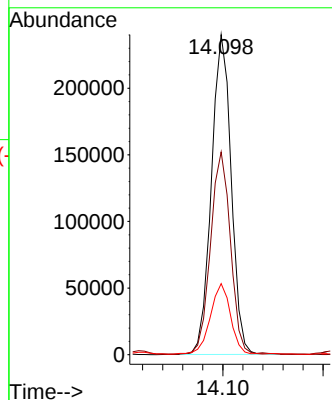
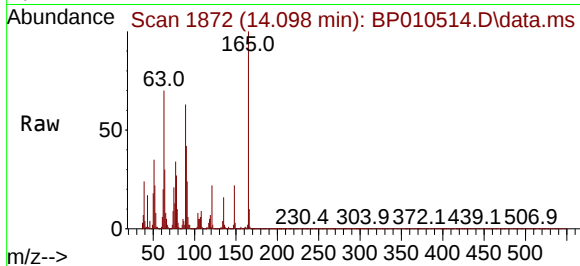




#48
2,6-Dinitrotoluene
Concen: 48.171 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. 0.006 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

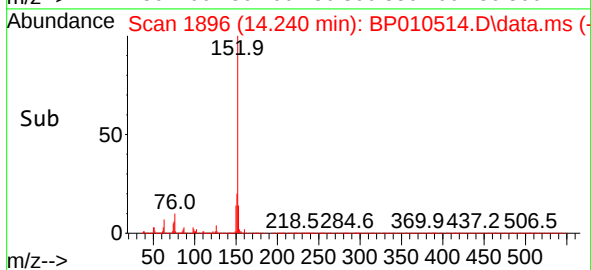
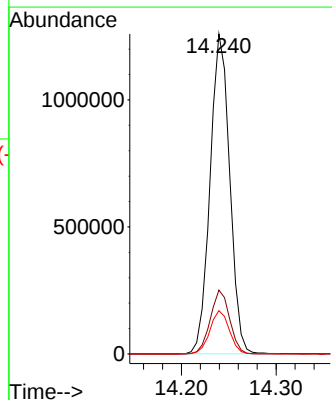
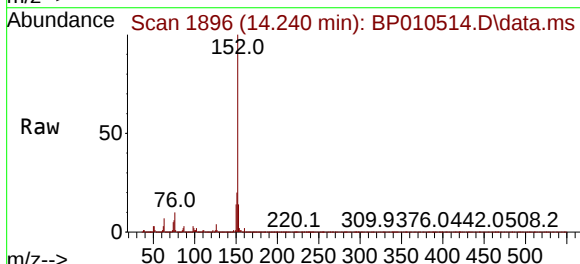
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

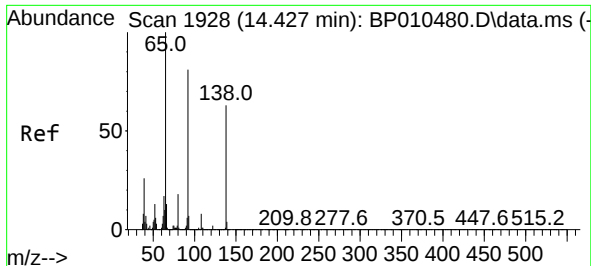
Tgt Ion:165 Resp: 328597
Ion Ratio Lower Upper
165 100
89 63.3 51.7 77.5
121 22.2 18.3 27.5



#50
Acenaphthylene
Concen: 43.032 ng/ul
RT: 14.240 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:152 Resp: 1811447
Ion Ratio Lower Upper
152 100
151 19.9 18.3 27.5
153 13.6 11.0 16.6

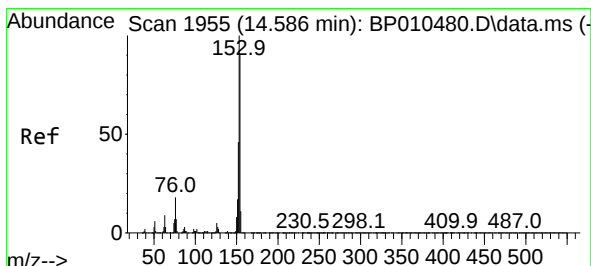
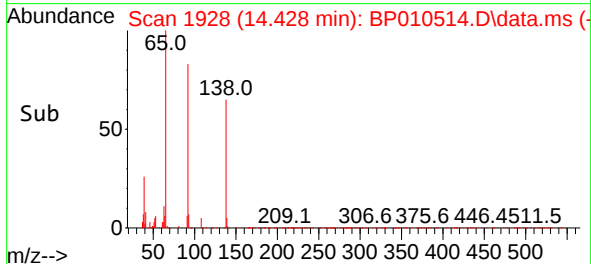
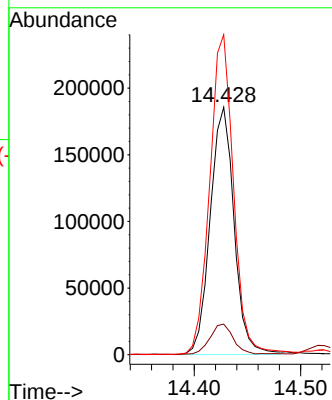
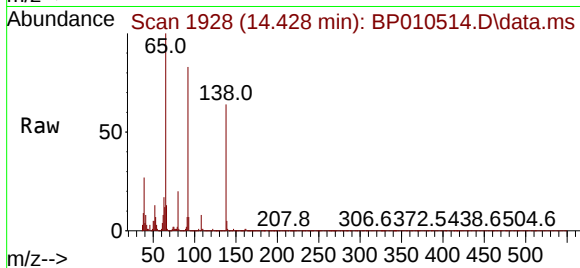




#51
3-Nitroaniline
Concen: 45.184 ng/ul
RT: 14.428 min Scan# 1928
Delta R.T. 0.006 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

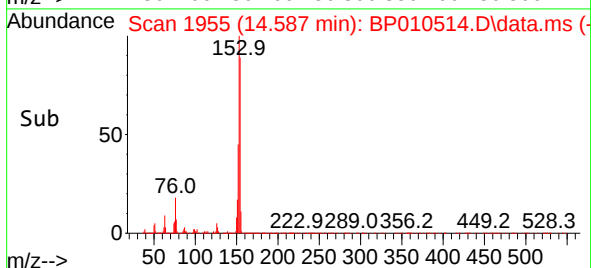
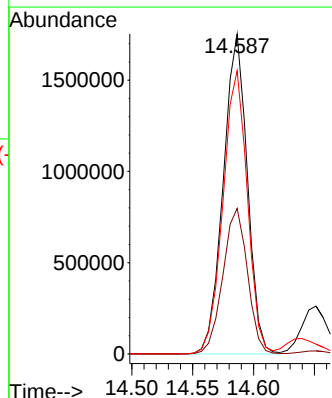
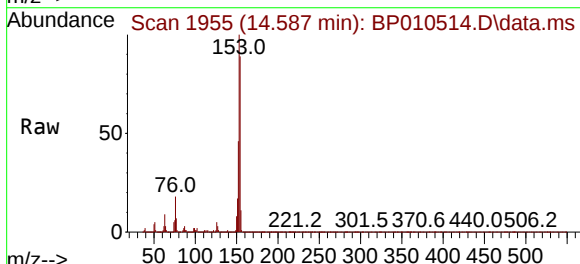
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

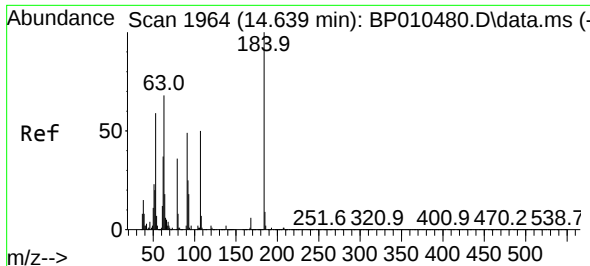
Tgt Ion:138 Resp: 289284
Ion Ratio Lower Upper
138 100
108 12.4 15.8 23.8#
92 129.3 117.1 175.7



#52
Acenaphthene
Concen: 87.950 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:153 Resp: 2415214
Ion Ratio Lower Upper
153 100
152 45.5 34.3 51.5
154 88.5 70.0 105.0

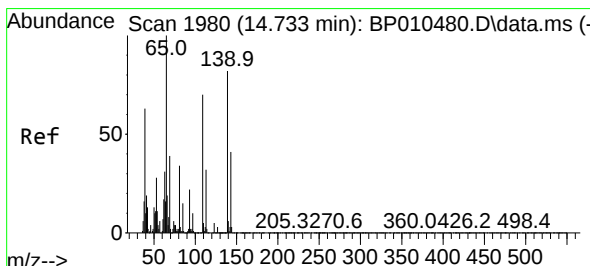
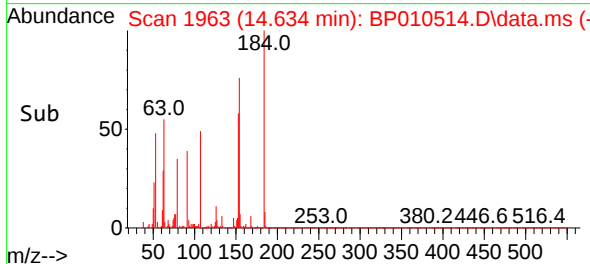
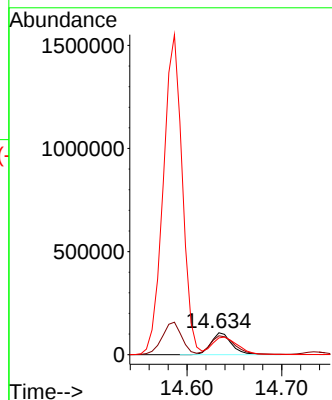
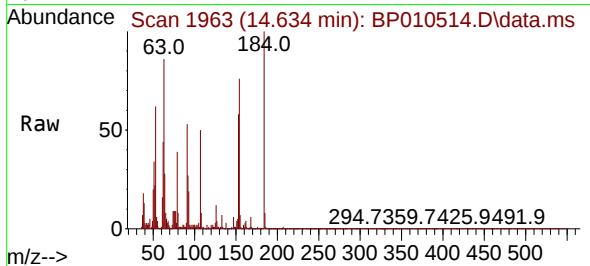




#53
2,4-Dinitrophenol
Concen: 42.070 ng/ul
RT: 14.634 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

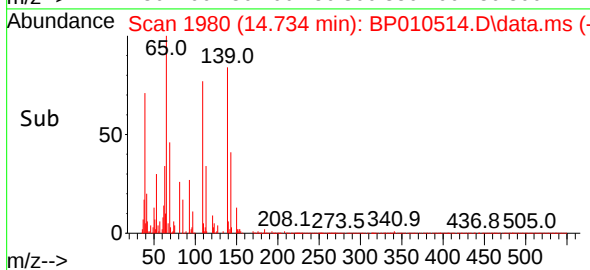
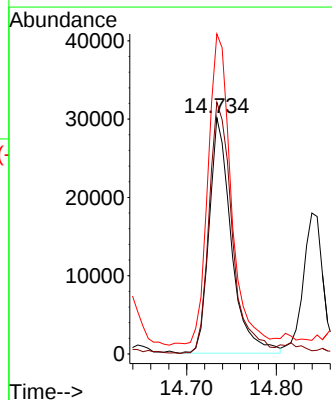
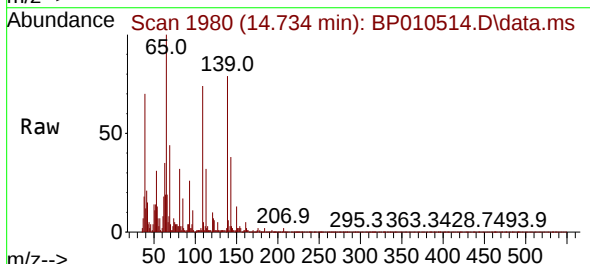
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

