

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052223\
 Data File : BP015206.D
 Acq On : 22 May 2023 09:54
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020724

Quant Time: May 22 10:38:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	248470	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	1090937	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	695681	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1516542	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1054477	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1113130	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	53606	8.382	ng/uL	0.00
4) Pyridine-d5	3.869	84	378101	20.858	ng/u1	0.00
7) Phenol-d5	7.275	99	466423	20.218	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	280672	21.065	ng/u1	0.00
11) 2-Chlorophenol-d4	7.645	132	360597	21.259	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	379078	20.621	ng/u1	0.00
21) Nitrobenzene-d5	9.298	128	184516	21.524	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	209599	21.974	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	391847	22.766	ng/u1	0.00
31) 4-Chloroaniline-d4	11.086	131	538805	21.157	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1165905	22.178	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1310326	21.794	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	187087	18.328	ng/u1	0.00
60) Fluorene-d10	15.751	176	986965	22.250	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	165270	17.292	ng/u1	0.00
73) Anthracene-d10	17.616	188	1483550	21.363	ng/u1	0.00
81) Pyrene-d10	19.833	212	1529751	25.013	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1180311	21.360	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	58419	8.501	ng/uL	97
5) Pyridine	3.887	79	387265	20.542	ng/u1	95
6) Benzaldehyde	7.251	77	129323	20.395	ng/u1	99
8) Phenol	7.298	94	485396	20.519	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.534	93	392527	20.739	ng/u1	98
12) 2-Chlorophenol	7.681	128	377372	21.033	ng/u1	98
13) 2-Methylphenol	8.569	108	373450	20.426	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.657	45	501001	21.128	ng/u1	100
16) Acetophenone	8.957	105	609448	21.242	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.940	70	313665	20.846	ng/u1	97
18) 4-Methylphenol	8.898	108	412655	20.506	ng/u1	97
19) Hexachloroethane	9.216	117	155793	21.266	ng/u1	91
22) Nitrobenzene	9.340	77	466983	22.056	ng/u1	98
23) Isophorone	9.869	82	895414	20.575	ng/u1	99
25) 2-Nitrophenol	10.057	139	230582	22.045	ng/u1	92
26) 2,4-Dimethylphenol	10.110	107	462862	22.175	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.351	93	554861	20.955	ng/u1	98
29) 2,4-Dichlorophenol	10.592	162	390438	22.457	ng/u1	97
30) Naphthalene	11.004	128	1261409	21.268	ng/u1	99
32) 4-Chloroaniline	11.116	127	560038	21.397	ng/u1	99
33) Hexachlorobutadiene	11.281	225	253502	24.193	ng/u1	98
34) Caprolactam	11.892	113	101990	15.560	ng/u1	91
35) 4-Chloro-3-methylphenol	12.228	107	435061	22.162	ng/u1	99
36) 2-Methylnaphthalene	12.598	142	863689	21.612	ng/u1	100

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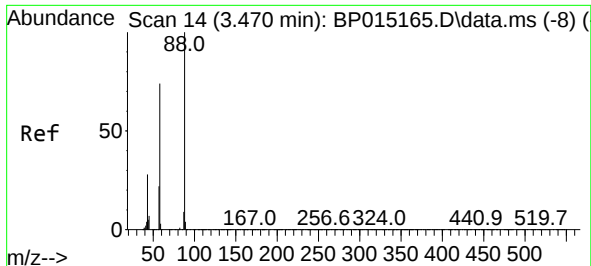
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	868984	21.654	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.963	216	486273	23.371	ng/ul	97
40) Hexachlorocyclopentadiene	12.939	237	196943	14.609	ng/ul	99
41) 2,4,6-Trichlorophenol	13.198	196	330310	22.482	ng/ul	99
42) 2,4,5-Trichlorophenol	13.275	196	357170	22.421	ng/ul	98
43) 1,1'-Biphenyl	13.598	154	1198103	22.197	ng/ul	98
44) 2-Chloronaphthalene	13.645	162	928463	22.026	ng/ul	98
45) 2-Nitroaniline	13.845	65	275632	22.853	ng/ul	91
47) Dimethylphthalate	14.210	163	1205970	22.028	ng/ul	100
48) 2,6-Dinitrotoluene	14.339	165	253787	23.398	ng/ul	97
50) Acenaphthylene	14.486	152	1449762	21.611	ng/ul	99
51) 3-Nitroaniline	14.669	138	180478	18.479	ng/ul	99
52) Acenaphthene	14.827	153	991347	21.636	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	108854	15.115	ng/ul	93
55) 4-Nitrophenol	14.969	109	160500	21.377	ng/ul	89
56) Dibenzofuran	15.157	168	1414194	22.191	ng/ul	99
57) 2,4-Dinitrotoluene	15.122	165	354338	22.576	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.380	232	303897	22.604	ng/ul	99
59) Diethylphthalate	15.569	149	1213074	22.216	ng/ul	100
61) Fluorene	15.810	166	1122120	21.910	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	567507	22.679	ng/ul	96
63) 4-Nitroaniline	15.827	138	140436	16.651	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.886	198	170041	17.239	ng/ul	100
67) N-Nitrosodiphenylamine	16.010	169	966505	21.674	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	358632	22.959	ng/ul	99
69) Hexachlorobenzene	16.816	284	421948	22.858	ng/ul	99
70) Atrazine	16.963	200	369183	22.399	ng/ul	100
71) Pentachlorophenol	17.163	266	224908	19.478	ng/ul	99
72) Phenanthrene	17.557	178	1782036	21.579	ng/ul	100
74) Anthracene	17.651	178	1777270	21.283	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	500863	23.294	ng/ul	100
76) Pentachlorobenzene	15.080	250	499778	23.149	ng/ul	98
77) Carbazole	17.916	167	1522447	20.791	ng/ul	100
78) Di-n-butylphthalate	18.445	149	2074013	21.994	ng/ul	100
80) Fluoranthene	19.510	202	1937464	25.992	ng/ul	97
82) Pyrene	19.862	202	1929626	25.068	ng/ul	96
83) Butylbenzylphthalate	20.715	149	841705	24.665	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	476878	20.592	ng/ul	99
85) Benzo(a)anthracene	21.574	228	1616268	22.168	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.468	149	1242914	25.299	ng/ul	99
87) Chrysene	21.627	228	1506244	21.611	ng/ul	97
89) Di-n-octyl phthalate	22.445	149	1883651	24.708	ng/ul	100
90) Benzo(b)fluoranthene	23.356	252	1544453	21.886	ng/ul	99
91) Benzo(k)fluoranthene	23.409	252	1488117	21.962	ng/ul	98
93) Benzo(a)pyrene	24.039	252	1328099	21.293	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.856	276	1731897	21.444	ng/ul	97
95) Dibenzo(a,h)anthracene	26.874	278	1420109	21.421	ng/ul	99
96) Benzo(g,h,i)perylene	27.691	276	1439045	21.851	ng/ul	98

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

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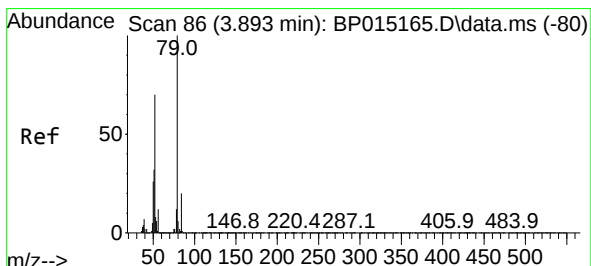
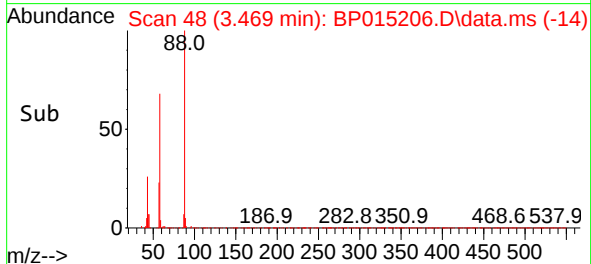
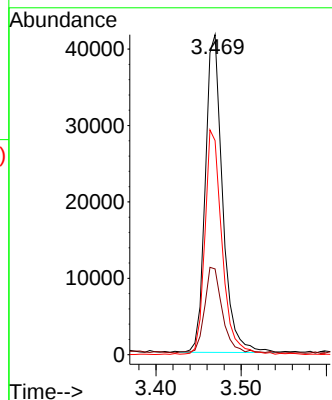
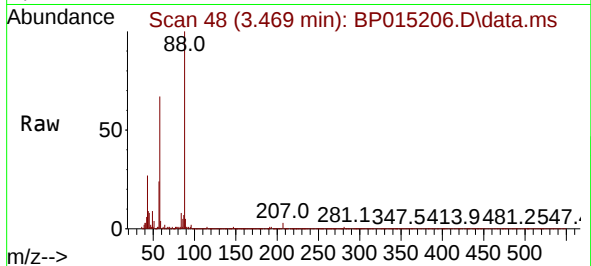




#2
1,4-Dioxane
Concen: 8.501 ng/uL
RT: 3.469 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP015206.D
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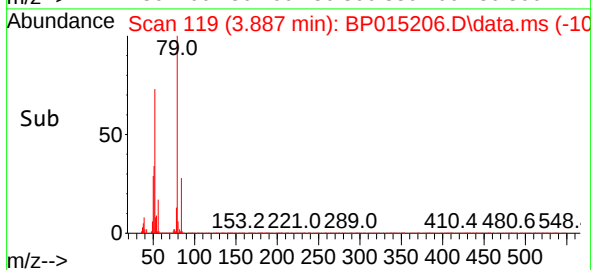
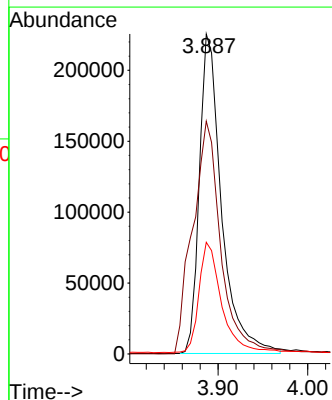
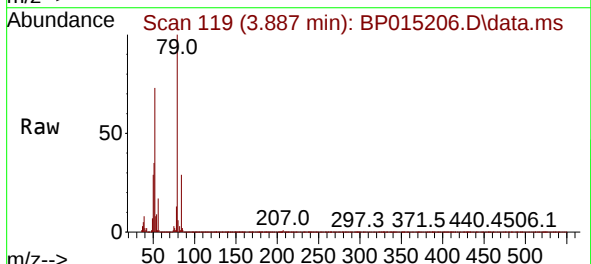
Instrument :
BNA_P
ClientSampleId :
SSTD020724

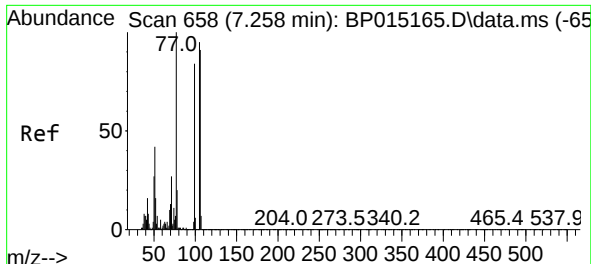
Tgt Ion: 88 Resp: 58419
Ion Ratio Lower Upper
88 100
43 26.8 20.4 30.6
58 66.9 55.4 83.2



#5
Pyridine
Concen: 20.542 ng/uL
RT: 3.887 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion: 79 Resp: 387265
Ion Ratio Lower Upper
79 100
52 72.7 55.4 83.2
51 34.9 25.4 38.2

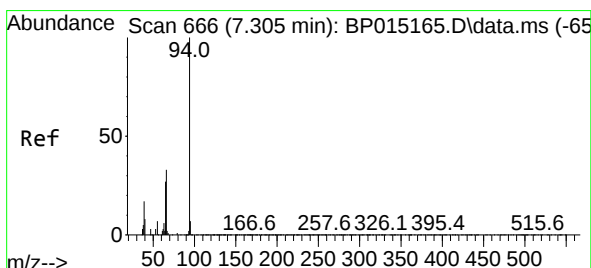
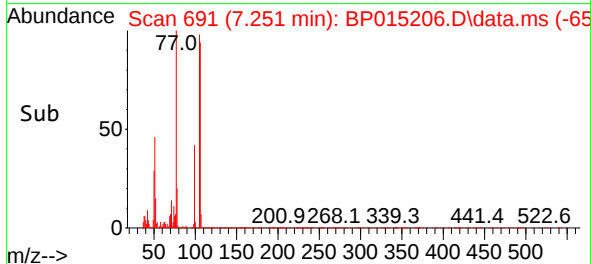
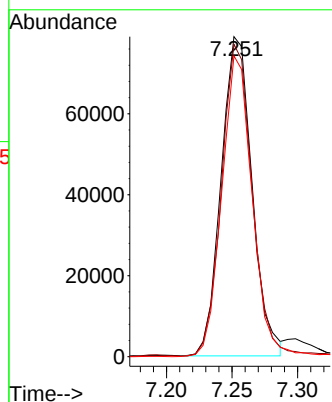
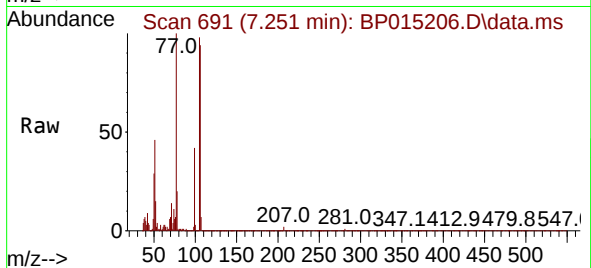




#6
Benzaldehyde
Concen: 20.395 ng/ul
RT: 7.251 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

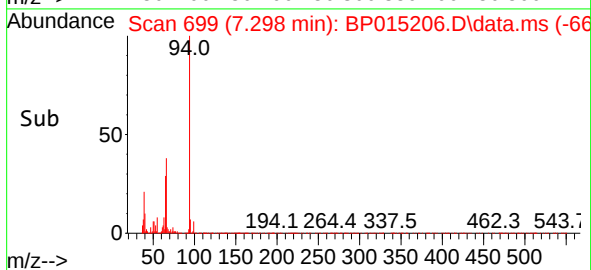
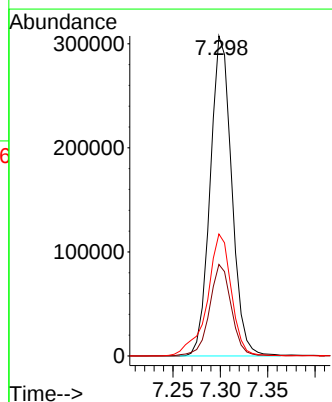
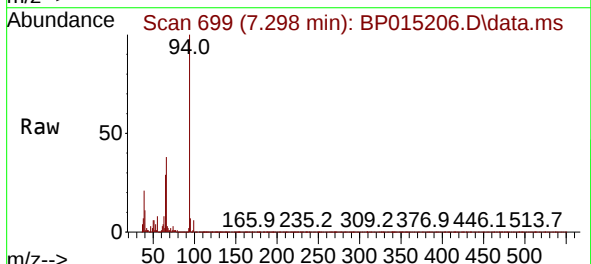
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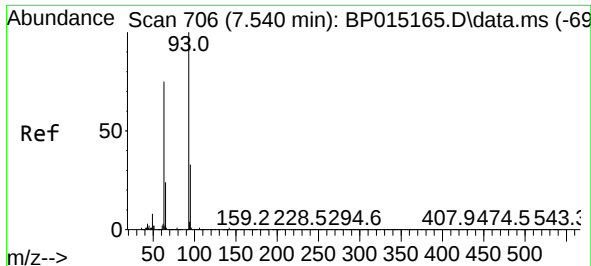
Tgt Ion: 77 Resp: 129323
Ion Ratio Lower Upper
77 100
105 97.6 76.9 115.3
106 94.0 75.0 112.6