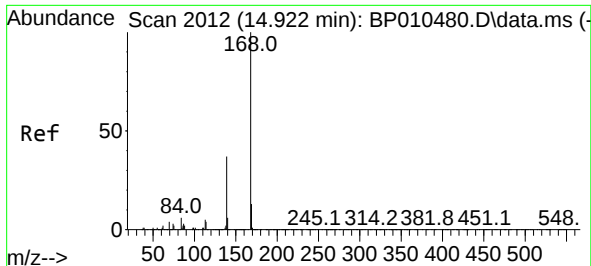
Tgt Ion:184 Resp: 160221
Ion Ratio Lower Upper
184 100
63 86.4 34.6 52.0#
154 76.4 57.7 86.5



#55
4-Nitrophenol
Concen: 9.637 ng/ul
RT: 14.734 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:109 Resp: 51456
Ion Ratio Lower Upper
109 100
139 106.5 61.4 92.2#
65 135.4 65.3 97.9#

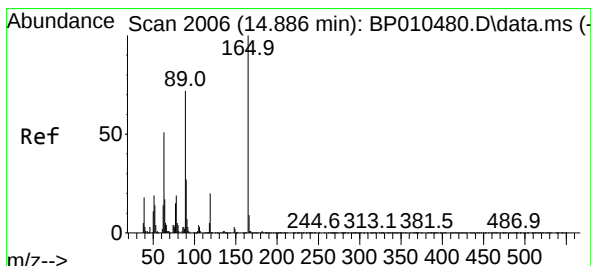
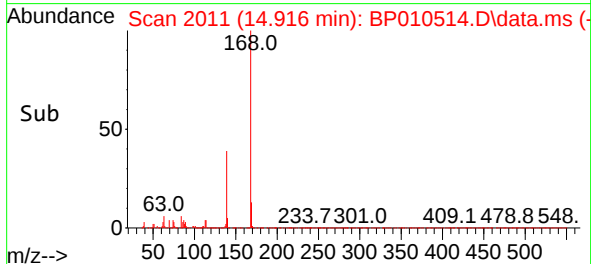
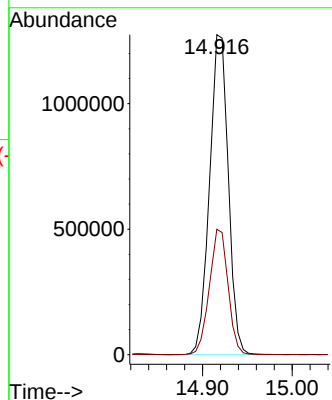
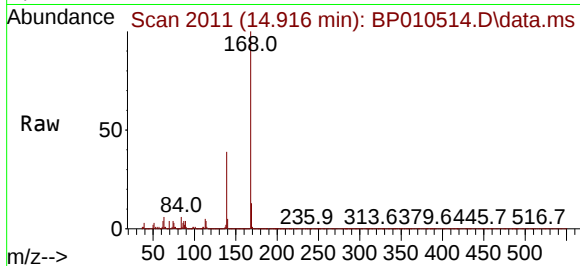




#56
Dibenzofuran
Concen: 45.931 ng/ul
RT: 14.916 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

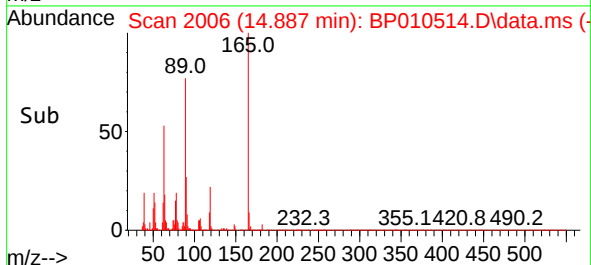
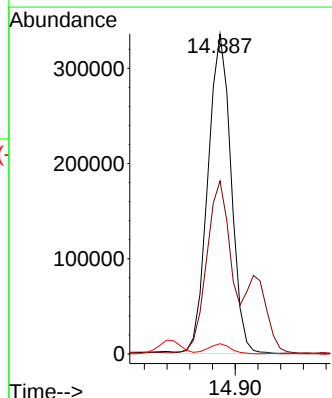
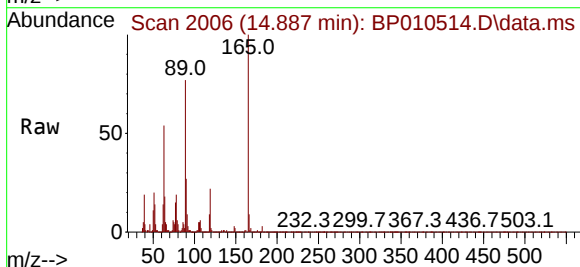
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

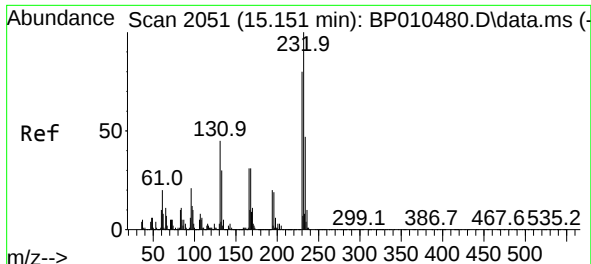
Tgt Ion:168 Resp: 1848477
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1



#57
2,4-Dinitrotoluene
Concen: 48.411 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:165 Resp: 475397
Ion Ratio Lower Upper
165 100
63 54.1 29.5 44.3#
182 3.2 2.8 4.2

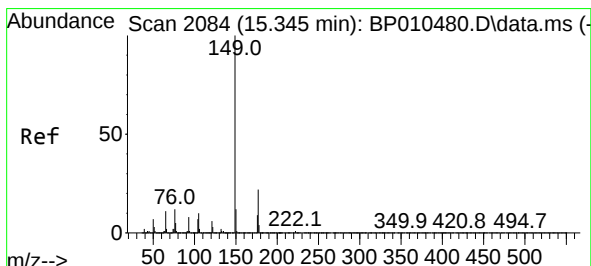
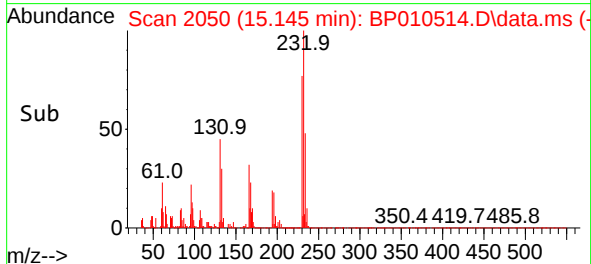
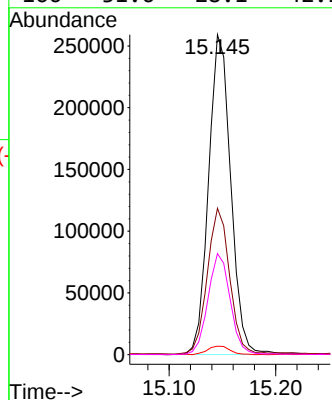
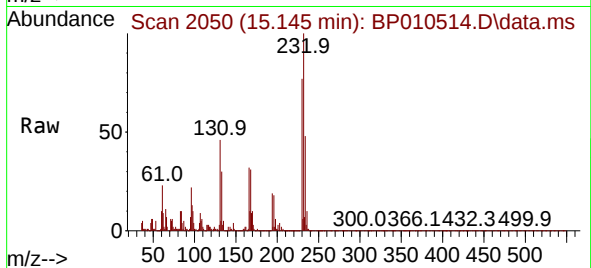




#58
2,3,4,6-Tetrachlorophenol
Concen: 44.702 ng/ul
RT: 15.145 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

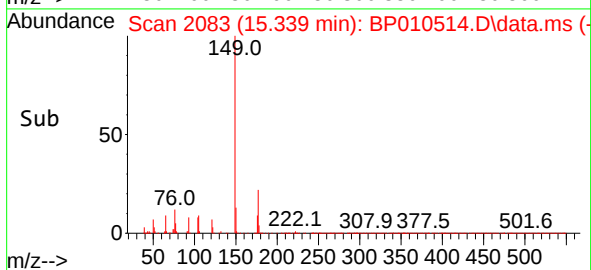
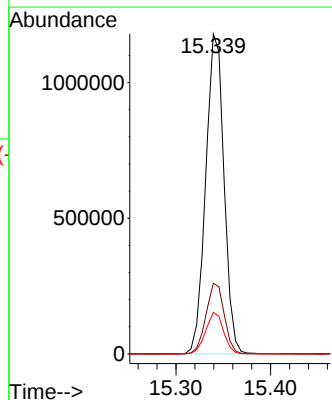
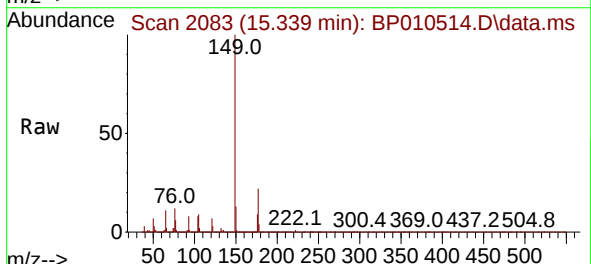
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

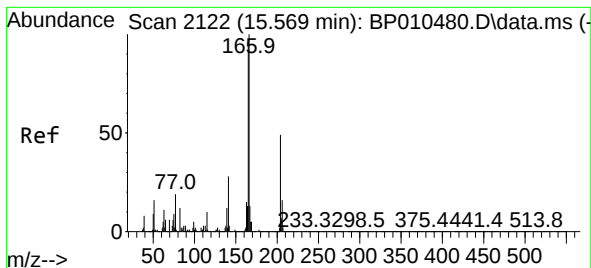
Tgt Ion:232 Resp: 373828
Ion Ratio Lower Upper
232 100
131 45.8 25.4 38.2#
130 2.7 4.2 6.2#
166 31.6 28.1 42.1



#59
Diethylphthalate
Concen: 46.217 ng/ul
RT: 15.339 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:149 Resp: 1578113
Ion Ratio Lower Upper
149 100
177 22.1 22.0 33.0
150 13.0 10.2 15.2





#61

Fluorene

Concen: 60.157 ng/ul

RT: 15.569 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

Instrument :

BNA_P

ClientSampleId :

DBTD4MS

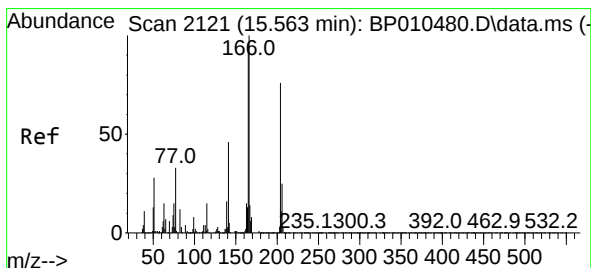
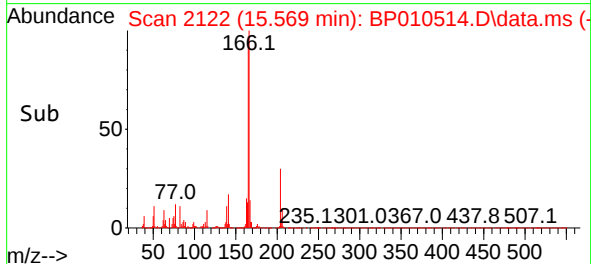
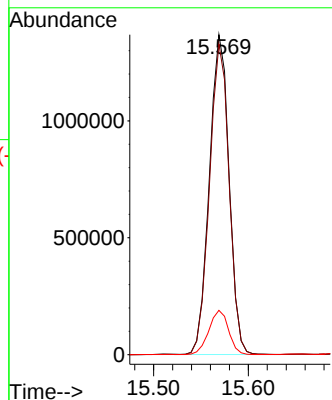
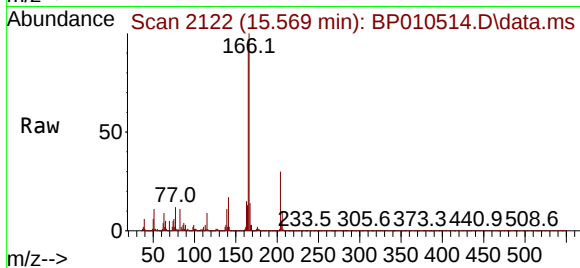
Tgt Ion:166 Resp: 1979828

Ion Ratio Lower Upper

166 100

165 97.1 70.3 105.5

167 13.8 9.5 14.3



#62

4-Chlorophenyl-phenylether

Concen: 44.153 ng/ul

RT: 15.563 min Scan# 2121

Delta R.T. 0.000 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

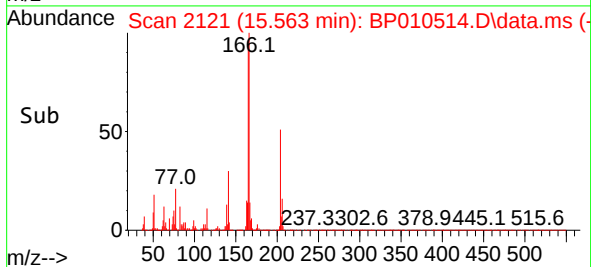
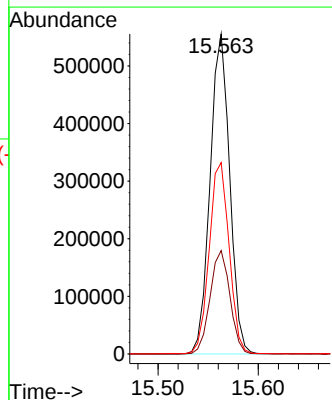
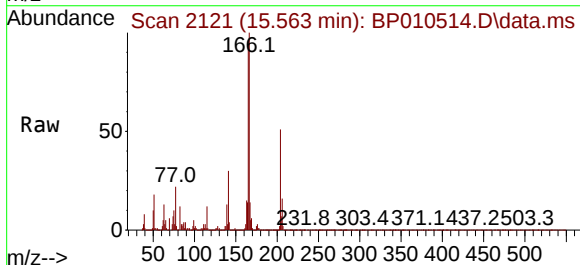
Tgt Ion:204 Resp: 755894

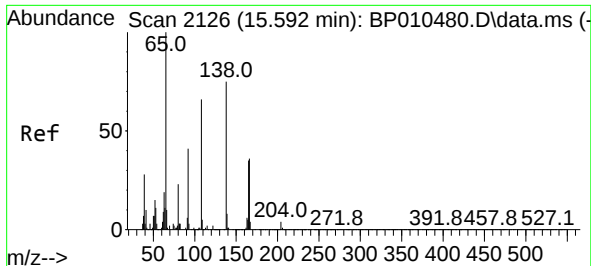
Ion Ratio Lower Upper

204 100

206 32.3 27.6 41.4

141 59.8 46.6 69.8

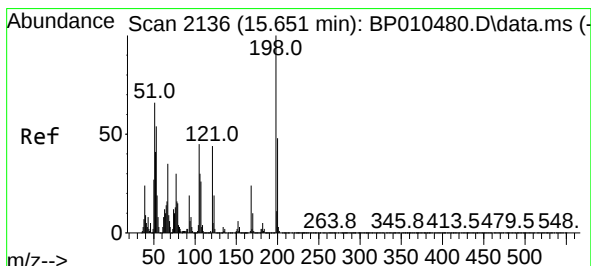
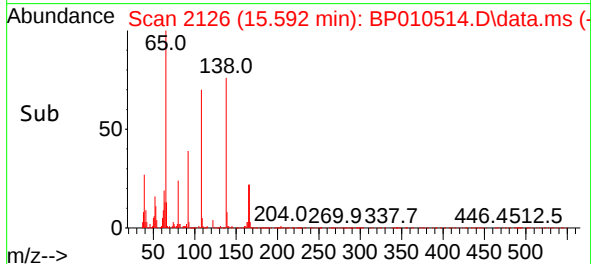
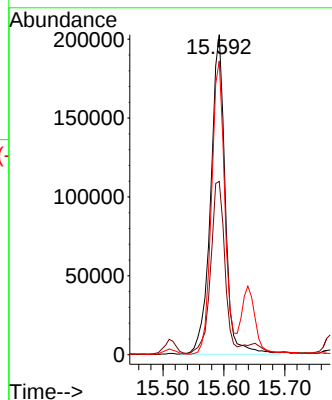
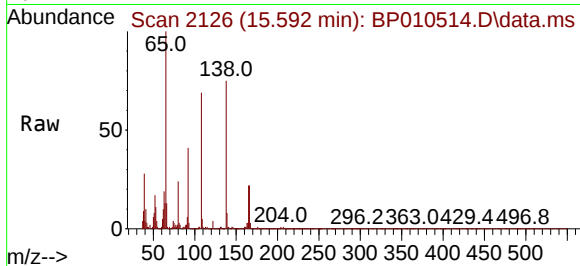




#63
4-Nitroaniline
Concen: 53.350 ng/ul
RT: 15.592 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

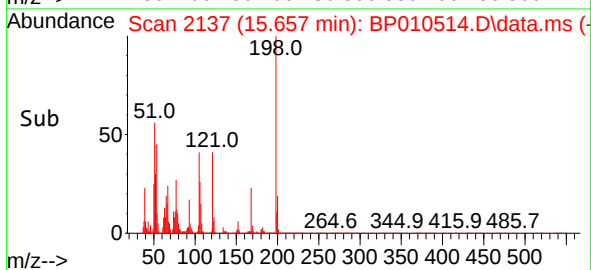
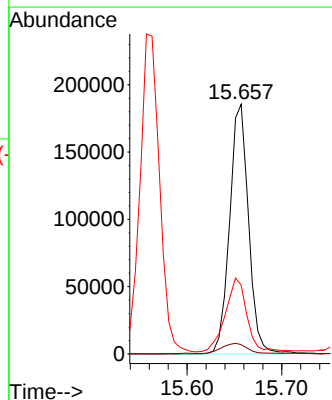
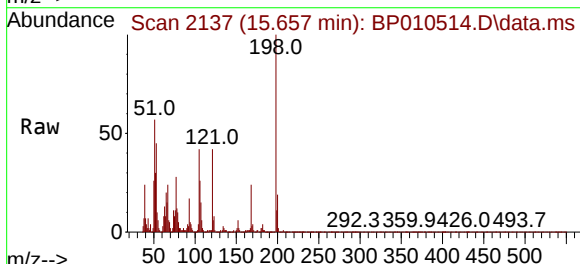
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

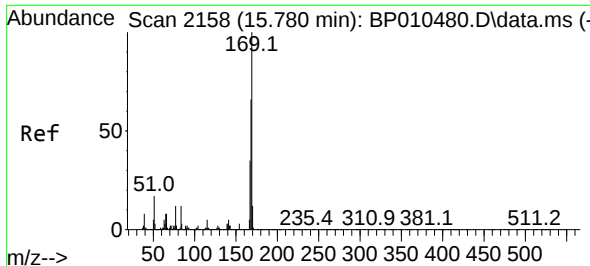
Tgt Ion:138 Resp: 337253
Ion Ratio Lower Upper
138 100
92 54.1 41.6 62.4
108 91.8 97.6 146.4#



#66
4,6-Dinitro-2-methylphenol
Concen: 42.966 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. 0.006 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:198 Resp: 257209
Ion Ratio Lower Upper
198 100
182 3.7 6.0 9.0#
77 27.6 17.7 26.5#

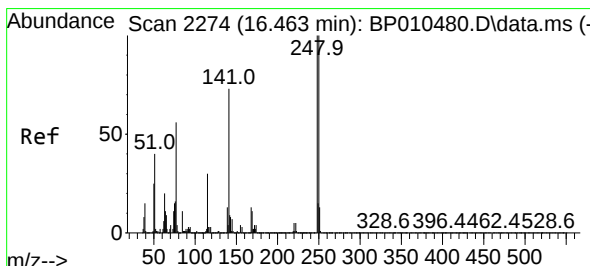
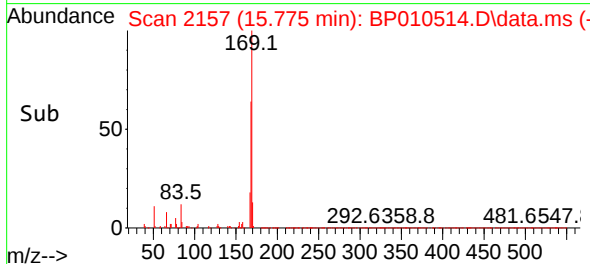
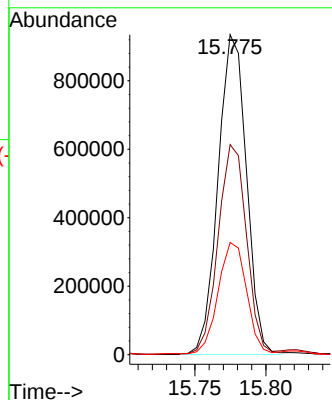
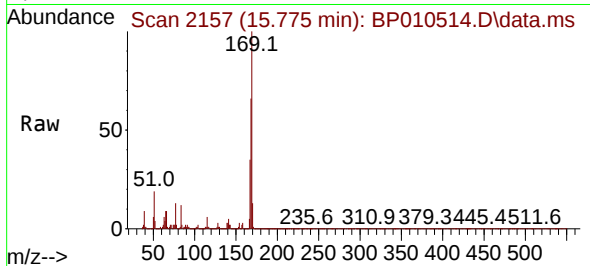