#8
Phenol
Concen: 20.519 ng/ul
RT: 7.298 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion: 94 Resp: 485396
Ion Ratio Lower Upper
94 100
65 28.6 20.6 31.0
66 38.1 26.1 39.1

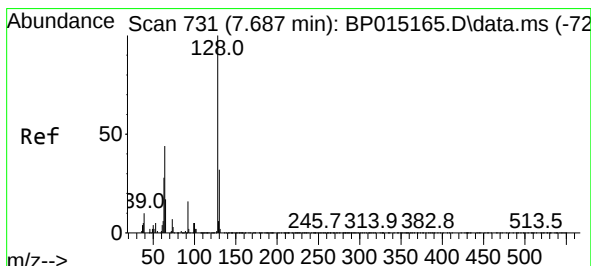
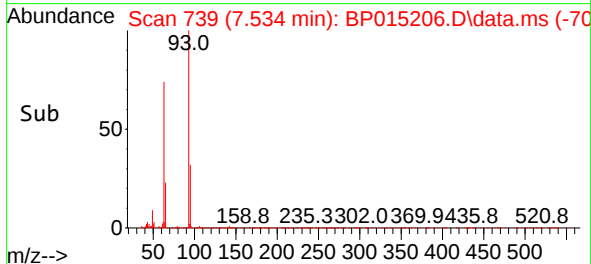
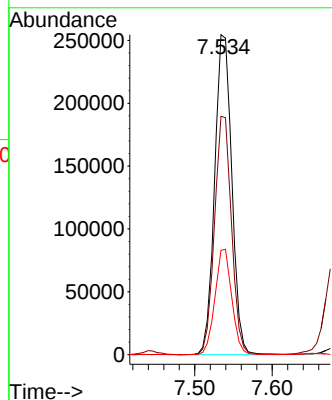
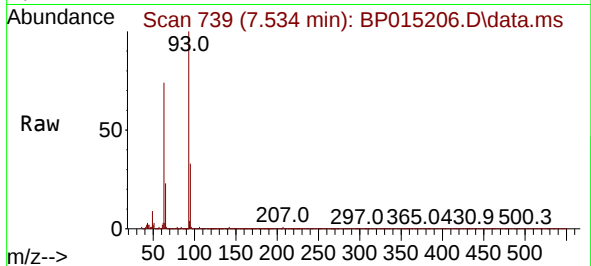




#10
Bis(2-Chloroethyl)ether
Concen: 20.739 ng/ul
RT: 7.534 min Scan# 710
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

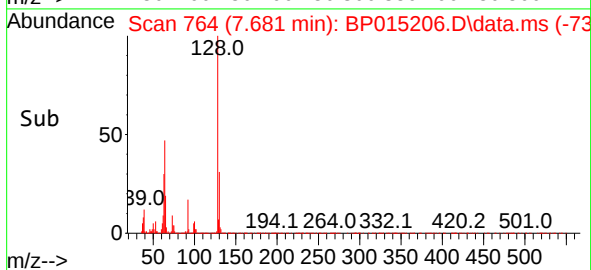
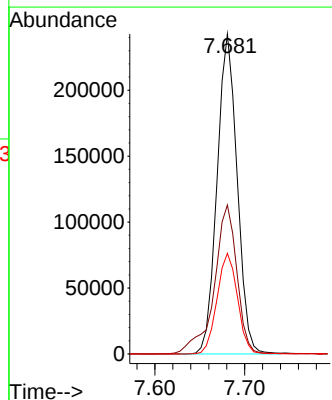
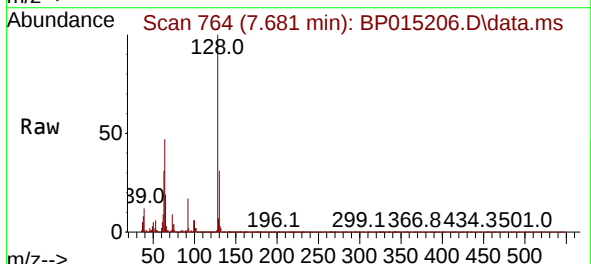
Instrument :
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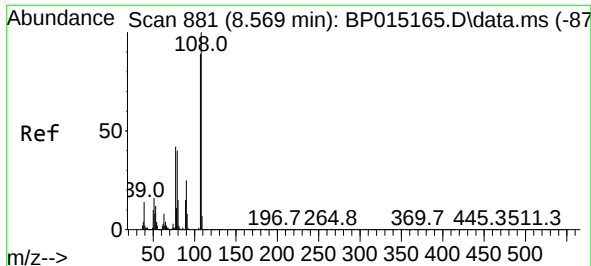
Tgt Ion: 93 Resp: 392527
Ion Ratio Lower Upper
93 100
63 74.5 58.0 87.0
95 32.6 26.4 39.6



#12
2-Chlorophenol
Concen: 21.033 ng/ul
RT: 7.681 min Scan# 764
Delta R.T. -0.006 min
Lab File: BP015206.D
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Tgt Ion:128 Resp: 377372
Ion Ratio Lower Upper
128 100
64 46.5 36.2 54.2
130 31.5 26.3 39.5

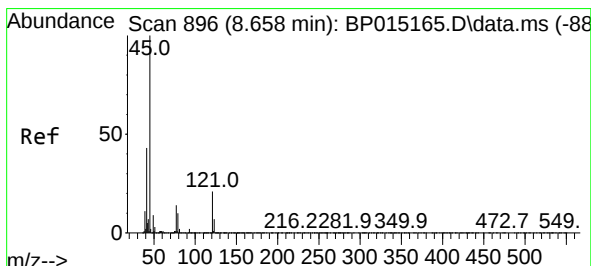
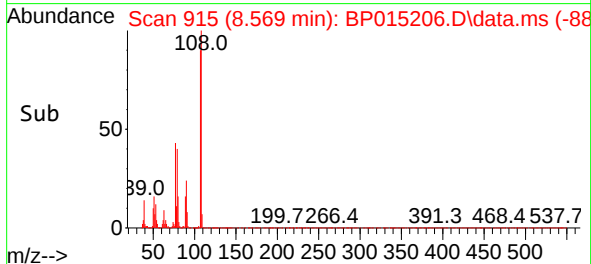
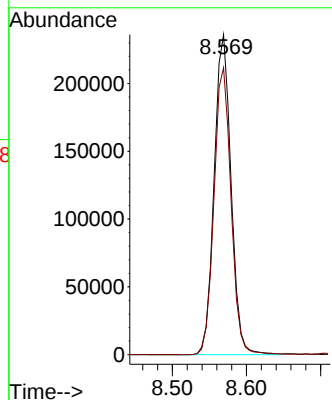
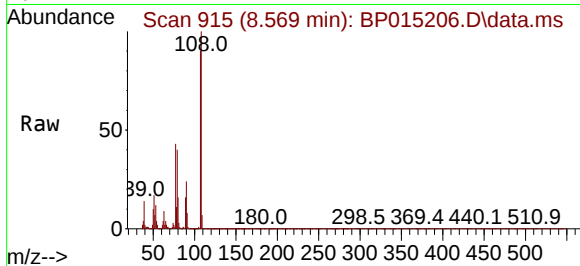




#13
2-Methylphenol
Concen: 20.426 ng/ul
RT: 8.569 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

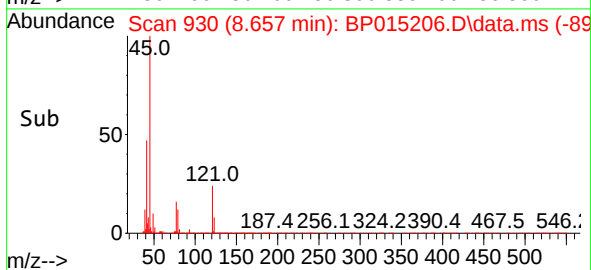
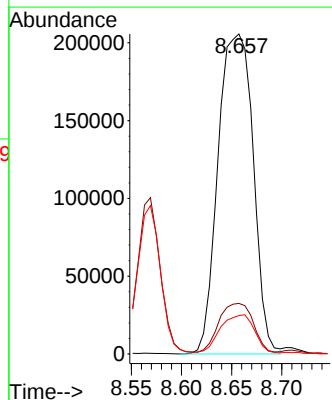
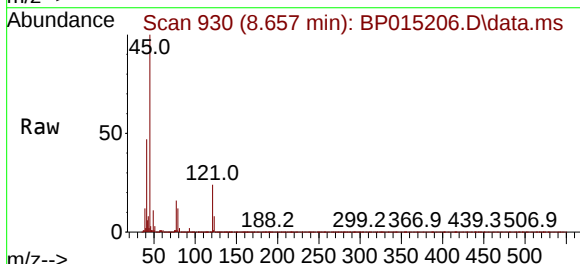
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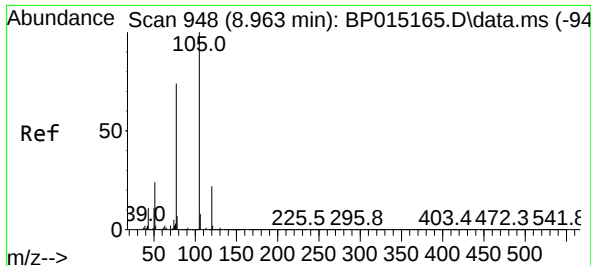
Tgt Ion:108 Resp: 373450
Ion Ratio Lower Upper
108 100
107 89.7 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.128 ng/ul
RT: 8.657 min Scan# 930
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion: 45 Resp: 501001
Ion Ratio Lower Upper
45 100
77 15.8 12.8 19.2
79 12.0 9.5 14.3

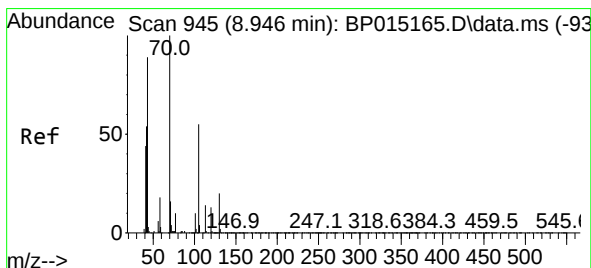
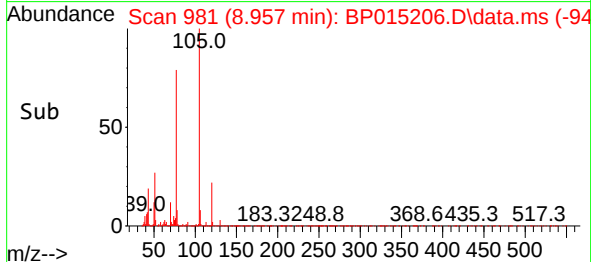
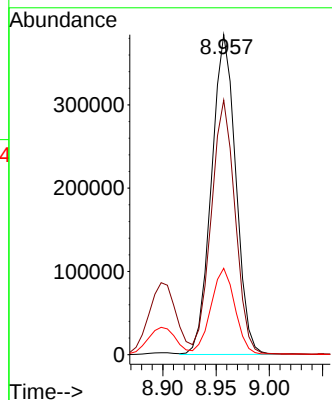
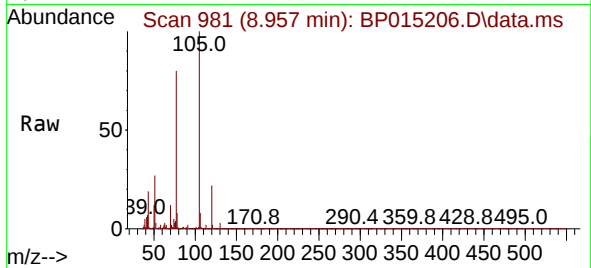




#16
Acetophenone
Concen: 21.242 ng/ul
RT: 8.957 min Scan# 91
Delta R.T. -0.006 min
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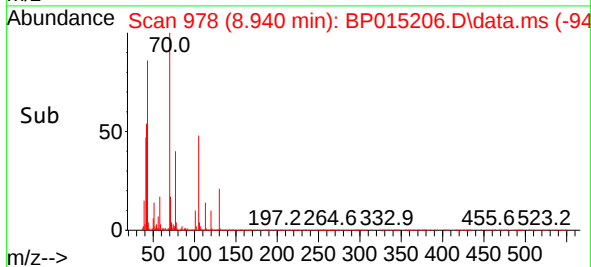
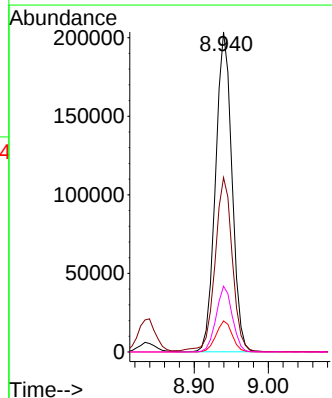
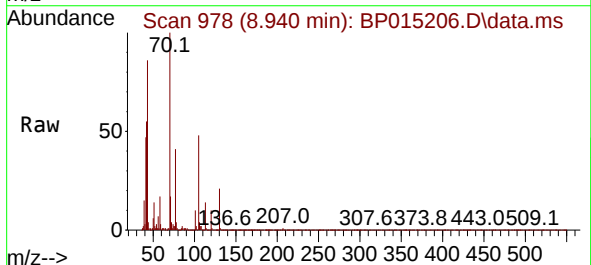
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ClientSampleId :
SSTD020724

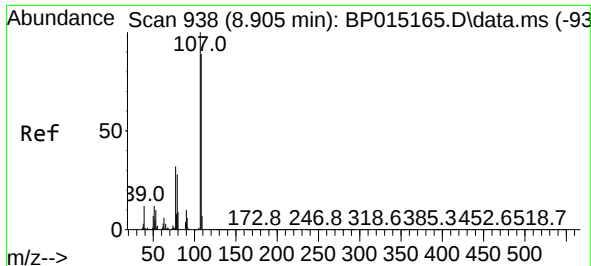
Tgt Ion:105 Resp: 609448
Ion Ratio Lower Upper
105 100
77 79.6 59.4 89.2
51 27.0 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 20.846 ng/ul
RT: 8.940 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion: 70 Resp: 313665
Ion Ratio Lower Upper
70 100
42 54.5 41.0 61.6
101 9.7 7.9 11.9
130 20.5 16.1 24.1

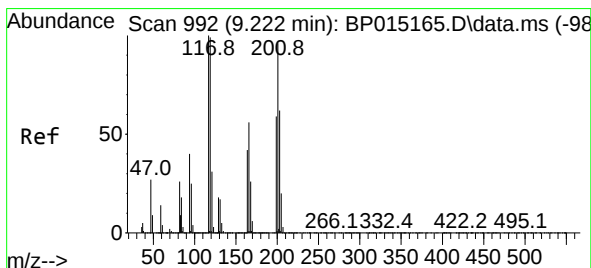
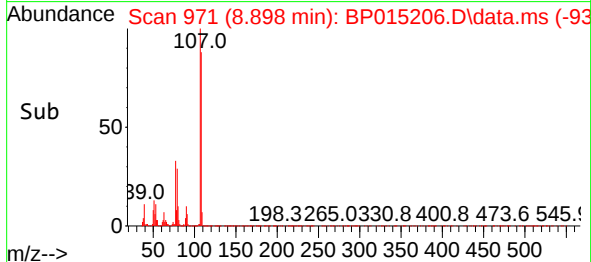
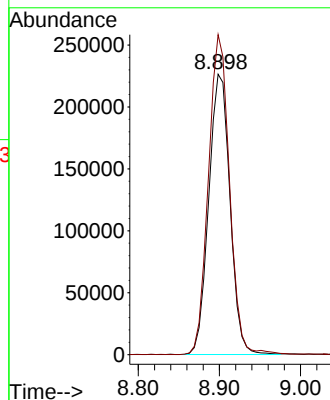
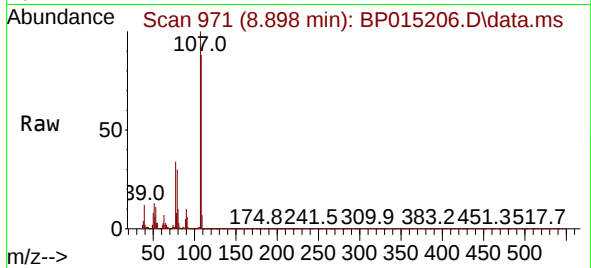




#18
4-Methylphenol
Concen: 20.506 ng/ul
RT: 8.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

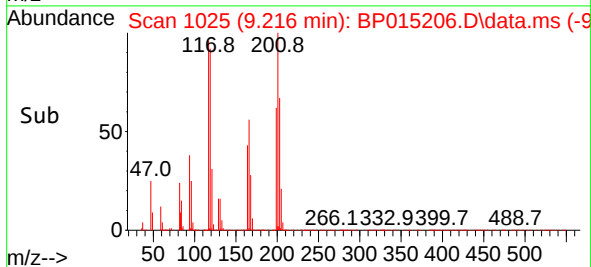
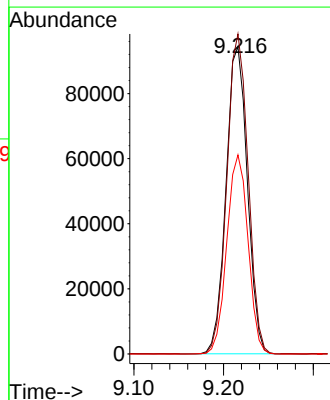
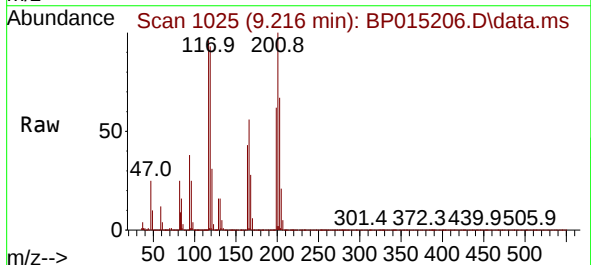
Instrument :
BNA_P
ClientSampleId :
SSTD020724

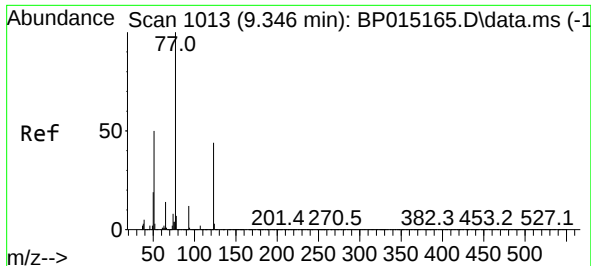
Tgt Ion:108 Resp: 412655
Ion Ratio Lower Upper
108 100
107 114.1 88.5 132.7



#19
Hexachloroethane
Concen: 21.266 ng/ul
RT: 9.216 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion:117 Resp: 155793
Ion Ratio Lower Upper
117 100
201 104.1 75.8 113.8
199 64.8 46.5 69.7

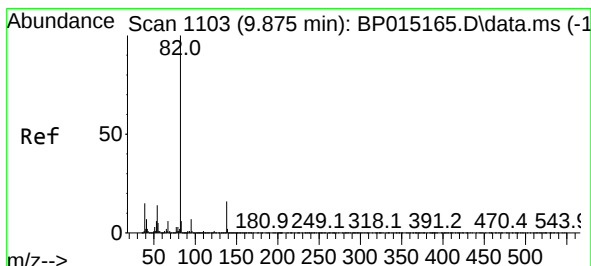
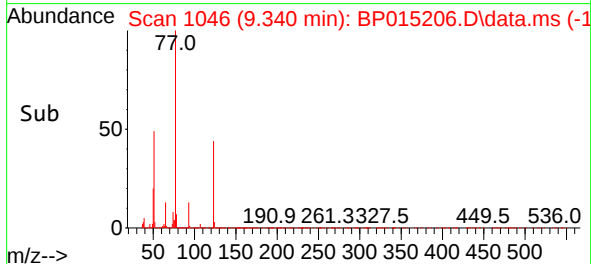
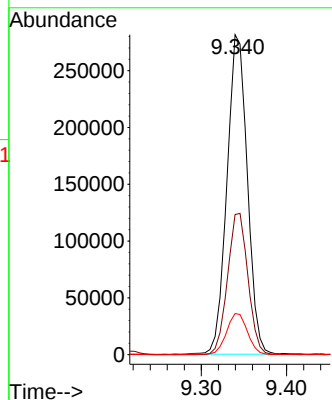
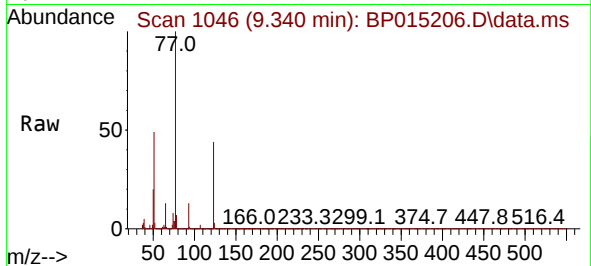




#22
Nitrobenzene
Concen: 22.056 ng/ul
RT: 9.340 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

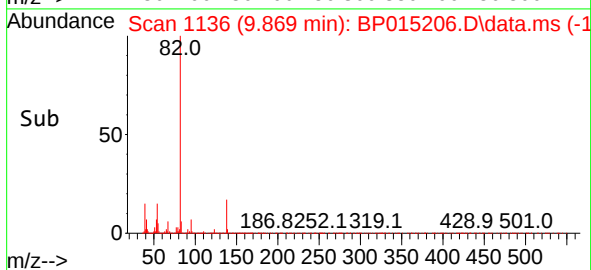
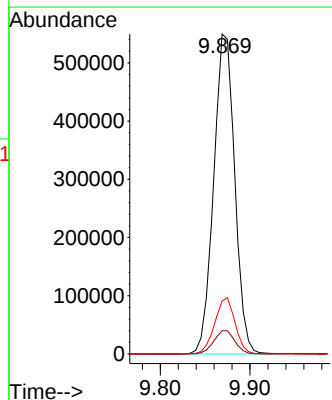
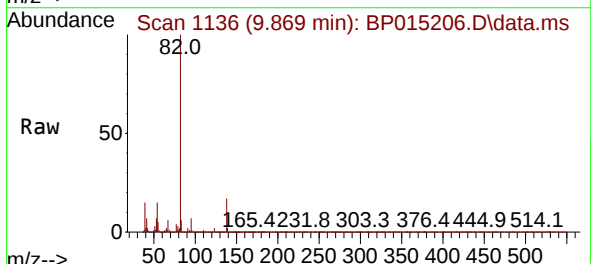
Instrument :
BNA_P
ClientSampleId :
SSTD020724

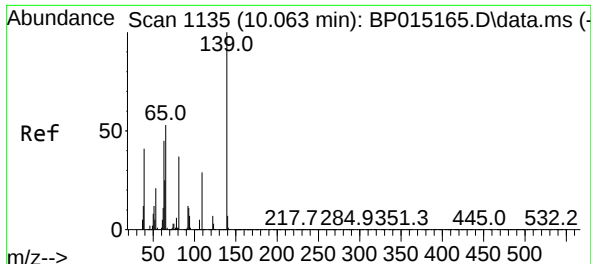
Tgt Ion: 77 Resp: 466983
Ion Ratio Lower Upper
77 100
123 43.8 36.2 54.2
65 12.9 10.1 15.1



#23
Isophorone
Concen: 20.575 ng/ul
RT: 9.869 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion: 82 Resp: 895414
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 16.6 13.6 20.4

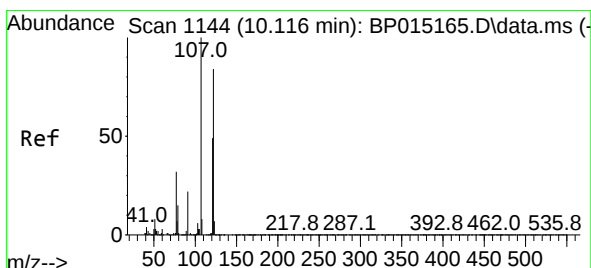
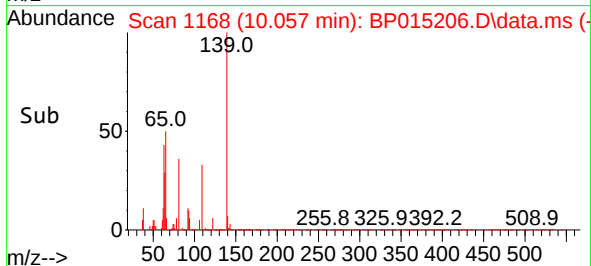
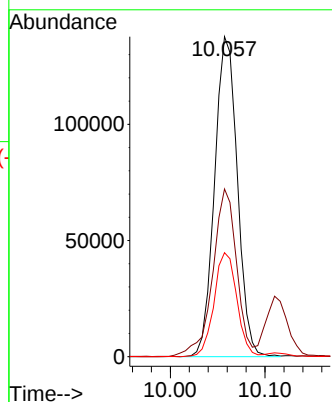
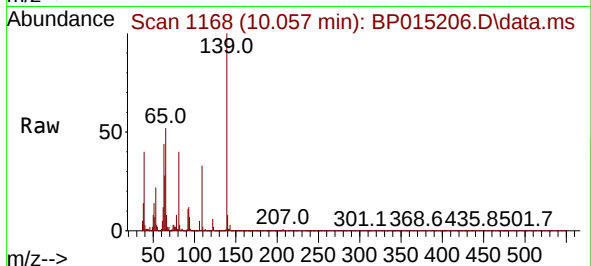




#25
2-Nitrophenol
Concen: 22.045 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

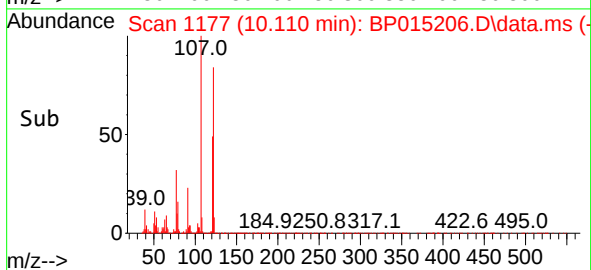
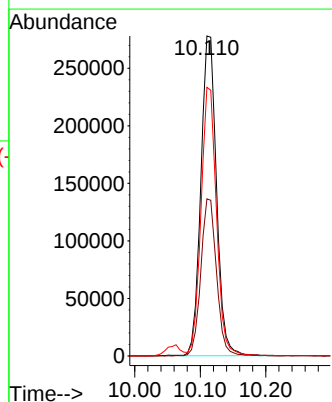
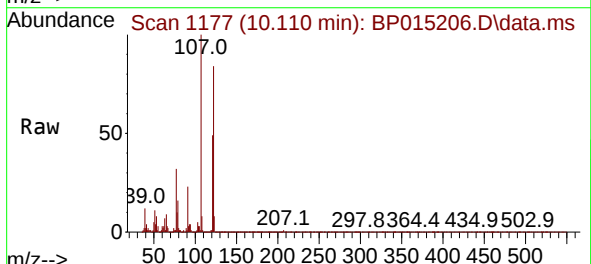
Instrument :
BNA_P
ClientSampleId :
SSTD020724

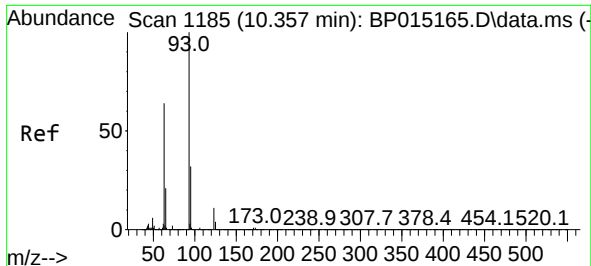
Tgt Ion:139 Resp: 230582
Ion Ratio Lower Upper
139 100
65 52.4 38.4 57.6
109 32.5 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 22.175 ng/ul
RT: 10.110 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion:107 Resp: 462862
Ion Ratio Lower Upper
107 100
121 49.1 41.0 61.6
122 84.0 69.5 104.3

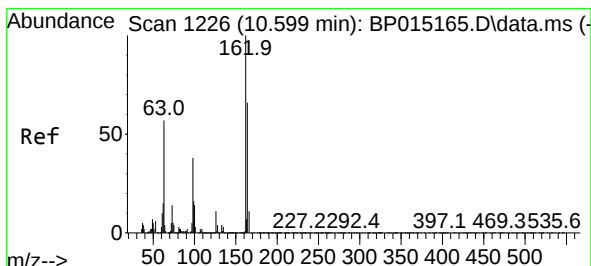
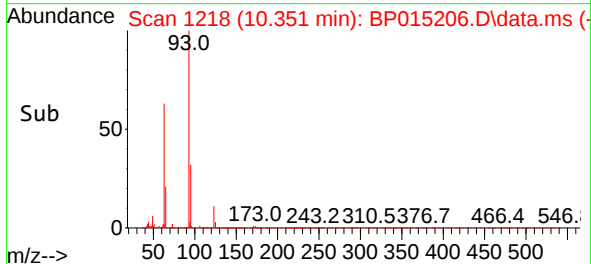
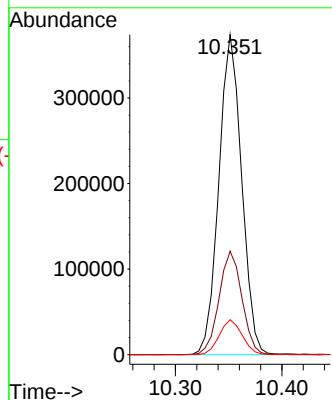
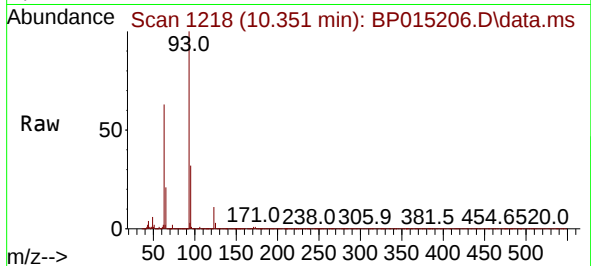




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.955 ng/ul
 RT: 10.351 min Scan# 1185
 Delta R.T. -0.006 min
 Lab File: BP015206.D
 Acq: 22 May 2023 09:54