#67
N-Nitrosodiphenylamine
Concen: 45.126 ng/ul
RT: 15.775 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

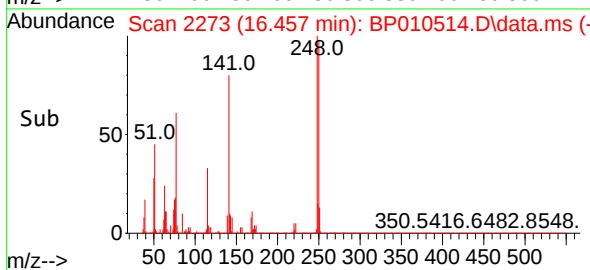
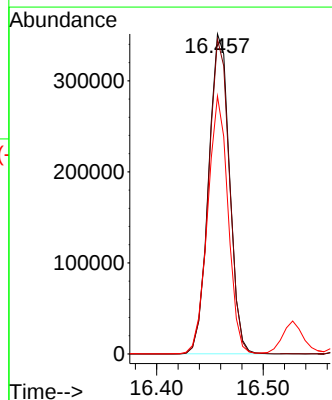
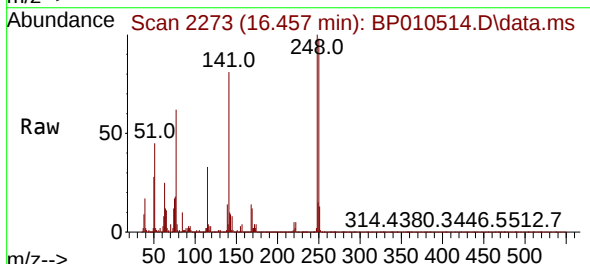
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

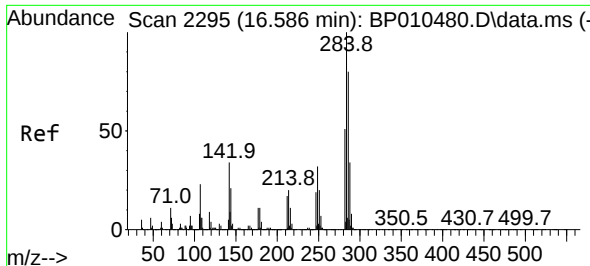
Tgt Ion:169 Resp: 1298947
Ion Ratio Lower Upper
169 100
168 65.6 48.3 72.5
167 35.1 29.6 44.4



#68
4-Bromophenyl-phenylether
Concen: 45.375 ng/ul
RT: 16.457 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:248 Resp: 479640
Ion Ratio Lower Upper
248 100
250 98.4 79.4 119.0
141 80.6 67.2 100.8

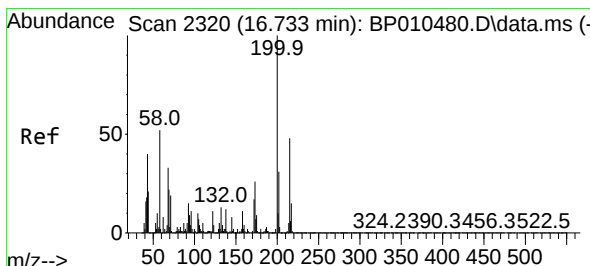
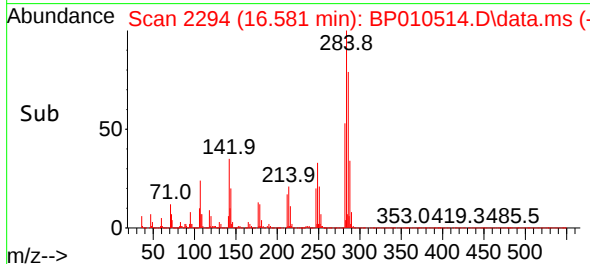
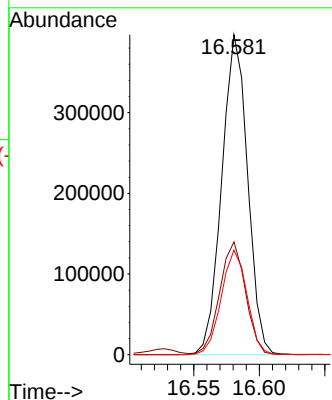
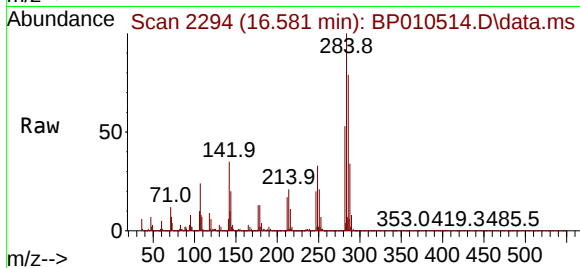




#69
Hexachlorobenzene
Concen: 44.656 ng/ul
RT: 16.581 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

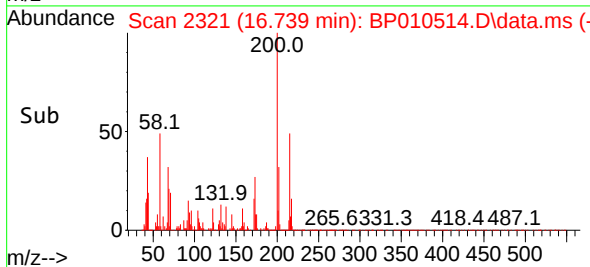
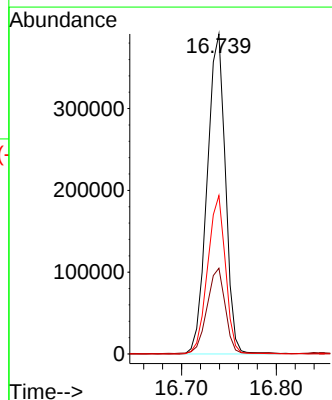
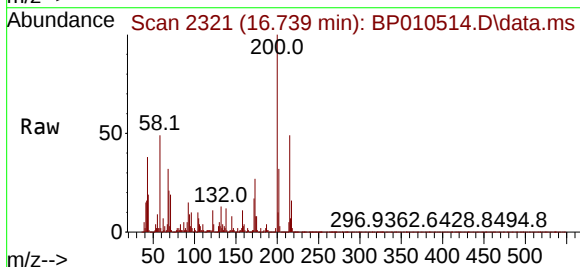
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

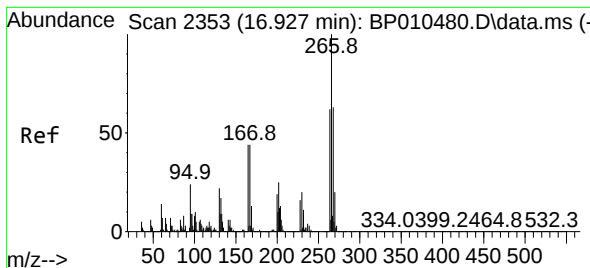
Tgt Ion:284 Resp: 542964
Ion Ratio Lower Upper
284 100
142 35.3 19.2 28.8#
249 32.7 27.4 41.2



#70
Atrazine
Concen: 45.179 ng/ul
RT: 16.739 min Scan# 2321
Delta R.T. 0.006 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:200 Resp: 520976
Ion Ratio Lower Upper
200 100
173 26.8 19.2 28.8
215 49.5 32.2 48.4#





#71

Pentachlorophenol

Concen: 44.476 ng/ul

RT: 16.928 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

Instrument :

BNA_P

ClientSampleId :

DBTD4MS

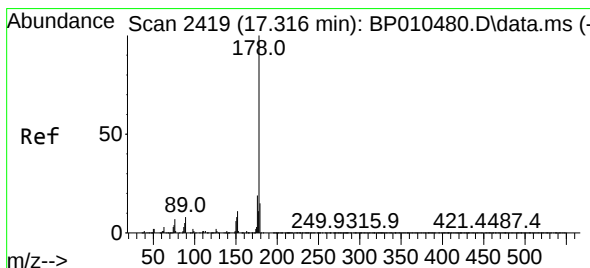
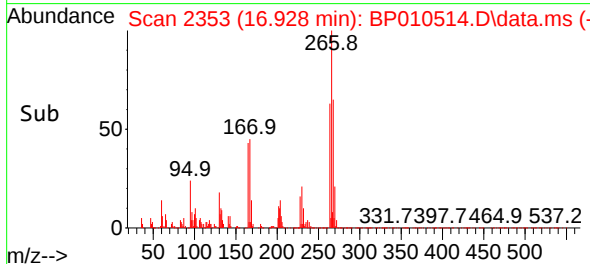
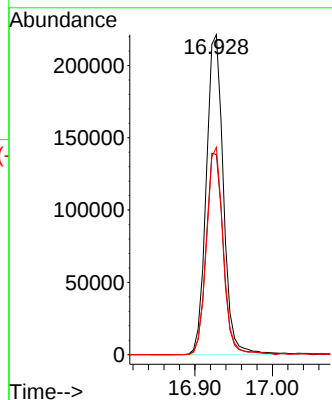
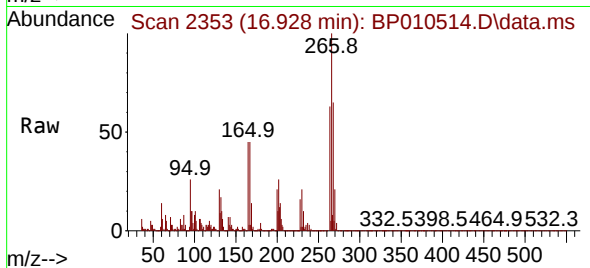
Tgt Ion:266 Resp: 339314

Ion Ratio Lower Upper

266 100

264 62.6 57.3 85.9

268 64.8 65.7 98.5#



#72

Phenanthrene

Concen: 46.453 ng/ul

RT: 17.316 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

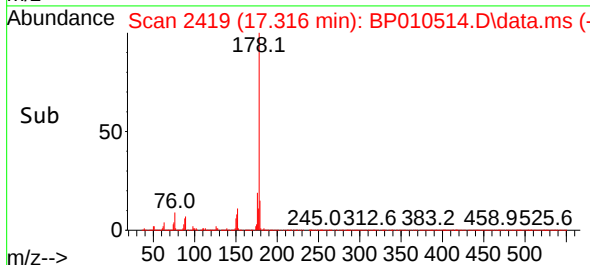
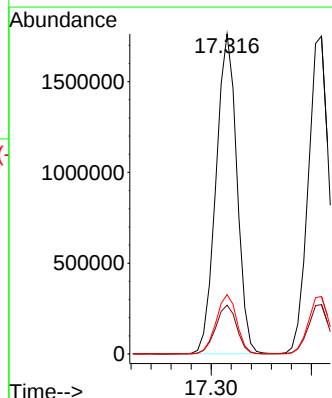
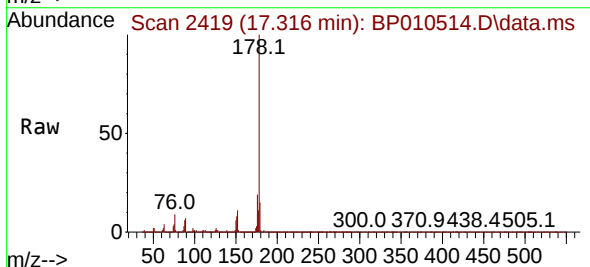
Tgt Ion:178 Resp: 2544571