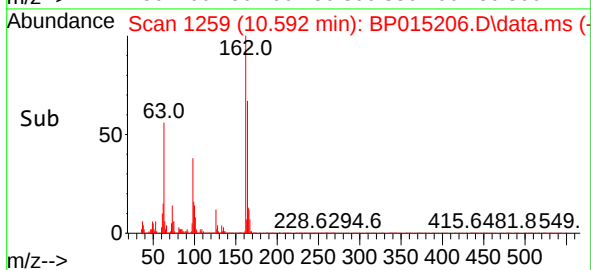
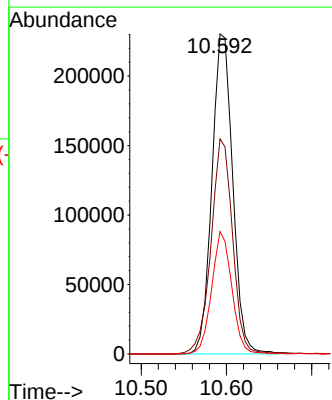
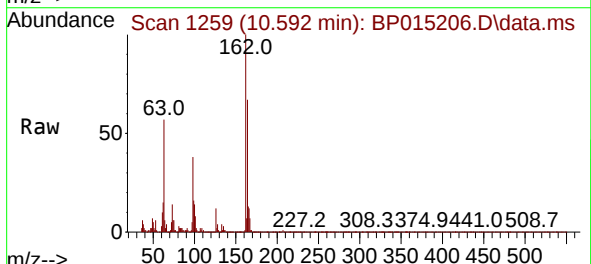
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020724

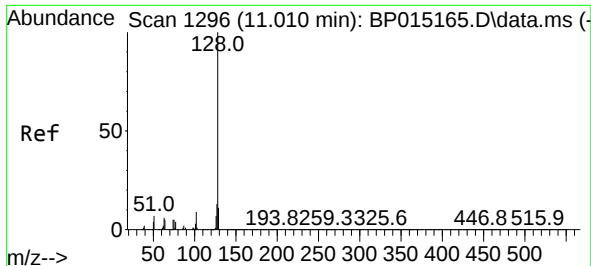
Tgt Ion: 93 Resp: 554861
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.7 40.1
 123 11.0 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 22.457 ng/ul
 RT: 10.592 min Scan# 1259
 Delta R.T. -0.006 min
 Lab File: BP015206.D
 Acq: 22 May 2023 09:54

Tgt Ion: 162 Resp: 390438
 Ion Ratio Lower Upper
 162 100
 164 67.2 52.0 78.0
 98 38.3 28.9 43.3

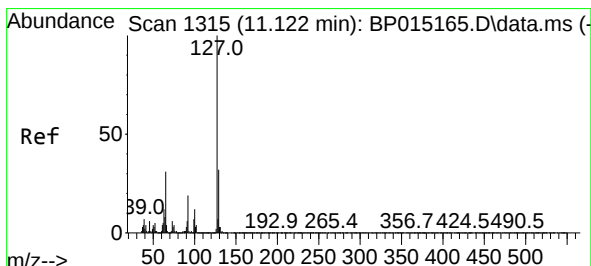
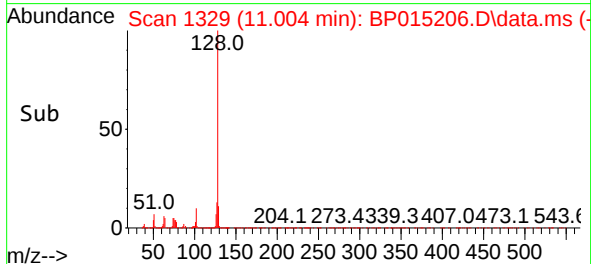
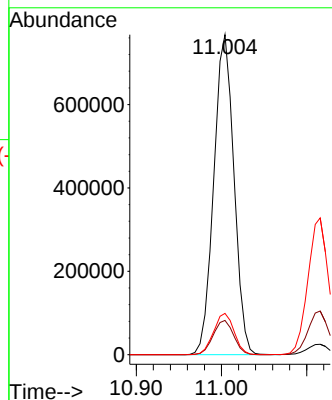
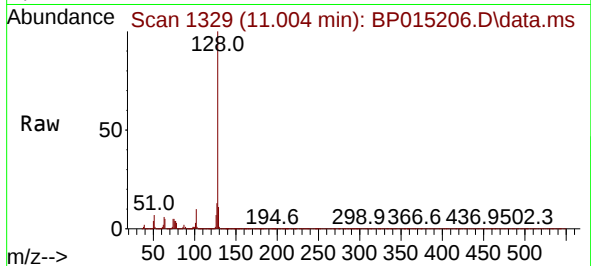




#30
Naphthalene
Concen: 21.268 ng/ul
RT: 11.004 min Scan# 11348
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

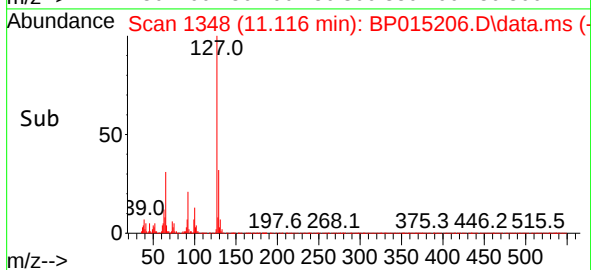
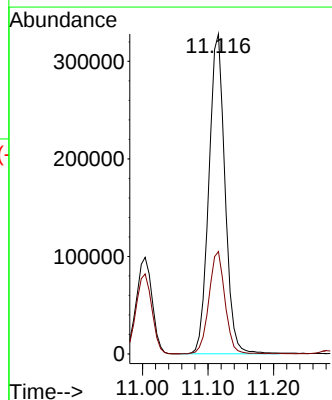
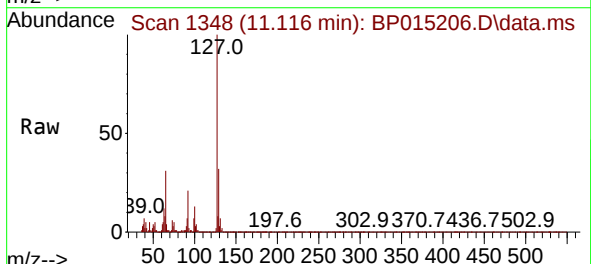
Instrument :
BNA_P
ClientSampleId :
SSTD020724

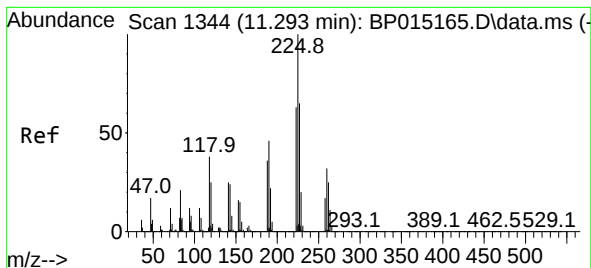
Tgt Ion:128 Resp: 1261409
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.9 10.6 15.8



#32
4-Chloroaniline
Concen: 21.397 ng/ul
RT: 11.116 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion:127 Resp: 560038
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.8





#33

Hexachlorobutadiene

Concen: 24.193 ng/ul

RT: 11.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020724

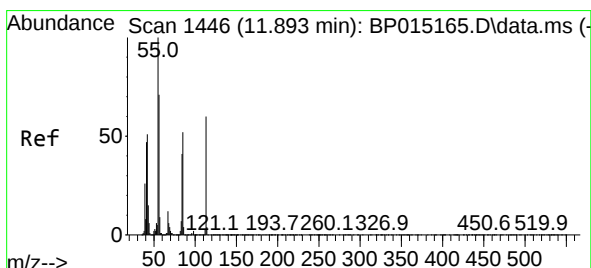
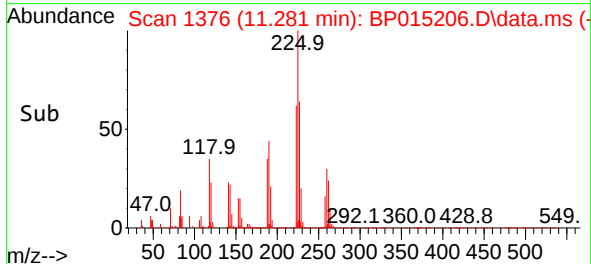
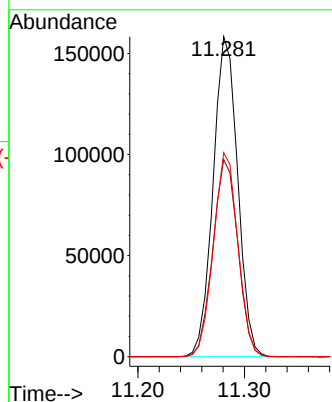
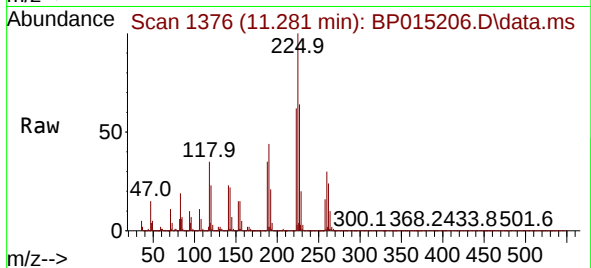
Tgt Ion:225 Resp: 253502

Ion Ratio Lower Upper

225 100

223 61.6 51.0 76.6

227 63.8 52.2 78.4



#34

Caprolactam

Concen: 15.560 ng/ul

RT: 11.892 min Scan# 1480

Delta R.T. -0.000 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

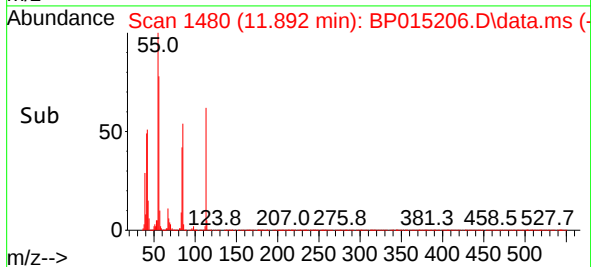
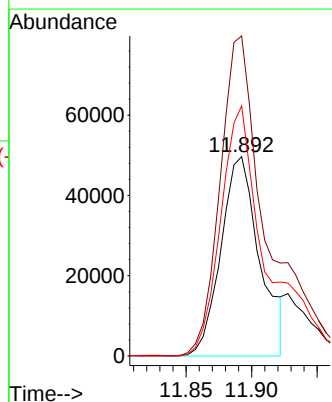
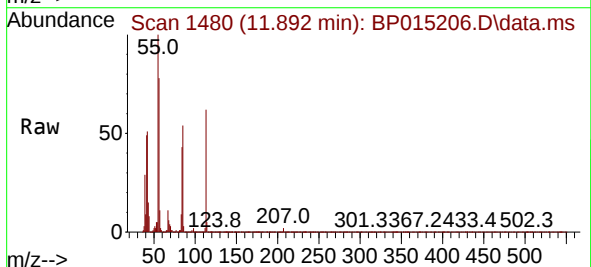
Tgt Ion:113 Resp: 101990

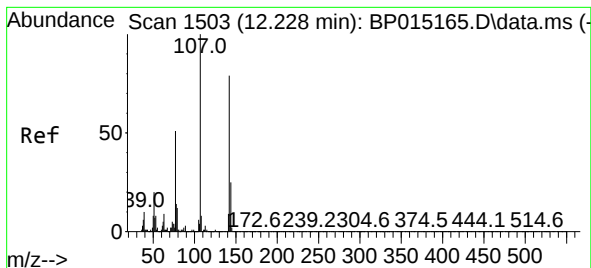
Ion Ratio Lower Upper

113 100

55 160.5 121.2 181.8

56 125.4 90.2 135.4

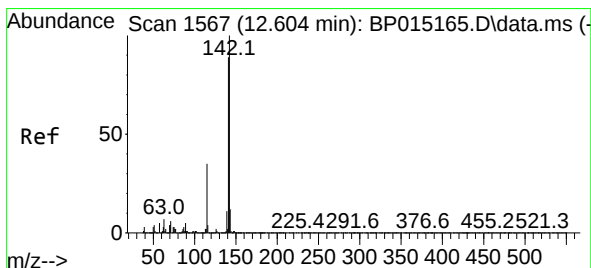
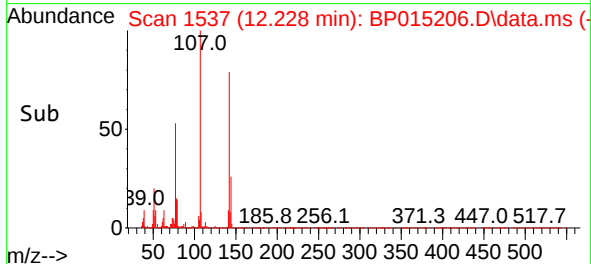
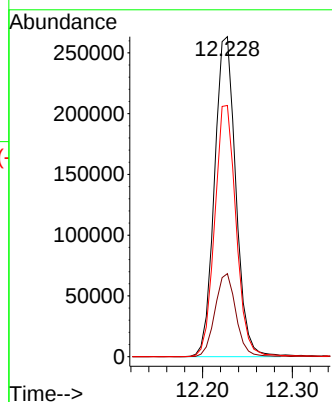
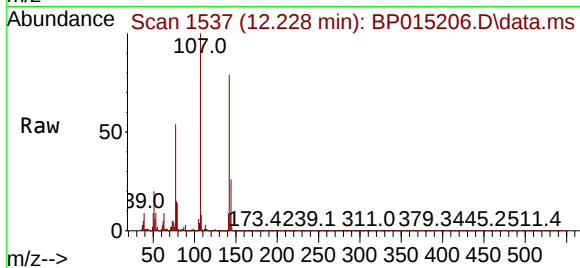




#35
4-Chloro-3-methylphenol
Concen: 22.162 ng/ul
RT: 12.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

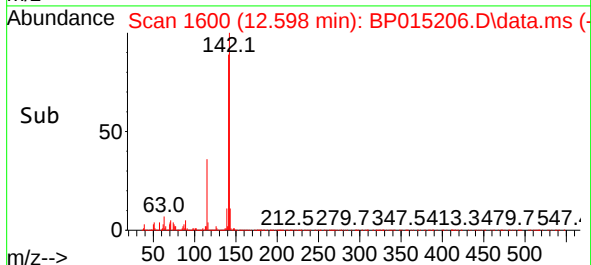
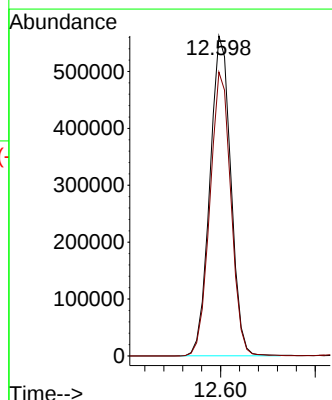
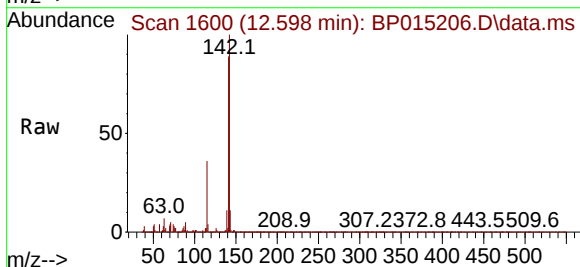
Instrument :
BNA_P
ClientSampleId :
SSTD020724