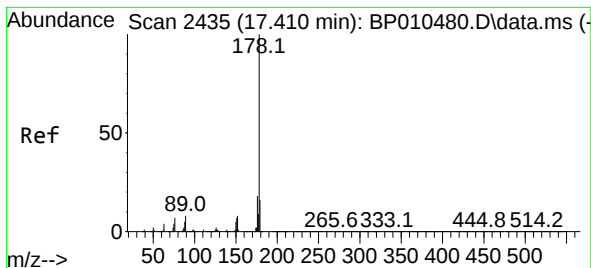
Ion Ratio Lower Upper

178 100

179 15.2 11.7 17.5

176 18.6 14.5 21.7





#74

Anthracene

Concen: 45.450 ng/u1

RT: 17.410 min Scan# 2435

Delta R.T. 0.006 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

Instrument :

BNA_P

ClientSampleId :

DBTD4MS

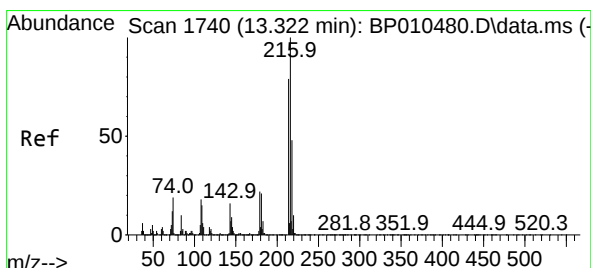
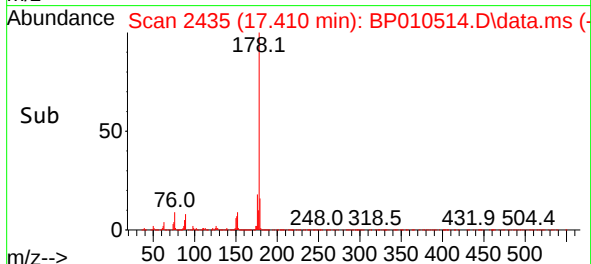
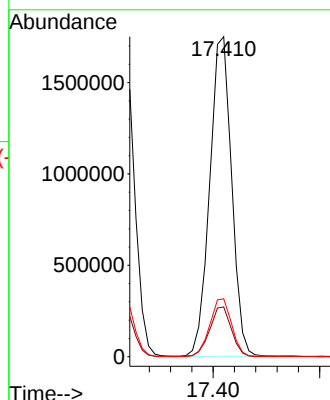
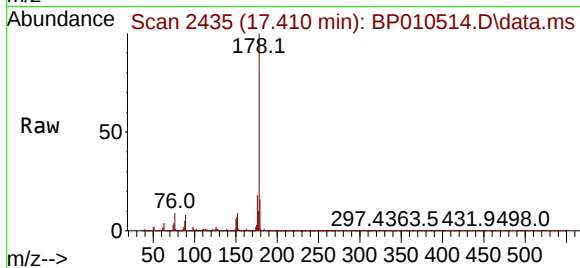
Tgt Ion:178 Resp: 2497544

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 18.1 13.4 20.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 38.241 ng/uL

RT: 13.322 min Scan# 1740

Delta R.T. -0.000 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

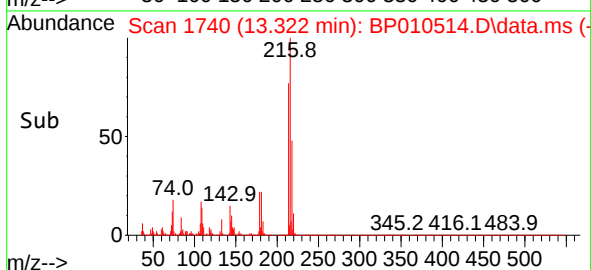
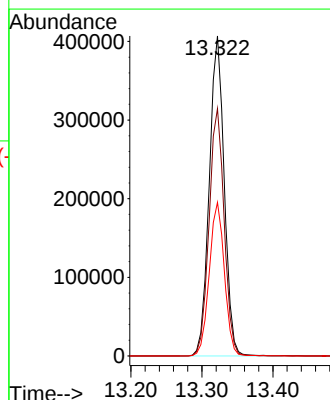
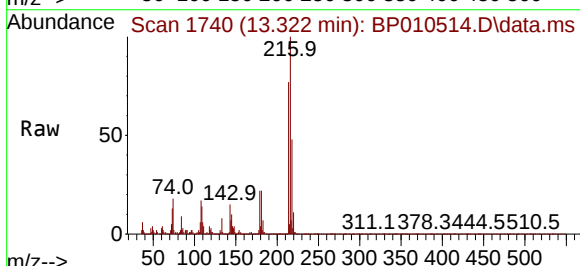
Tgt Ion:216 Resp: 596517

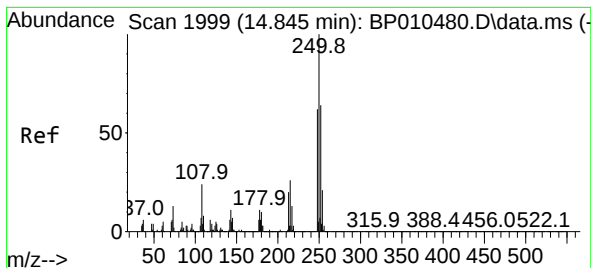
Ion Ratio Lower Upper

216 100

214 77.3 50.4 75.6#

218 48.0 35.2 52.8





#76

Pentachlorobenzene

Concen: 42.055 ng/uL

RT: 14.845 min Scan# 1999

Delta R.T. -0.000 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

Instrument :

BNA_P

ClientSampleId :

DBTD4MS

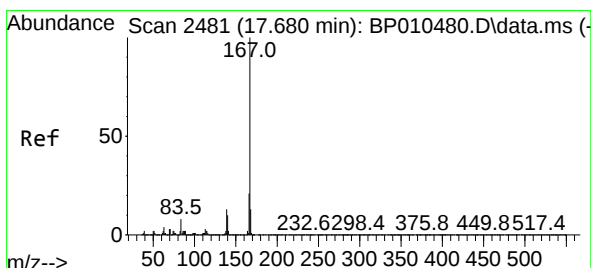
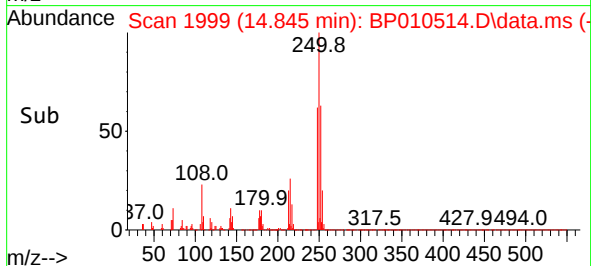
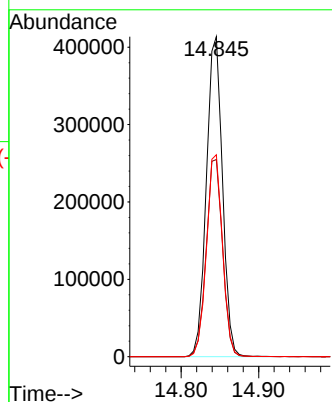
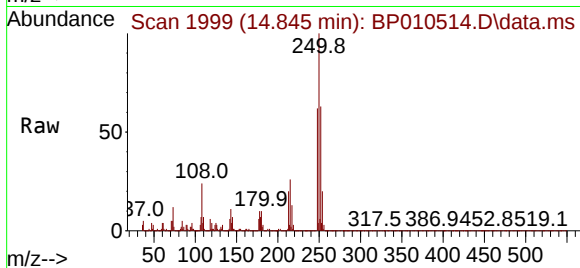
Tgt Ion:250 Resp: 595197

Ion Ratio Lower Upper

250 100

248 61.6 43.5 65.3

252 63.1 46.5 69.7



#77

Carbazole

Concen: 82.748 ng/uL

RT: 17.681 min Scan# 2481

Delta R.T. 0.006 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

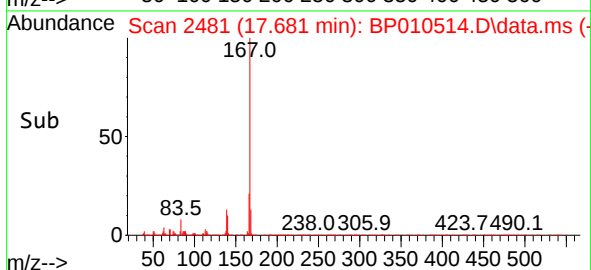
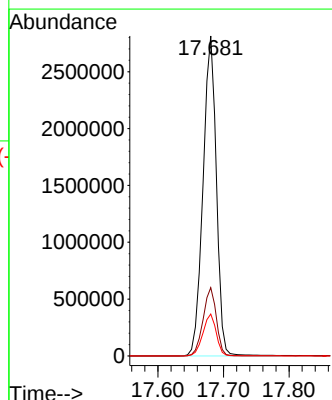
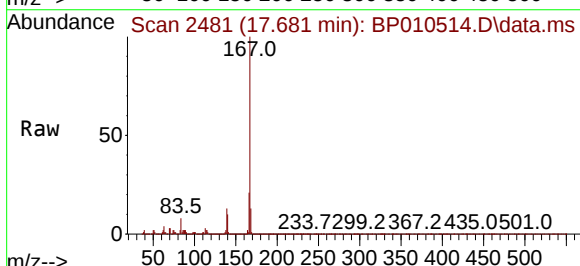
Tgt Ion:167 Resp: 3996251