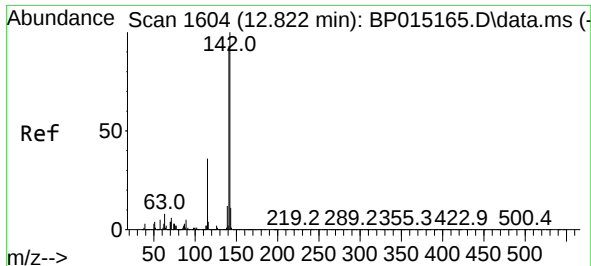
Tgt Ion:107 Resp: 435061
Ion Ratio Lower Upper
107 100
144 26.0 20.3 30.5
142 78.5 63.2 94.8



#36
2-Methylnaphthalene
Concen: 21.612 ng/ul
RT: 12.598 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion:142 Resp: 863689
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6

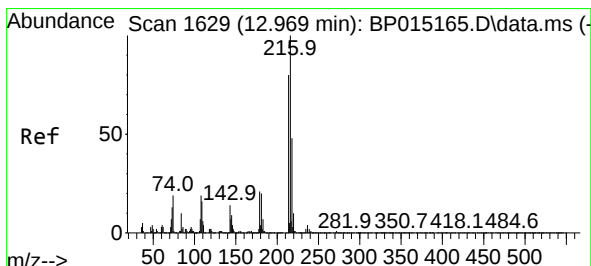
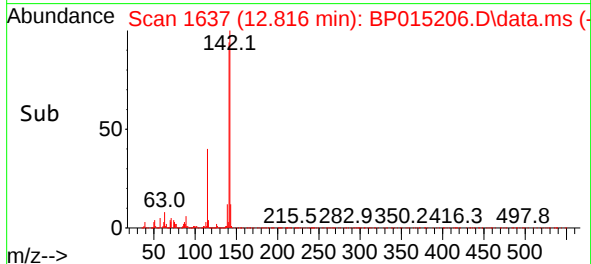
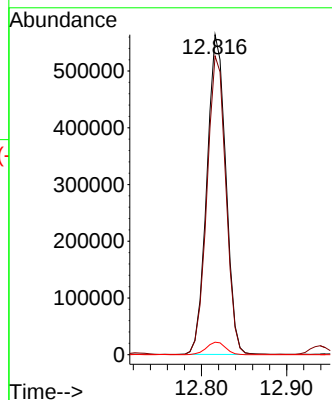
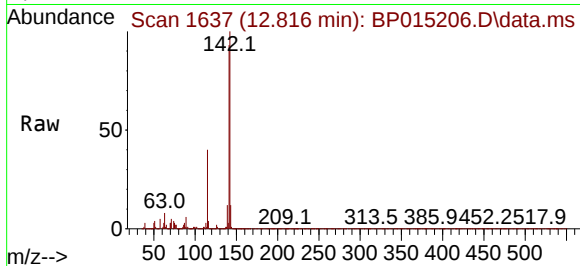




#37
1-Methylnaphthalene
Concen: 21.654 ng/ul
RT: 12.816 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

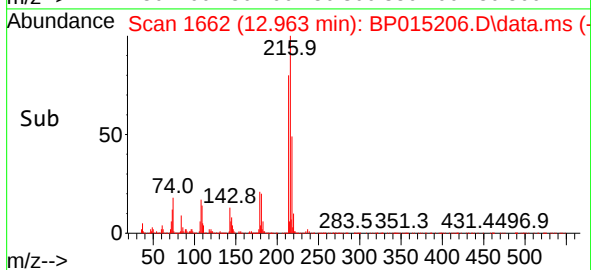
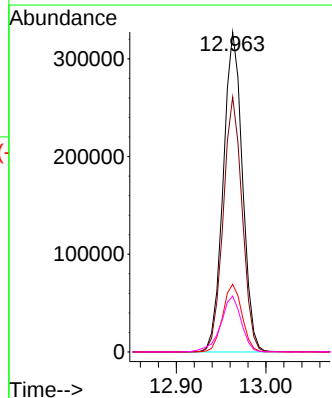
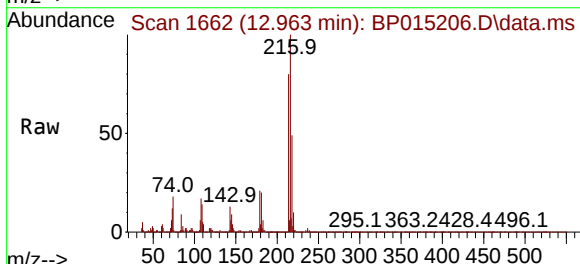
Instrument :
BNA_P
ClientSampleId :
SSTD020724

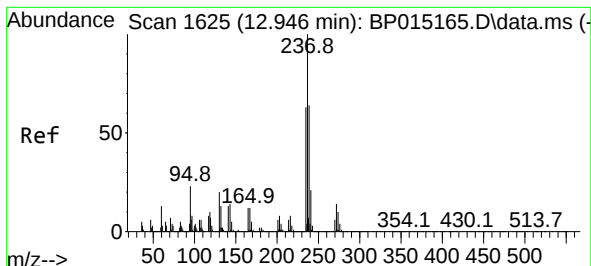
Tgt Ion:142 Resp: 868984
Ion Ratio Lower Upper
142 100
141 93.4 74.6 112.0
116 3.9 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 23.371 ng/ul
RT: 12.963 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion:216 Resp: 486273
Ion Ratio Lower Upper
216 100
214 79.7 61.4 92.0
179 21.1 15.9 23.9
108 17.5 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 14.609 ng/ul

RT: 12.939 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020724

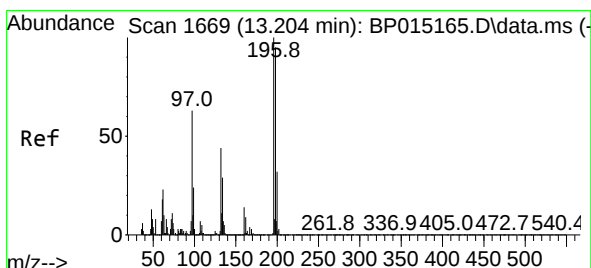
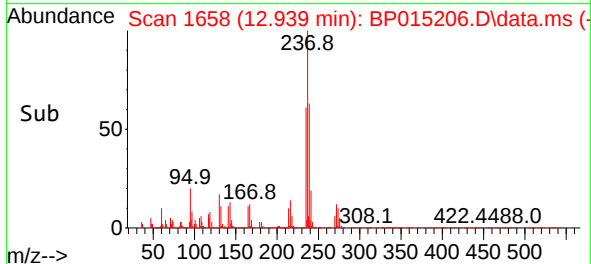
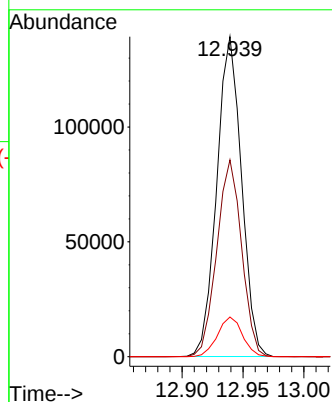
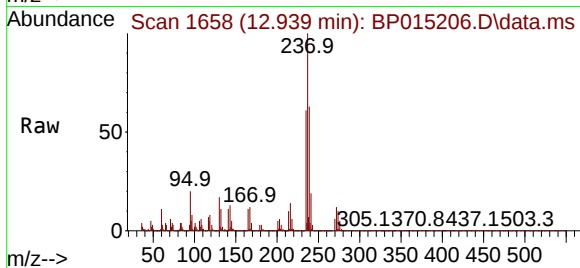
Tgt Ion:237 Resp: 196943

Ion Ratio Lower Upper

237 100

235 61.5 49.4 74.0

272 12.4 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 22.482 ng/ul

RT: 13.198 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

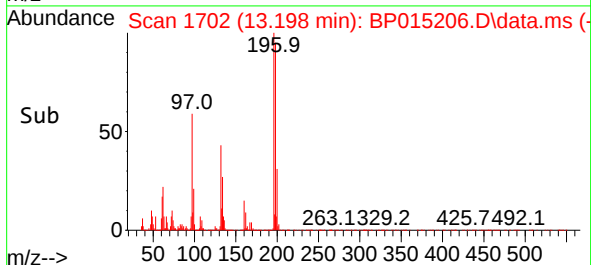
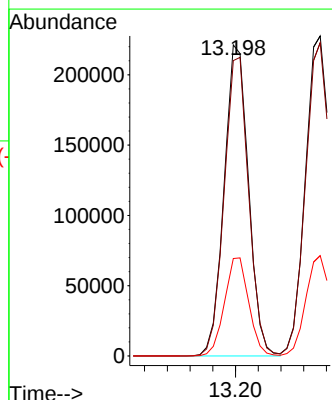
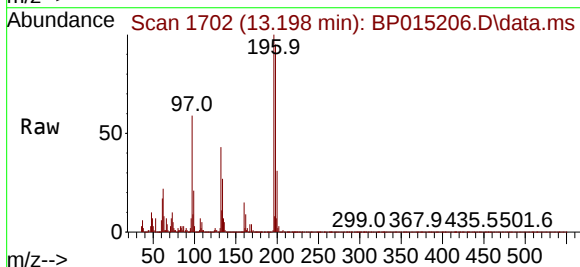
Tgt Ion:196 Resp: 330310

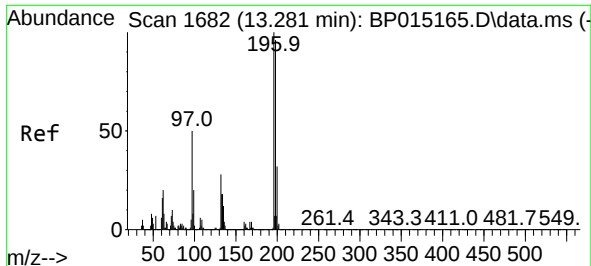
Ion Ratio Lower Upper

196 100

198 95.0 75.5 113.3

200 31.3 23.6 35.4

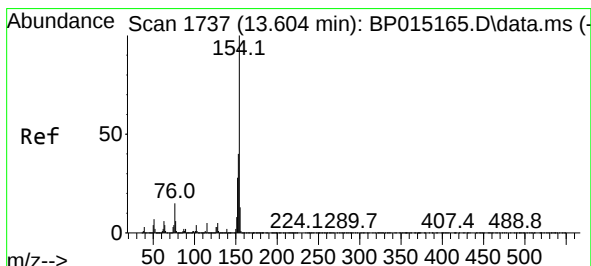
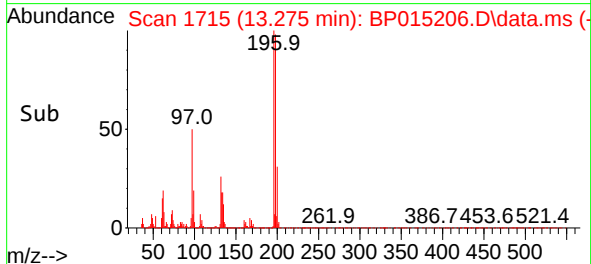
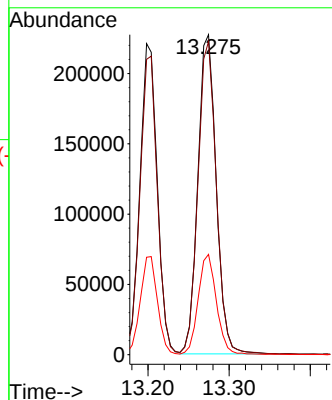
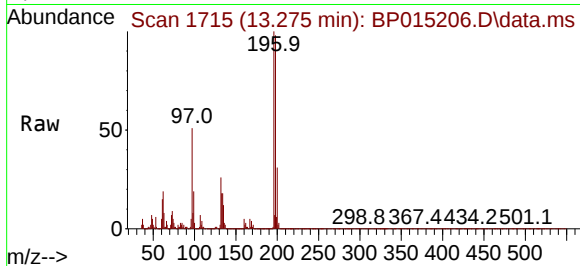




#42
2,4,5-Trichlorophenol
Concen: 22.421 ng/ul
RT: 13.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

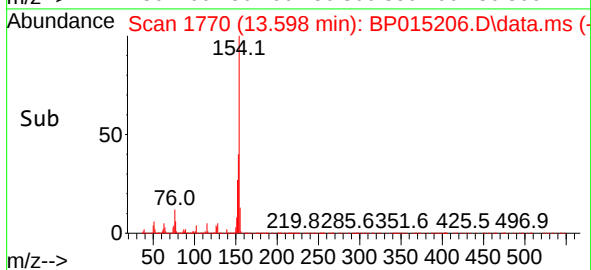
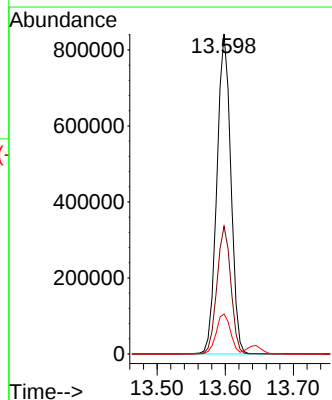
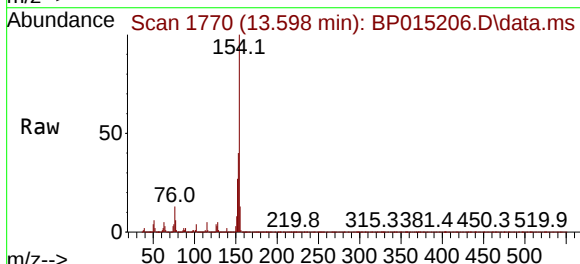
Instrument :
BNA_P
ClientSampleId :
SSTD020724

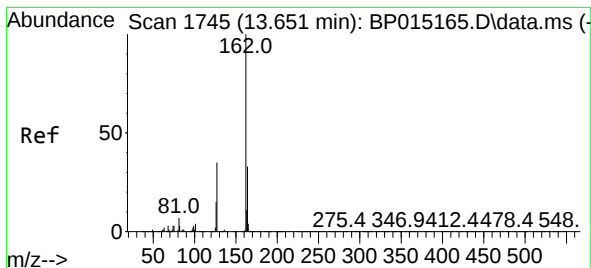
Tgt Ion:196 Resp: 357170
Ion Ratio Lower Upper
196 100
198 97.9 77.0 115.4
200 31.3 24.3 36.5



#43
1,1'-Biphenyl
Concen: 22.197 ng/ul
RT: 13.598 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion:154 Resp: 1198103
Ion Ratio Lower Upper
154 100
153 39.9 32.7 49.1
76 12.5 10.7 16.1





#44

2-Chloronaphthalene

Concen: 22.026 ng/ul

RT: 13.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020724

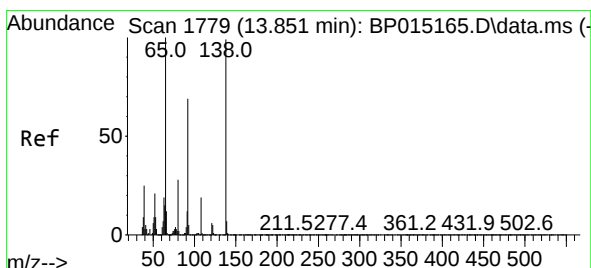
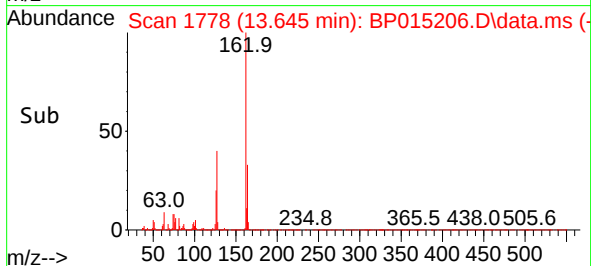
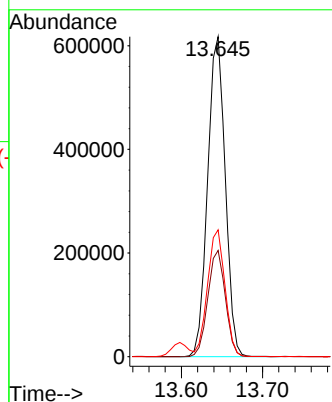
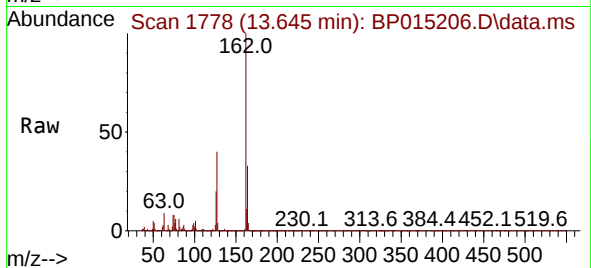
Tgt Ion:162 Resp: 928463

Ion Ratio Lower Upper

162 100

164 33.2 25.9 38.9

127 39.6 30.8 46.2



#45

2-Nitroaniline

Concen: 22.853 ng/ul

RT: 13.845 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

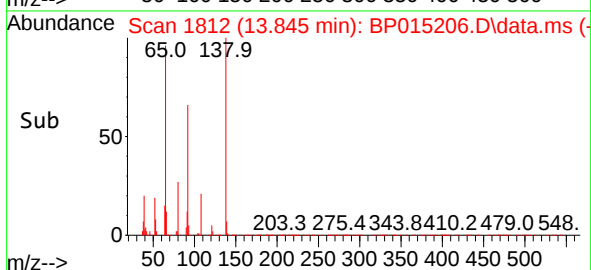
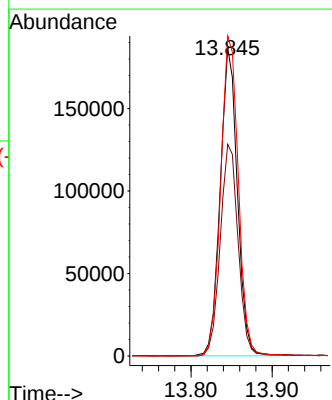
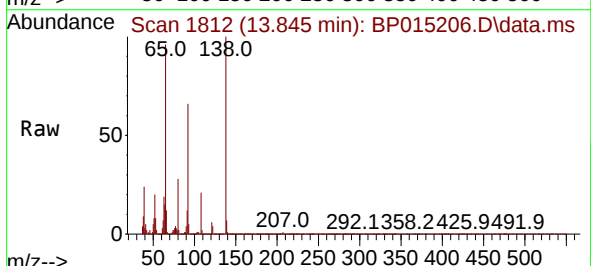
Tgt Ion: 65 Resp: 275632

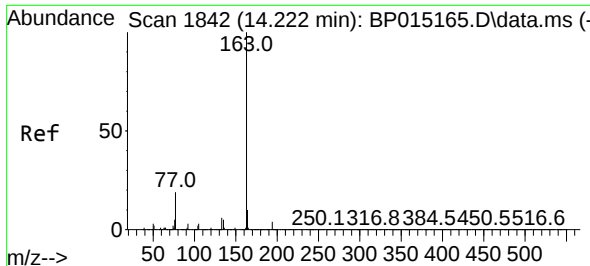
Ion Ratio Lower Upper

65 100

92 68.7 59.8 89.8

138 103.9 92.3 138.5

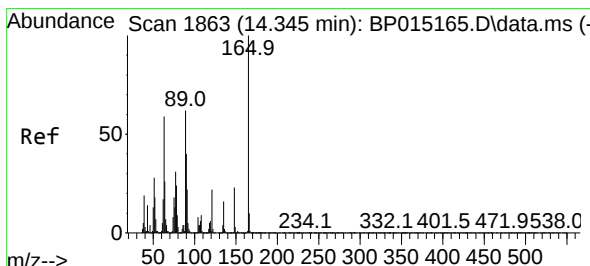
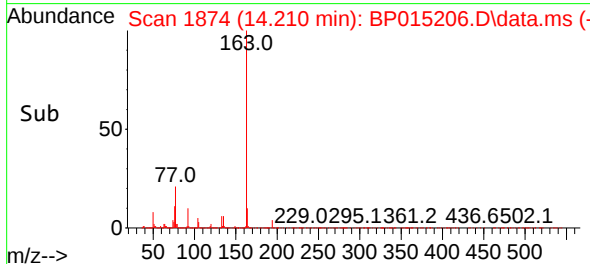
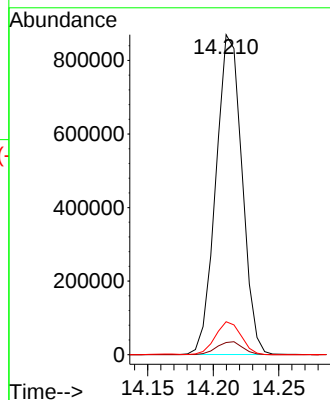
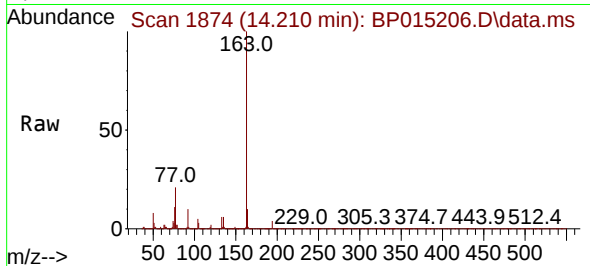




#47
Dimethylphthalate
Concen: 22.028 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

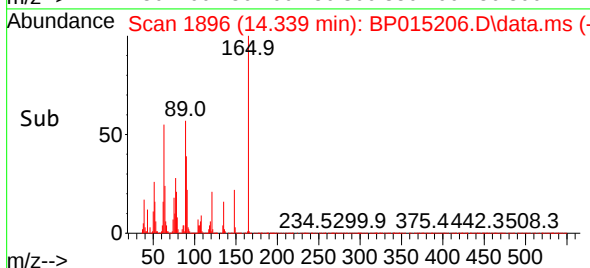
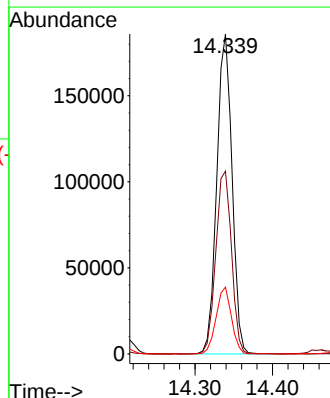
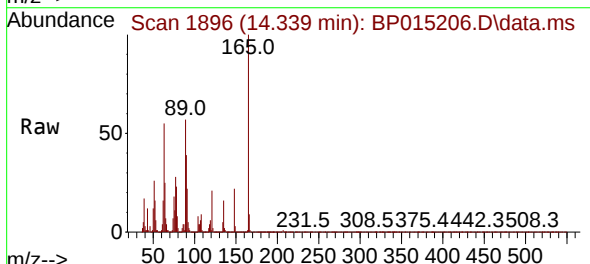
Instrument :
BNA_P
ClientSampleId :
SSTD020724

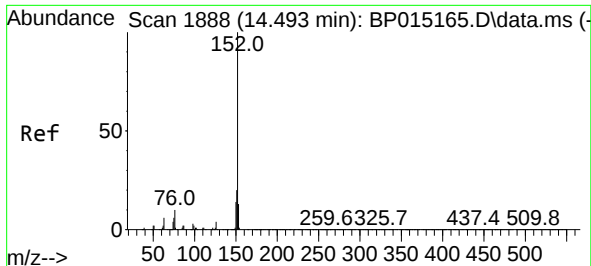
Tgt Ion:163 Resp: 1205970
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 23.398 ng/ul
RT: 14.339 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion:165 Resp: 253787
Ion Ratio Lower Upper
165 100
89 57.2 48.0 72.0
121 20.9 17.5 26.3

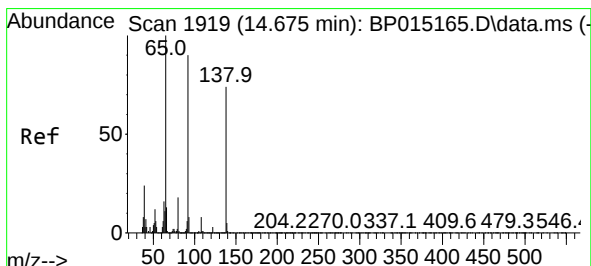
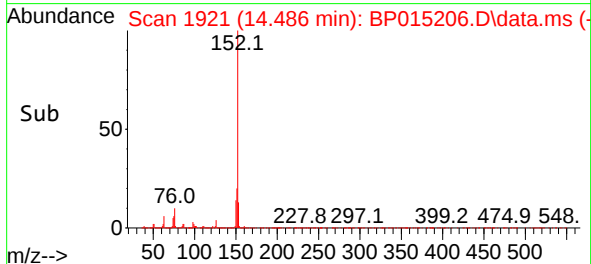
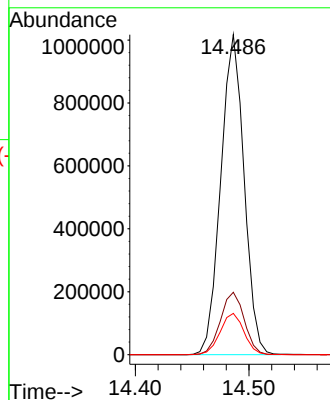
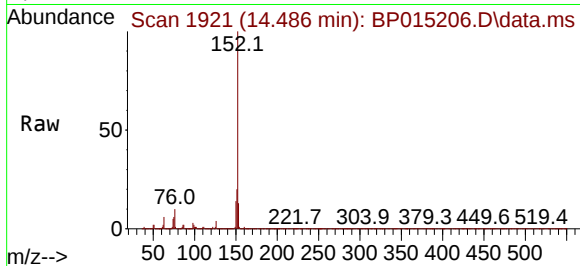




#50
Acenaphthylene
Concen: 21.611 ng/ul
RT: 14.486 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

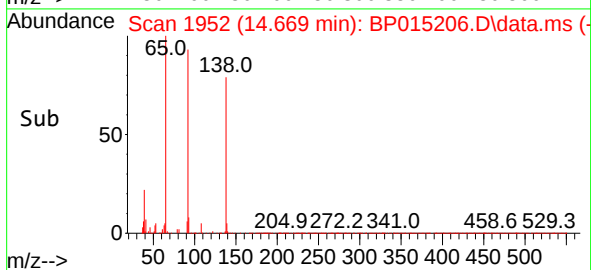
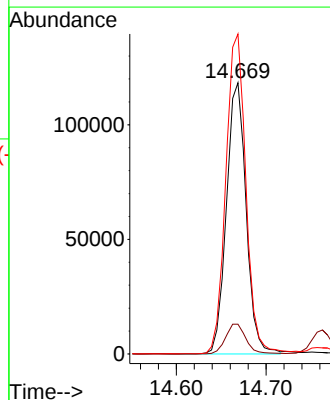
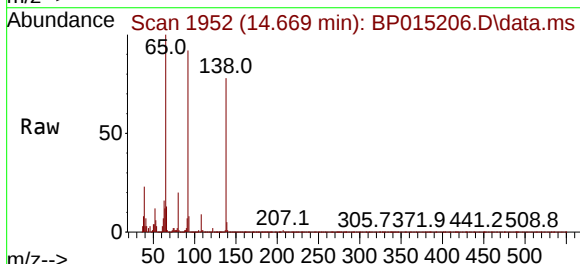
Instrument :
BNA_P
ClientSampleId :
SSTD020724

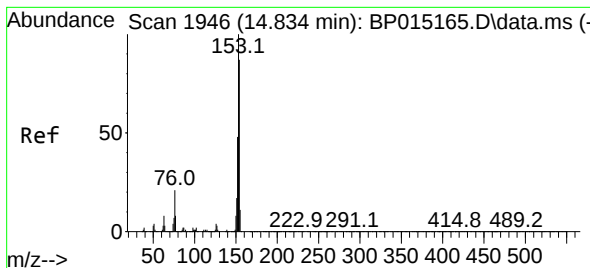
Tgt Ion:152 Resp: 1449762
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1
153 12.9 10.3 15.5



#51
3-Nitroaniline
Concen: 18.479 ng/ul
RT: 14.669 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion:138 Resp: 180478
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 118.0 93.4 140.0





#52

Acenaphthene

Concen: 21.636 ng/ul

RT: 14.827 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020724

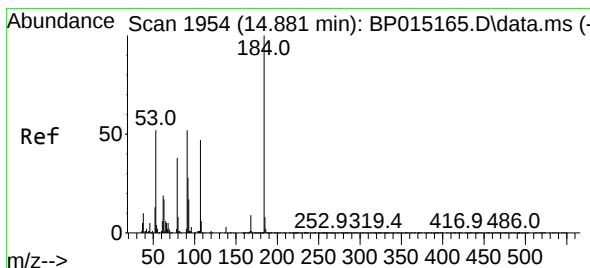
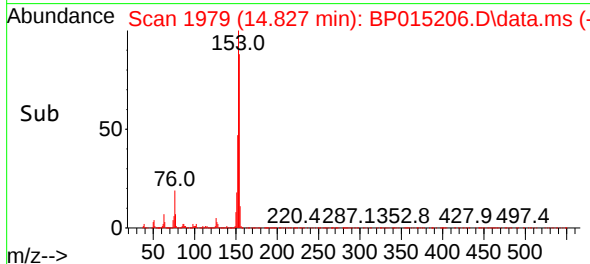
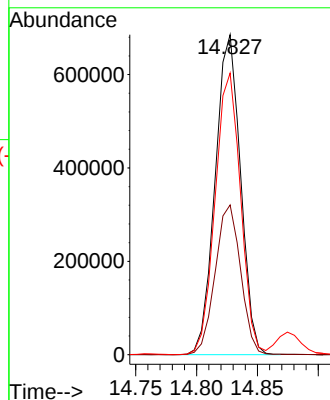
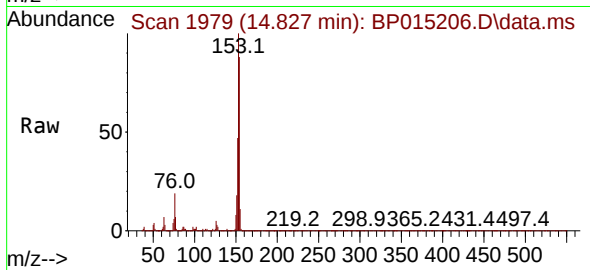
Tgt Ion:153 Resp: 991347