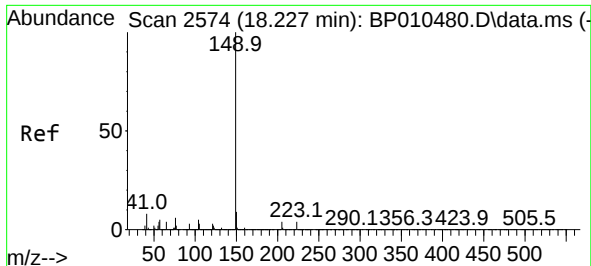
Ion Ratio Lower Upper

167 100

166 21.4 15.8 23.8

139 13.1 8.3 12.5

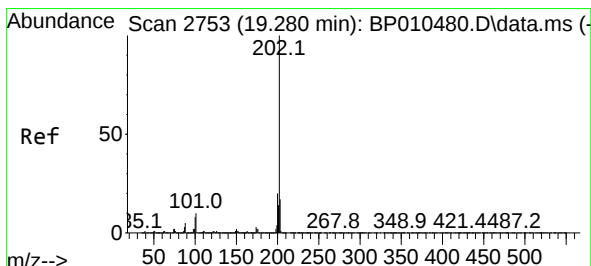
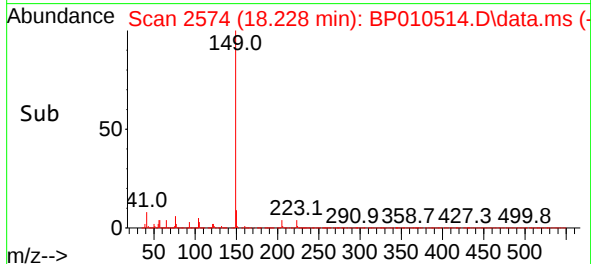
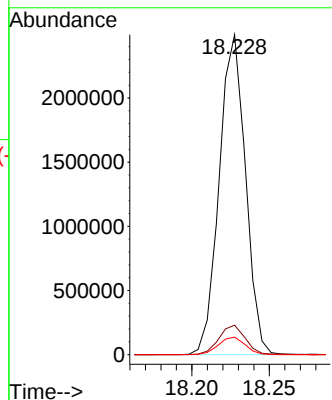
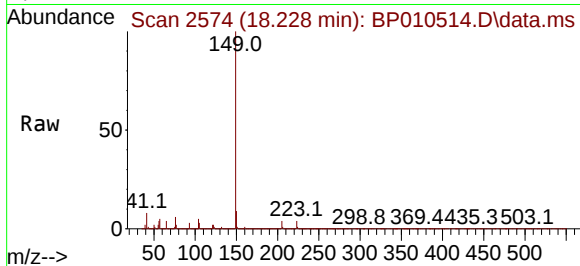




#78
Di-n-butylphthalate
Concen: 50.007 ng/ul
RT: 18.228 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

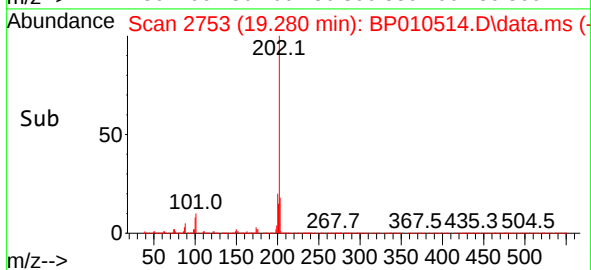
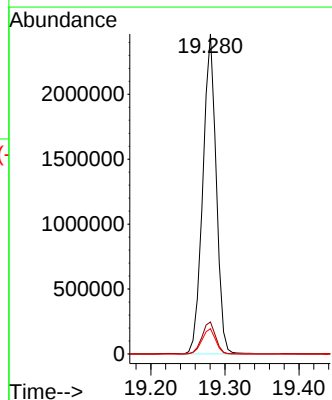
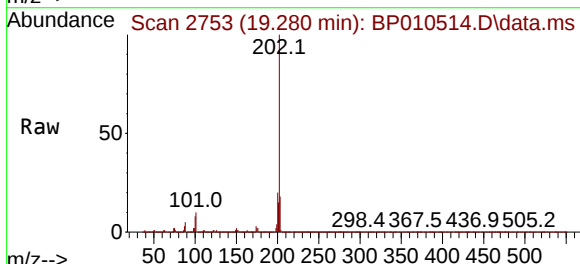
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

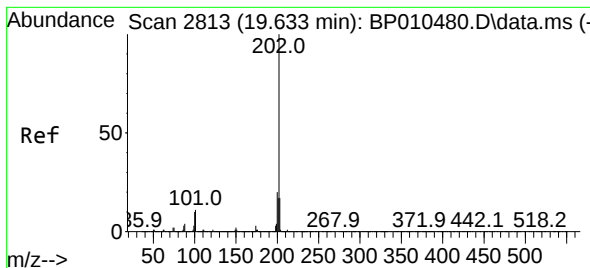
Tgt Ion:149 Resp: 2941382
Ion Ratio Lower Upper
149 100
150 9.2 9.6 14.4#
104 5.5 6.2 9.4#



#80
Fluoranthene
Concen: 52.397 ng/ul
RT: 19.280 min Scan# 2753
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:202 Resp: 3093837
Ion Ratio Lower Upper
202 100
101 10.0 9.6 14.4
100 7.9 6.3 9.5





#82

Pyrene

Concen: 50.639 ng/ul

RT: 19.633 min Scan# 2813

Delta R.T. 0.006 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

Instrument :

BNA_P

ClientSampleId :

DBTD4MS

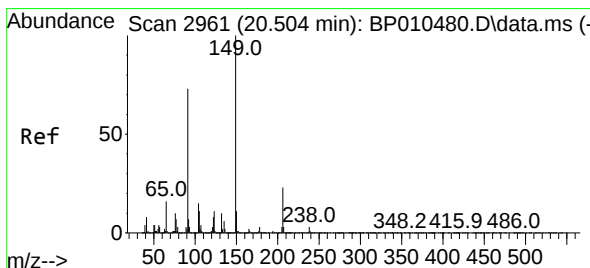
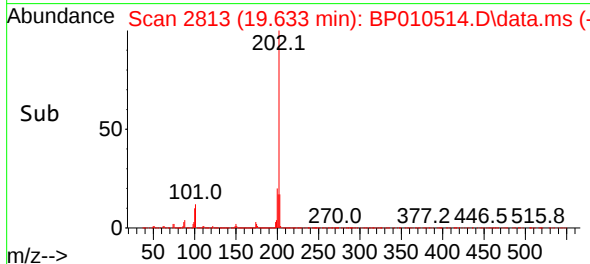
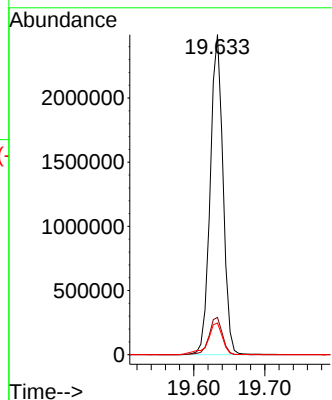
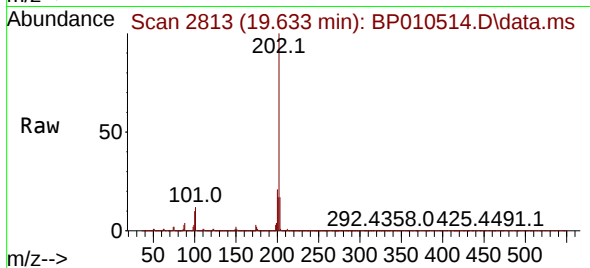
Tgt Ion:202 Resp: 3120299

Ion Ratio Lower Upper

202 100

101 11.7 10.6 15.8

100 9.9 9.8 14.6



#83

Butylbenzylphthalate

Concen: 56.549 ng/ul

RT: 20.498 min Scan# 2960

Delta R.T. 0.000 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

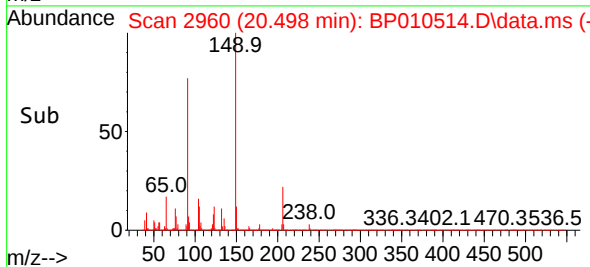
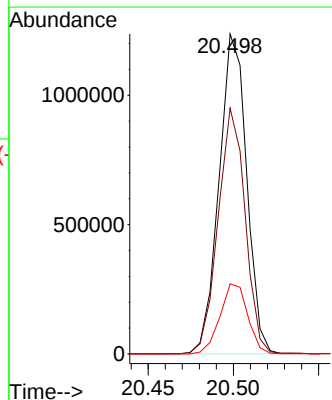
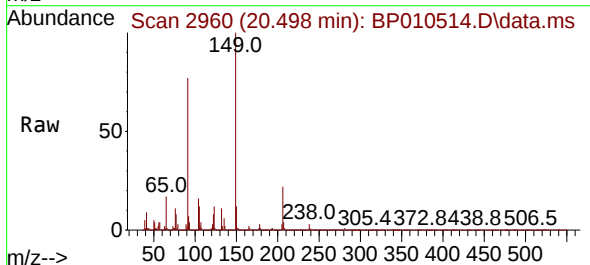
Tgt Ion:149 Resp: 1393342

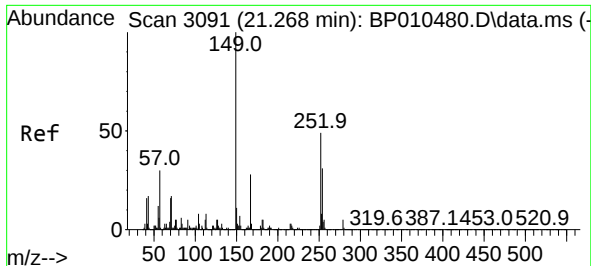
Ion Ratio Lower Upper

149 100

91 76.8 71.1 106.7

206 21.9 28.8 43.2#

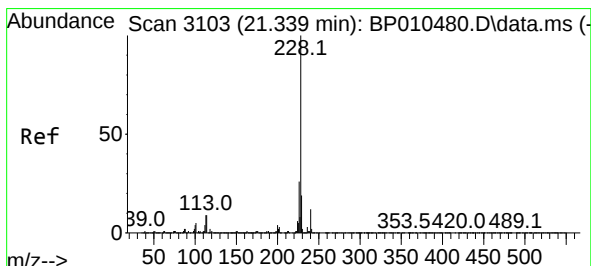
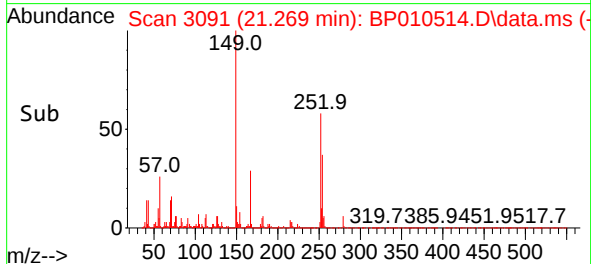
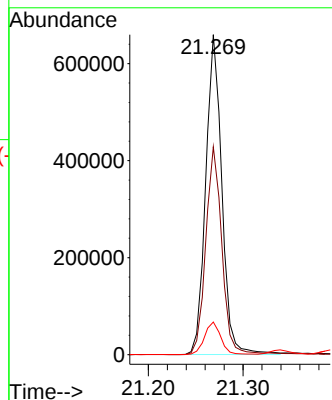
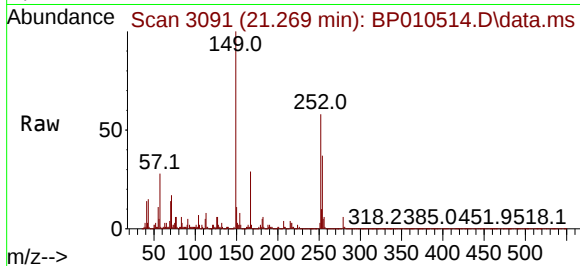




#84
3,3'-Dichlorobenzidine
Concen: 40.667 ng/ul
RT: 21.269 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