Ion Ratio Lower Upper

153 100

152 46.8 38.0 57.0

154 88.0 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 15.115 ng/ul

RT: 14.875 min Scan# 1987

Delta R.T. -0.000 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

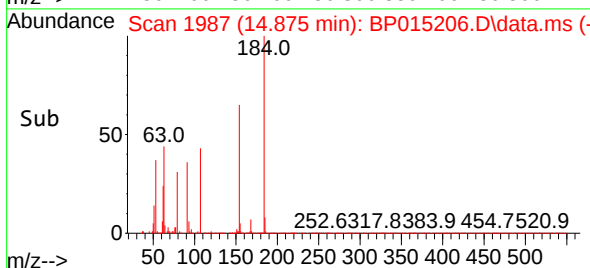
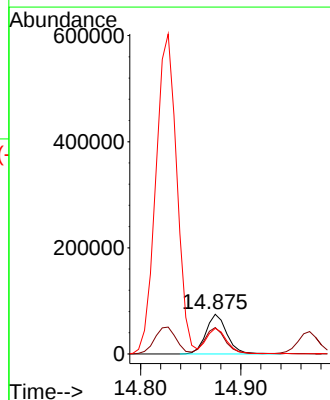
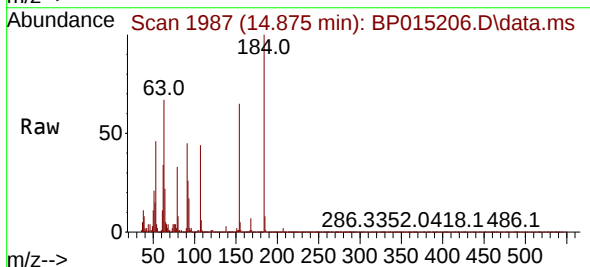
Tgt Ion:184 Resp: 108854

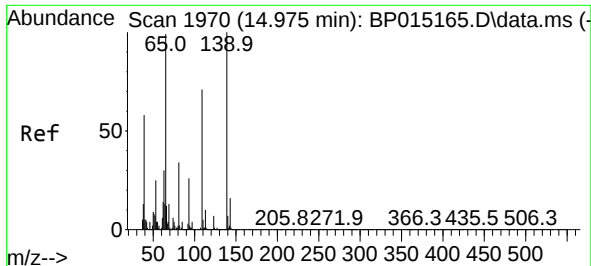
Ion Ratio Lower Upper

184 100

63 66.7 49.7 74.5

154 64.7 47.5 71.3

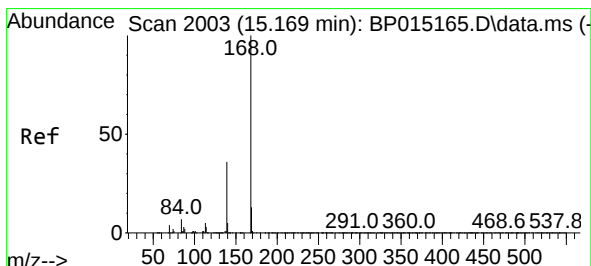
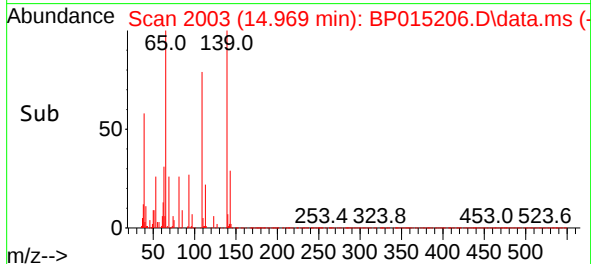
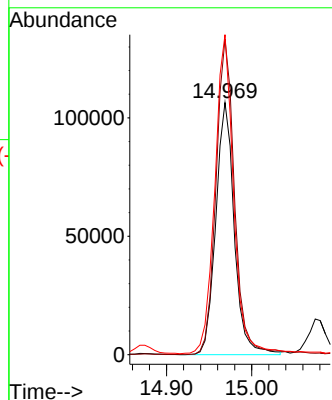
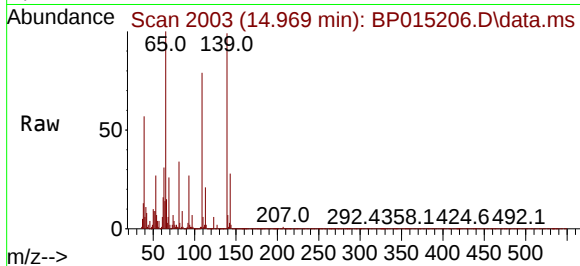




#55
4-Nitrophenol
Concen: 21.377 ng/ul
RT: 14.969 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

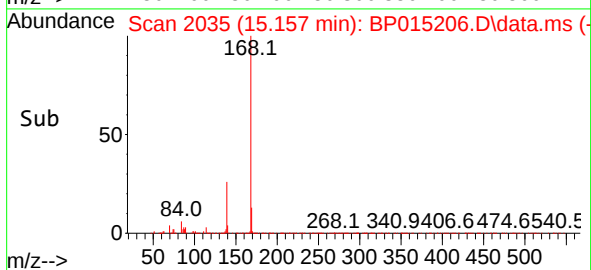
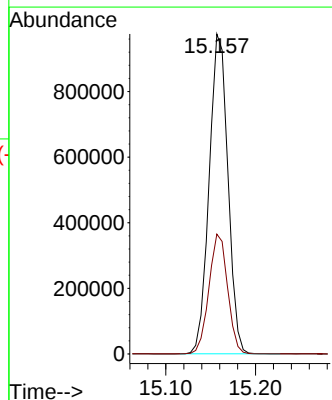
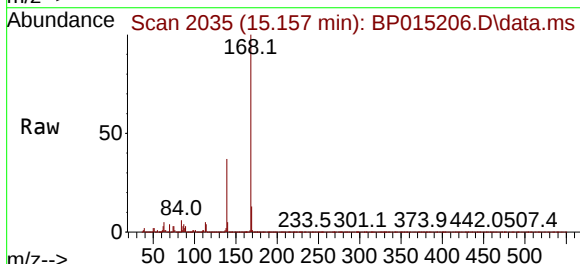
Instrument :
BNA_P
ClientSampleId :
SSTD020724

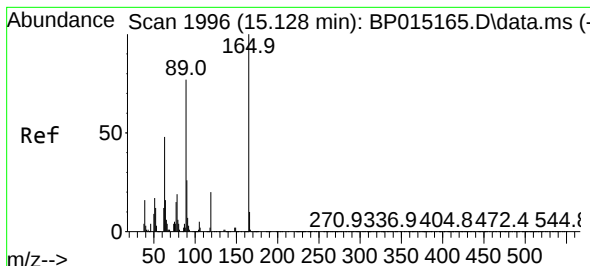
Tgt Ion:109 Resp: 160500
Ion Ratio Lower Upper
109 100
139 125.1 115.3 172.9
65 126.9 107.9 161.9



#56
Dibenzofuran
Concen: 22.191 ng/ul
RT: 15.157 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion:168 Resp: 1414194
Ion Ratio Lower Upper
168 100
139 37.4 29.4 44.0

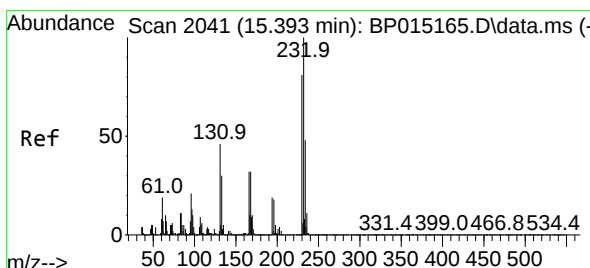
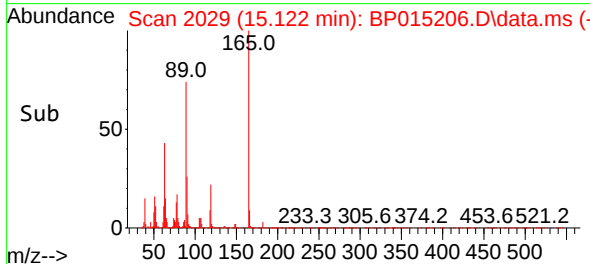
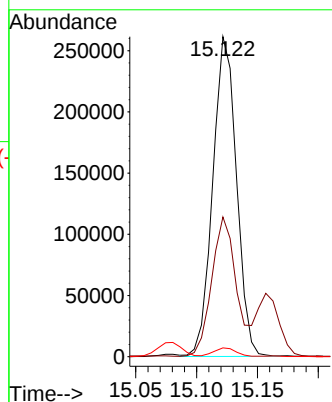
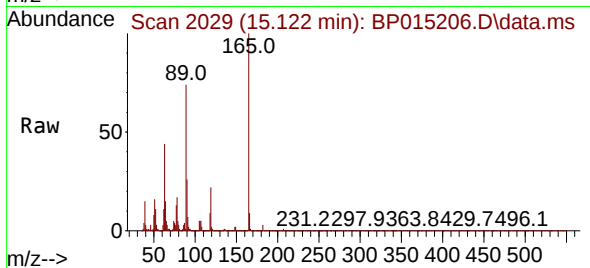




#57
2,4-Dinitrotoluene
Concen: 22.576 ng/ul
RT: 15.122 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

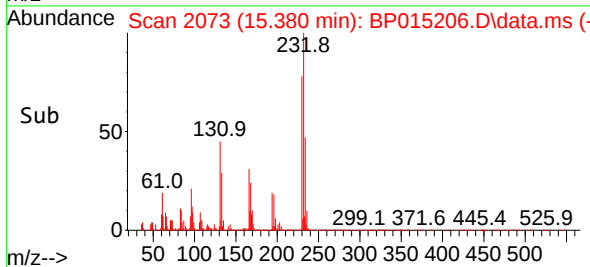
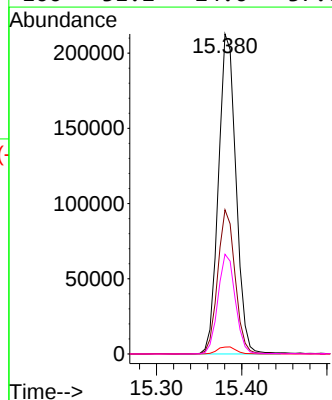
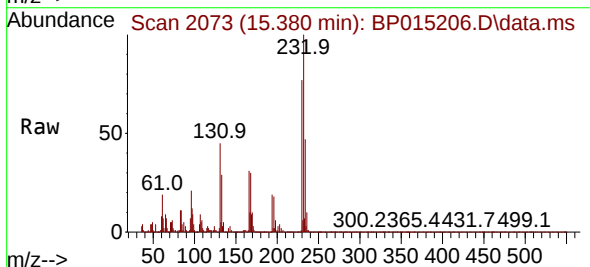
Instrument :
BNA_P
ClientSampleId :
SSTD020724

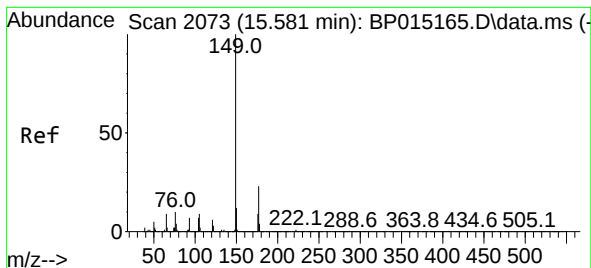
Tgt Ion:165 Resp: 354338
Ion Ratio Lower Upper
165 100
63 43.7 33.1 49.7
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.604 ng/ul
RT: 15.380 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion:232 Resp: 303897
Ion Ratio Lower Upper
232 100
131 45.0 36.8 55.2
130 2.1 1.9 2.9
166 31.2 24.6 37.0





#59

Diethylphthalate

Concen: 22.216 ng/ul

RT: 15.569 min Scan# 2105

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020724

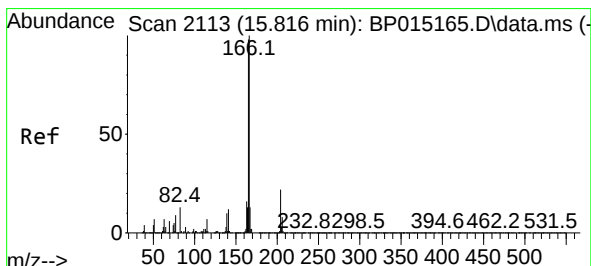
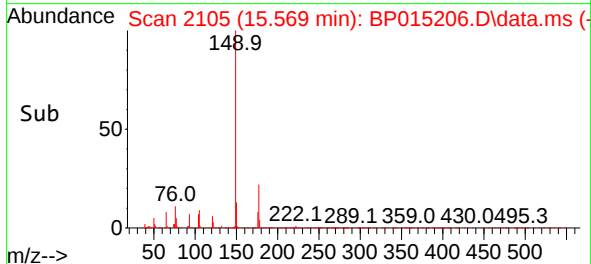
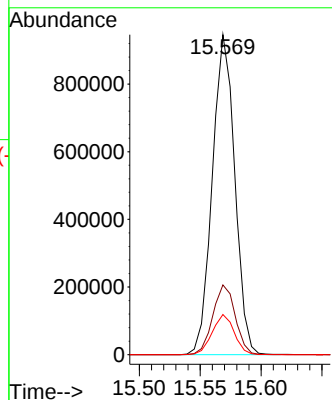
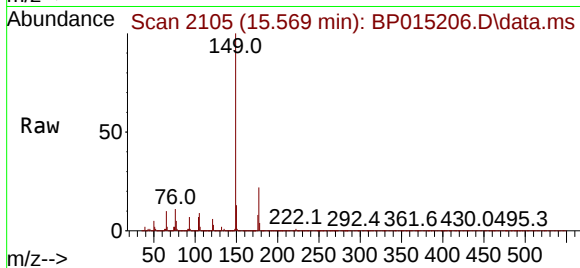
Tgt Ion:149 Resp: 1213074

Ion Ratio Lower Upper

149 100

177 21.8 17.5 26.3

150 12.6 9.8 14.8



#61

Fluorene

Concen: 21.910 ng/ul

RT: 15.810 min Scan# 2146

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

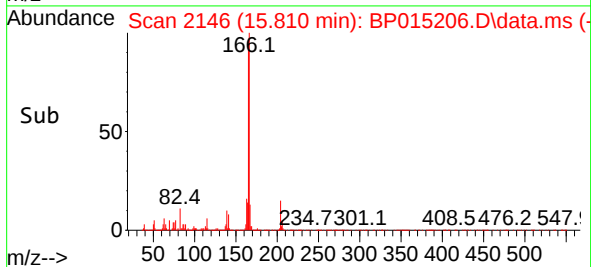
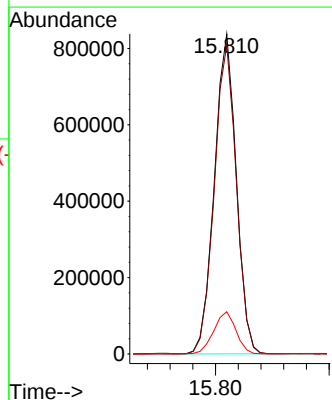
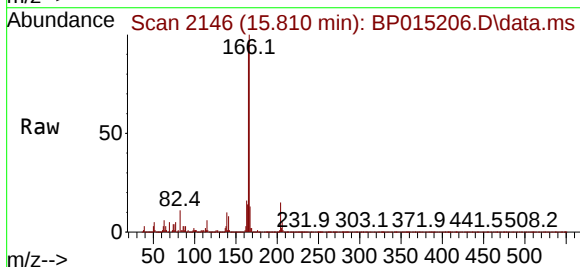
Tgt Ion:166 Resp: 1122120