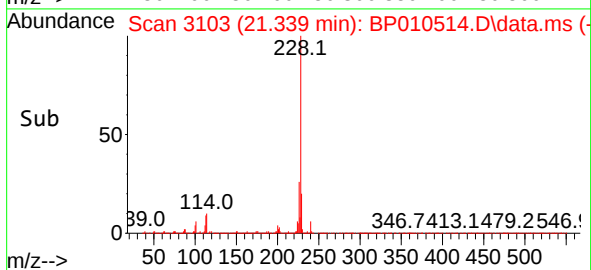
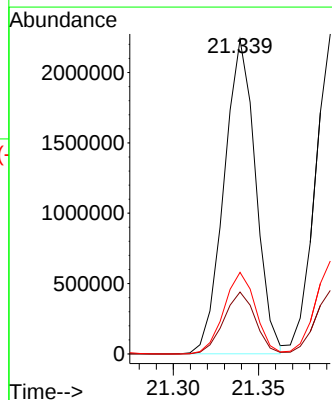
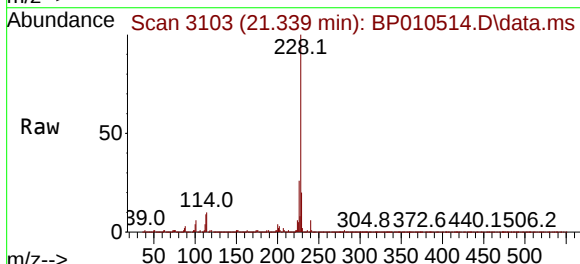
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

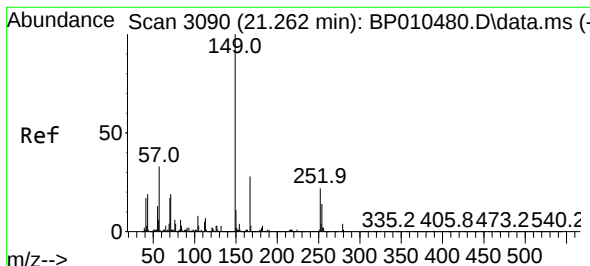
Tgt Ion:252 Resp: 782014
Ion Ratio Lower Upper
252 100
254 64.9 49.8 74.6
126 10.2 4.3 6.5#



#85
Benzo(a)anthracene
Concen: 48.166 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:228 Resp: 2881716
Ion Ratio Lower Upper
228 100
229 19.7 18.2 27.2
226 26.0 22.8 34.2

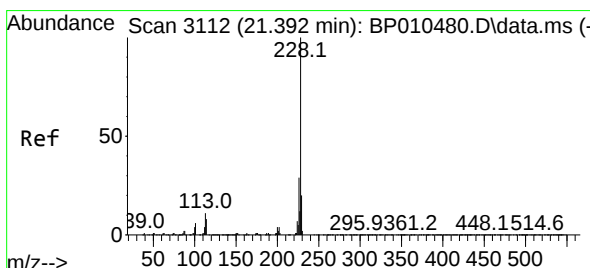
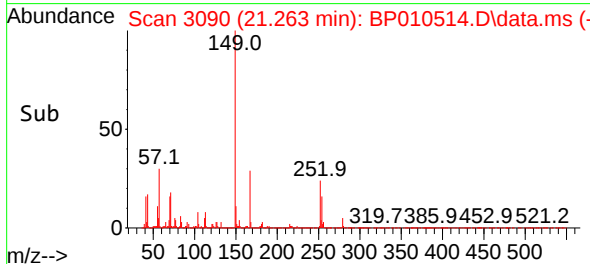
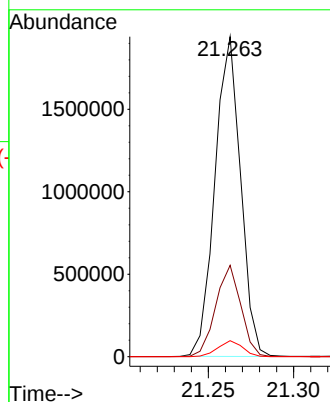
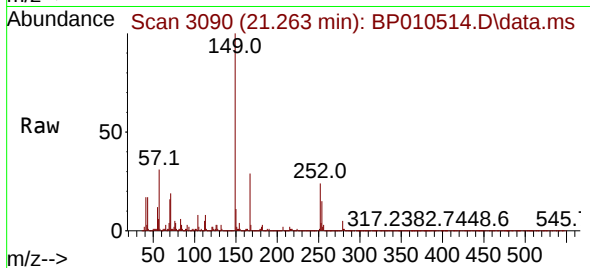




#86
Bis(2-ethylhexyl)phthalate
Concen: 56.064 ng/ul
RT: 21.263 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

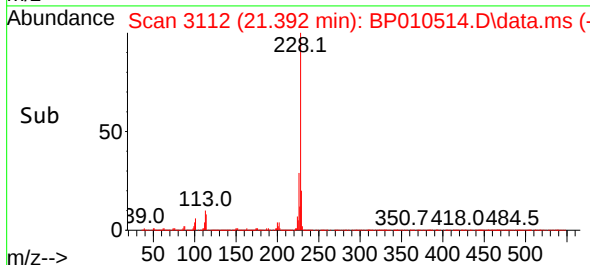
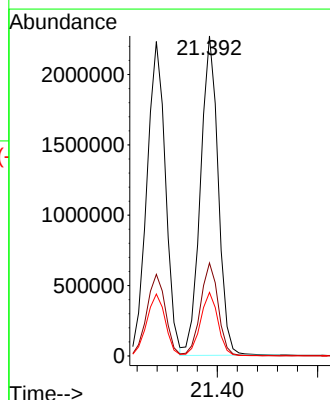
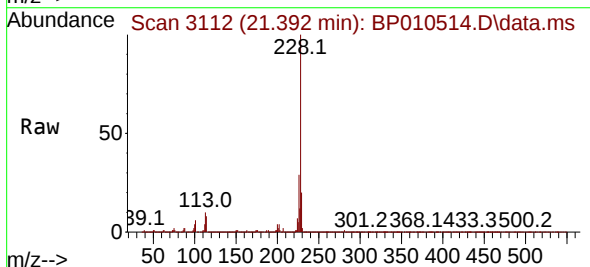
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

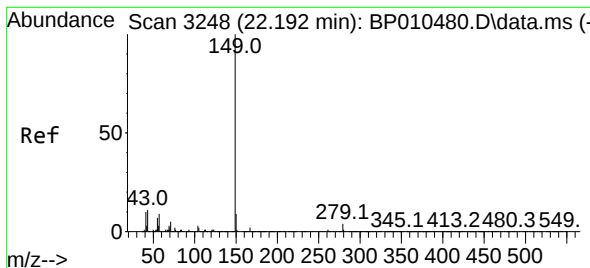
Tgt Ion:149 Resp: 2027117
Ion Ratio Lower Upper
149 100
167 28.6 32.8 49.2#
279 5.0 5.6 8.4#



#87
Chrysene
Concen: 47.428 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:228 Resp: 2791121
Ion Ratio Lower Upper
228 100
226 29.0 22.7 34.1
229 19.8 15.2 22.8





#89

Di-n-octyl phthalate

Concen: 60.880 ng/ul

RT: 22.192 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

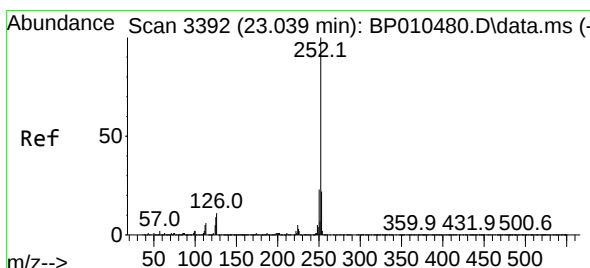
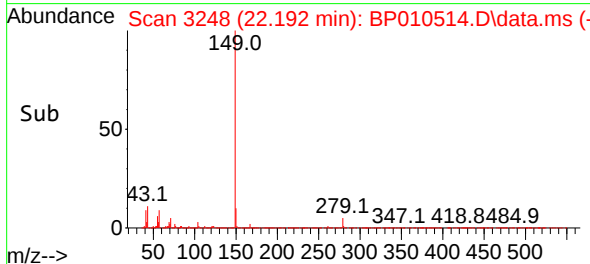
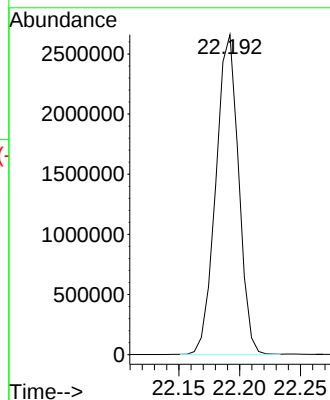
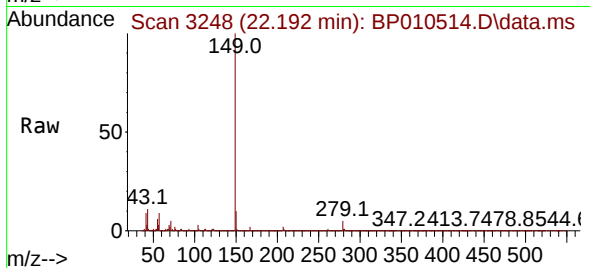
Instrument :

BNA_P

ClientSampleId :

DBTD4MS

Tgt Ion:149 Resp: 3457304



#90

Benzo(b)fluoranthene

Concen: 50.624 ng/ul

RT: 23.039 min Scan# 3392

Delta R.T. 0.006 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

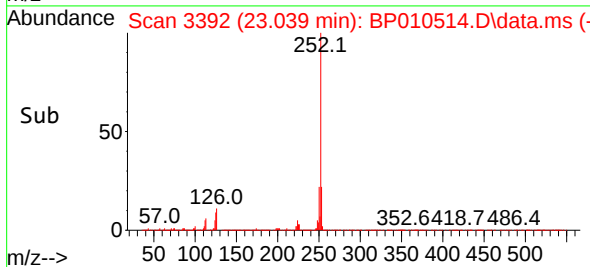
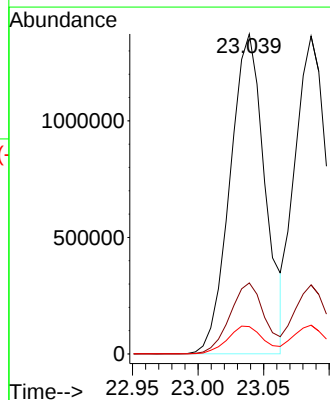
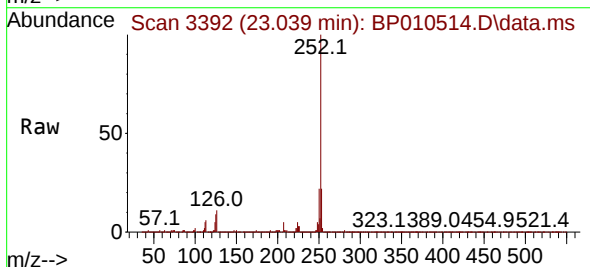
Tgt Ion:252 Resp: 2554295

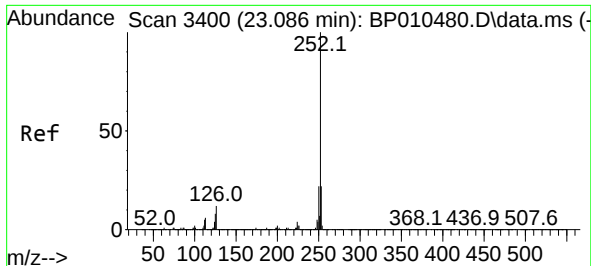
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 8.5 7.3 10.9

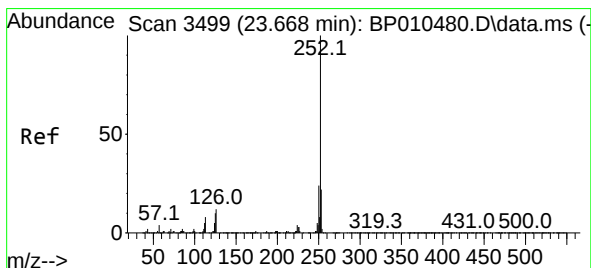
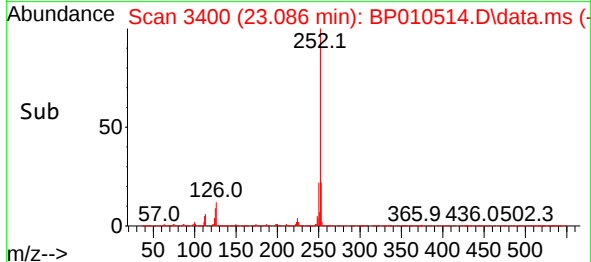
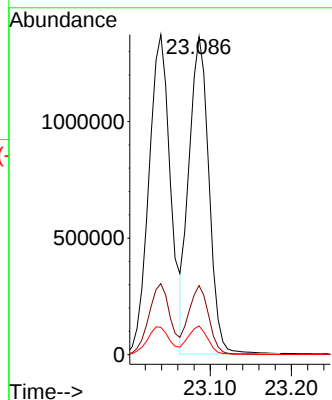
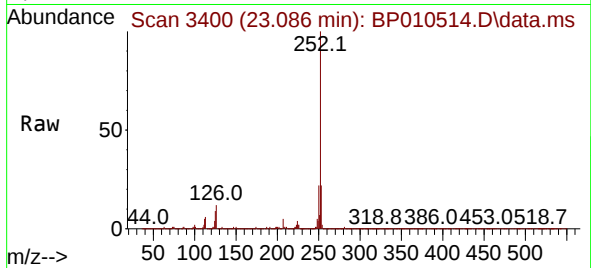




#91
Benzo(k)fluoranthene
Concen: 48.540 ng/ul
RT: 23.086 min Scan# 3400
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

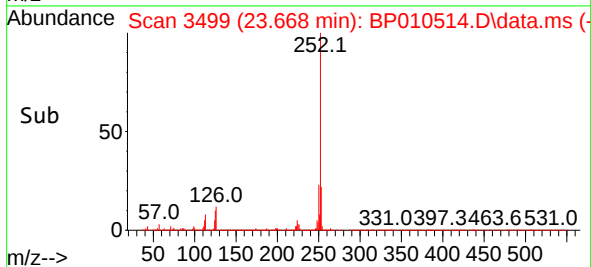
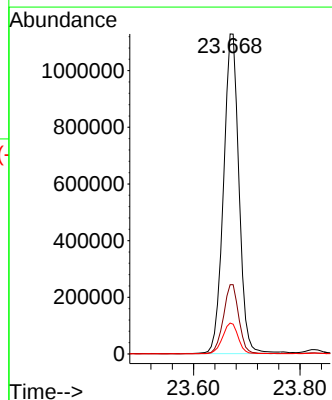
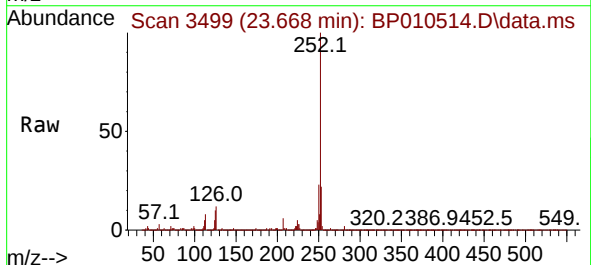
Instrument :
BNA_P
ClientSampleId :
DBTD4MS

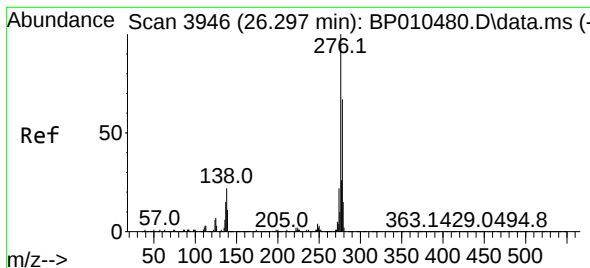
Tgt Ion:252 Resp: 2327726
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 9.1 5.1 7.7#



#93
Benzo(a)pyrene
Concen: 48.404 ng/ul
RT: 23.668 min Scan# 3499
Delta R.T. 0.000 min
Lab File: BP010514.D
Acq: 24 May 2022 14:02

Tgt Ion:252 Resp: 2269098
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.7 6.4 9.6#





#94

Indeno(1,2,3-cd)pyrene

Concen: 50.624 ng/ul

RT: 26.304 min Scan# 3946

Delta R.T. 0.012 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

Instrument :

BNA_P

ClientSampleId :

DBTD4MS

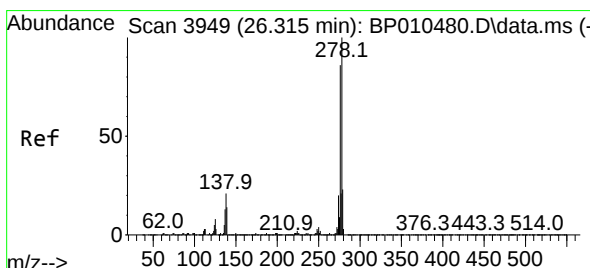
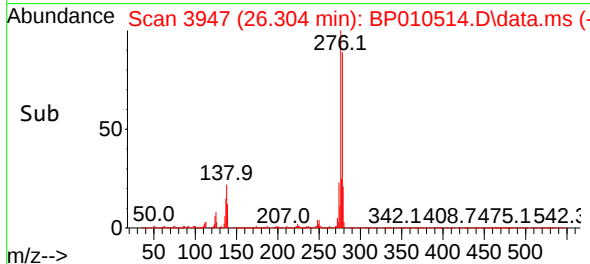
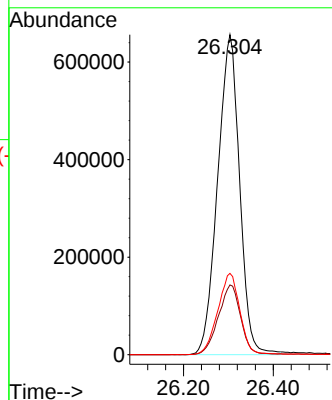
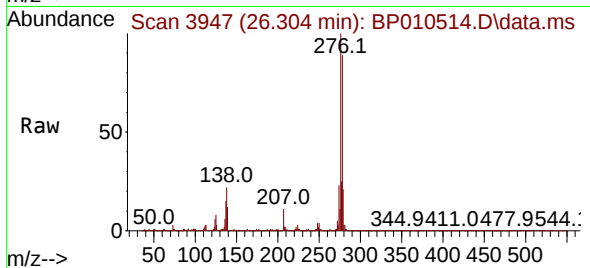
Tgt Ion:276 Resp: 2232589

Ion Ratio Lower Upper

276 100

138 21.8 12.3 18.5#

277 25.4 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 50.673 ng/ul

RT: 26.315 min Scan# 3949

Delta R.T. 0.006 min

Lab File: BP010514.D

Acq: 24 May 2022 14:02

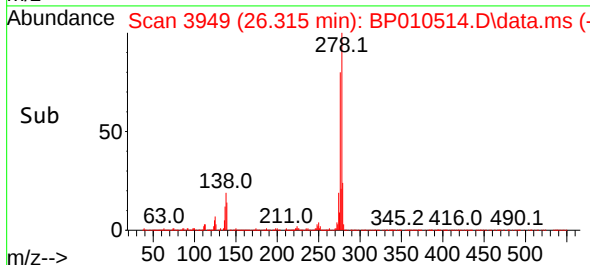
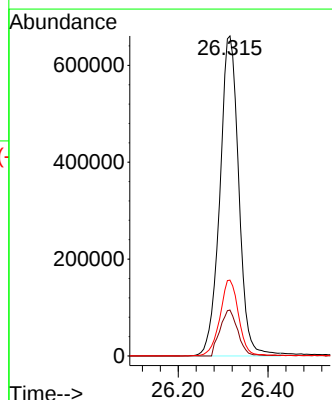
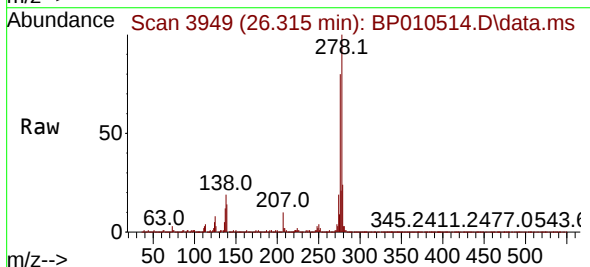
Tgt Ion:278 Resp: 1939132

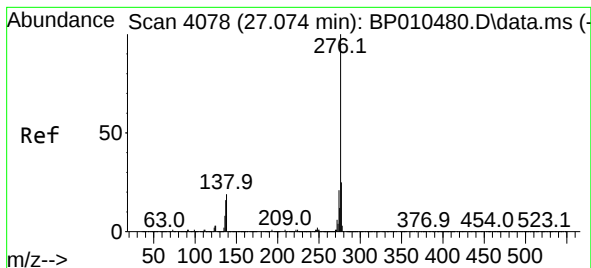
Ion Ratio Lower Upper

278 100

139 14.4 6.6 10.0#

279 23.7 18.4 27.6





#96

Benzo(g,h,i)perylene

Concen: 51.464 ng/ul

RT: 27.074 min Scan# 4078

Delta R.T. 0.006 min

Lab File: BP010514.D

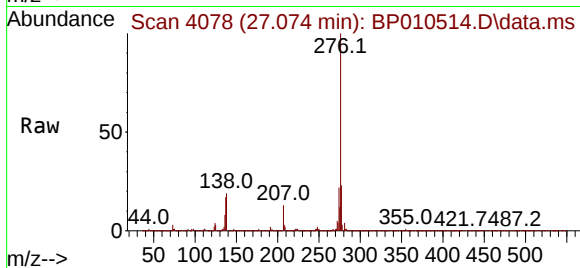
Acq: 24 May 2022 14:02

Instrument :

BNA_P

ClientSampleId :

DBTD4MS



Tgt Ion:276 Resp: 1895157

Ion Ratio Lower Upper

276 100

138 19.0 11.6 17.4#

277 23.3 15.9 23.9