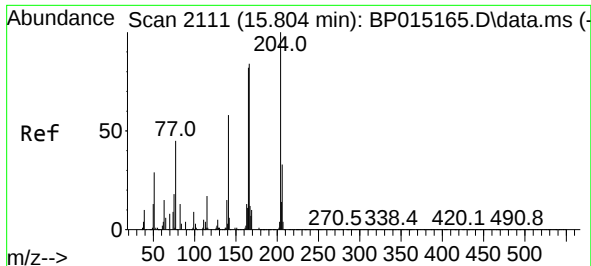
Ion Ratio Lower Upper

166 100

165 96.6 77.8 116.6

167 13.2 10.6 15.8

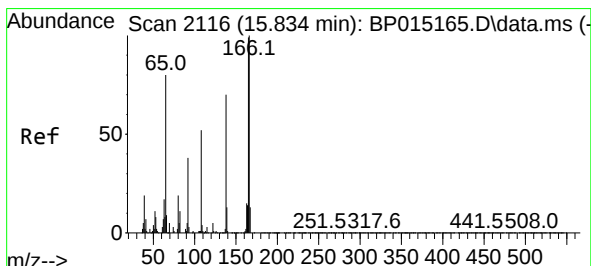
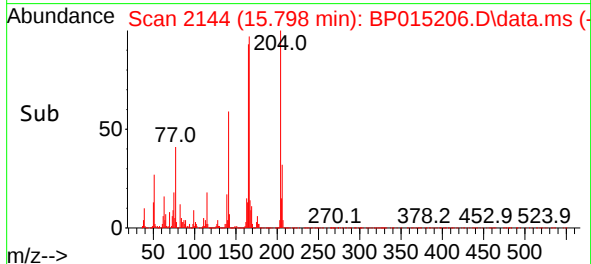
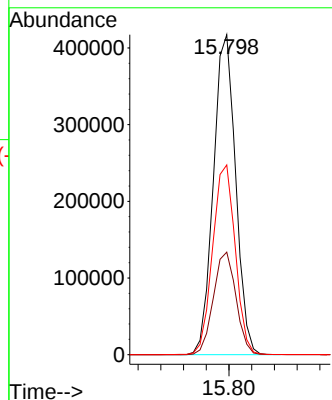
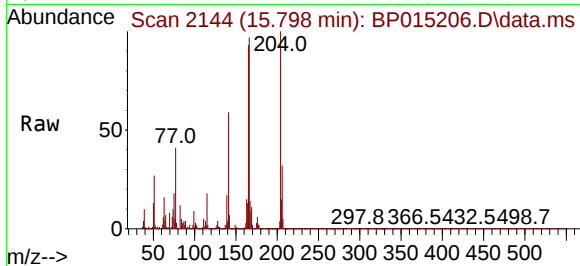




#62
4-Chlorophenyl-phenylether
Concen: 22.679 ng/ul
RT: 15.798 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

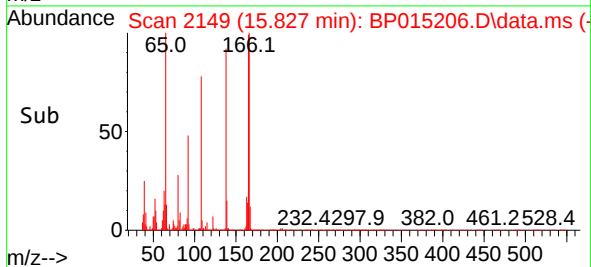
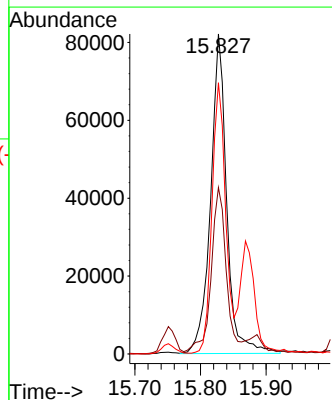
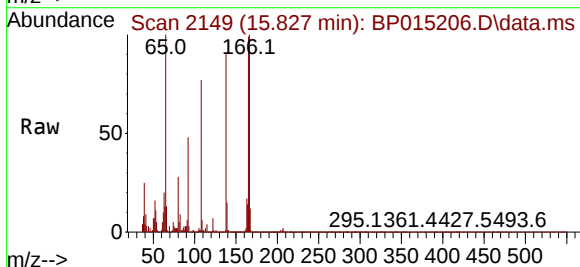
Instrument :
BNA_P
ClientSampleId :
SSTD020724

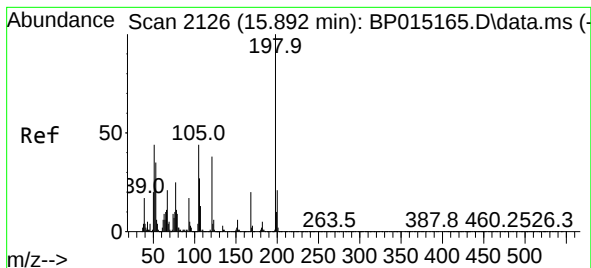
Tgt Ion:204 Resp: 567507
Ion Ratio Lower Upper
204 100
206 32.0 26.1 39.1
141 59.3 44.5 66.7



#63
4-Nitroaniline
Concen: 16.651 ng/ul
RT: 15.827 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion:138 Resp: 140436
Ion Ratio Lower Upper
138 100
92 52.0 41.2 61.8
108 84.7 60.1 90.1

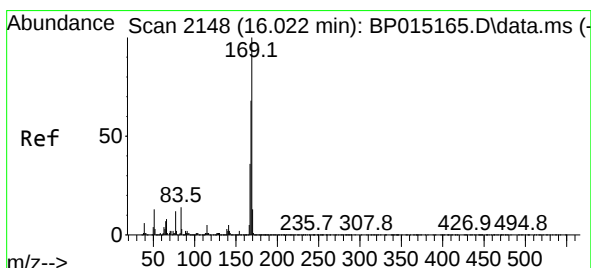
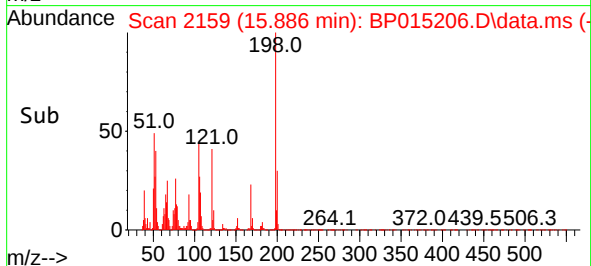
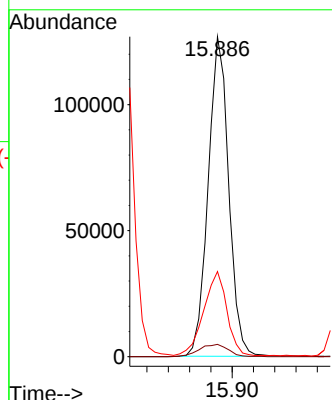
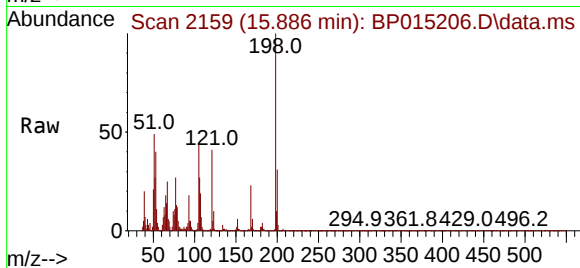




#66
4,6-Dinitro-2-methylphenol
Concen: 17.239 ng/ul
RT: 15.886 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

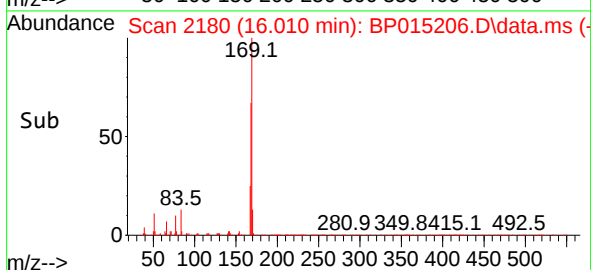
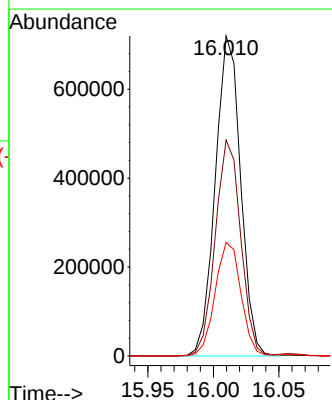
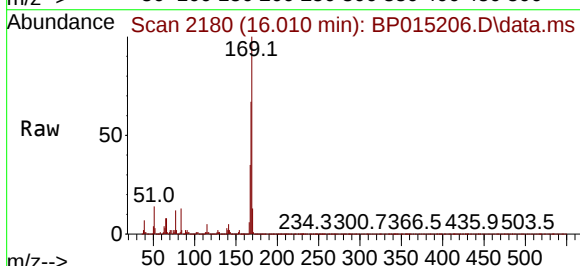
Instrument :
BNA_P
ClientSampleId :
SSTD020724

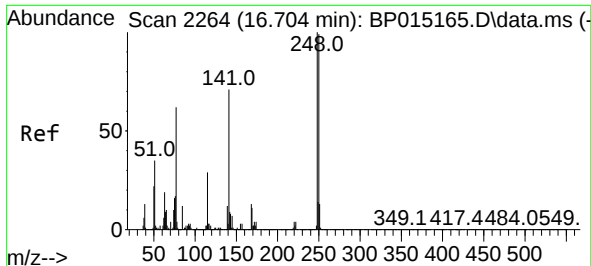
Tgt Ion:198 Resp: 170041
Ion Ratio Lower Upper
198 100
182 3.9 3.7 5.5
77 26.6 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 21.674 ng/ul
RT: 16.010 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion:169 Resp: 966505
Ion Ratio Lower Upper
169 100
168 67.5 53.5 80.3
167 35.5 28.9 43.3

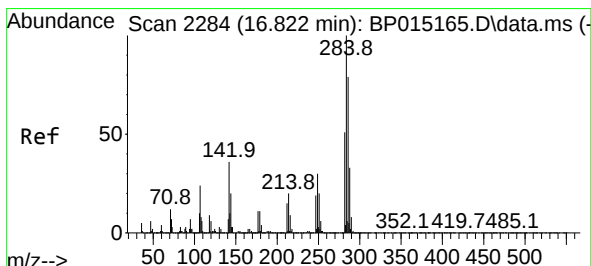
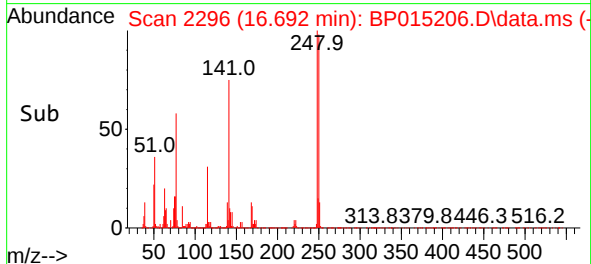
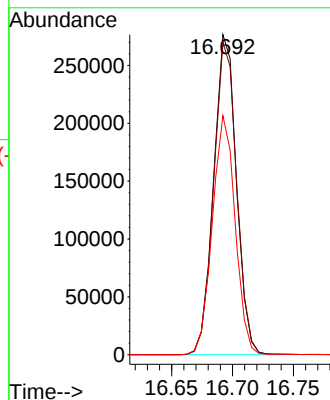
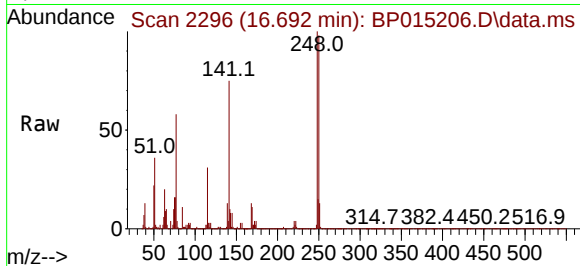




#68
4-Bromophenyl-phenylether
Concen: 22.959 ng/ul
RT: 16.692 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

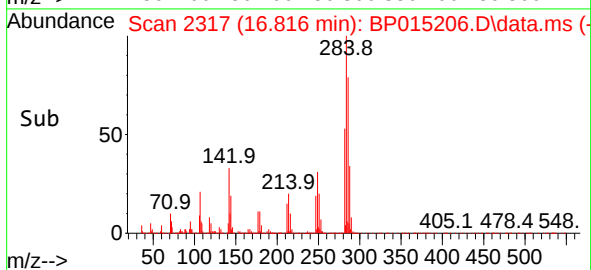
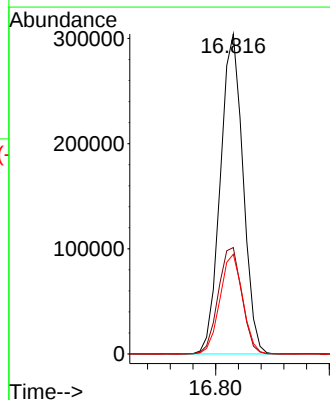
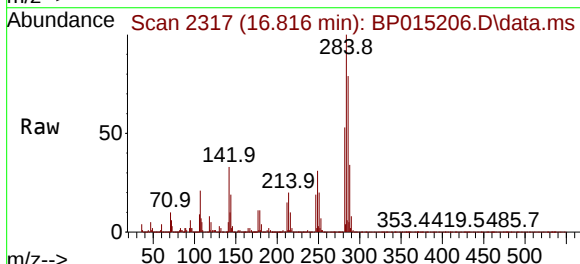
Instrument :
BNA_P
ClientSampleId :
SSTD020724

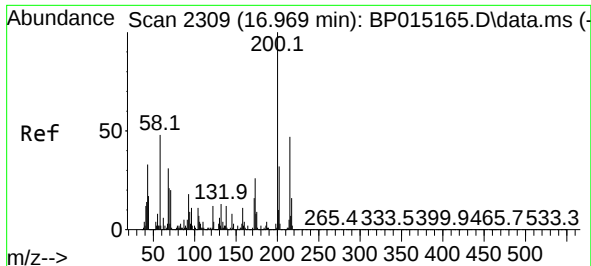
Tgt Ion:248 Resp: 358632
Ion Ratio Lower Upper
248 100
250 97.7 79.0 118.4
141 74.7 58.6 87.8



#69
Hexachlorobenzene
Concen: 22.858 ng/ul
RT: 16.816 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion:284 Resp: 421948
Ion Ratio Lower Upper
284 100
142 33.3 27.3 40.9
249 31.1 24.6 36.8

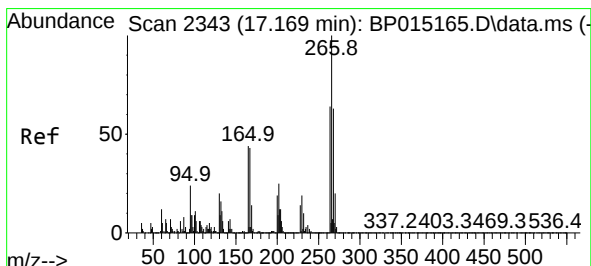
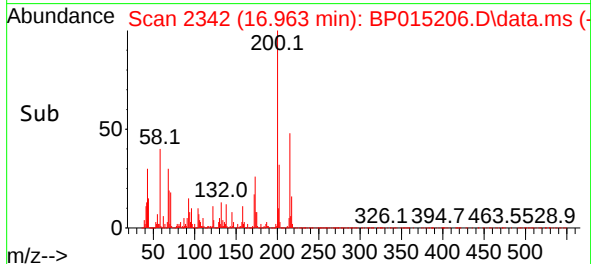
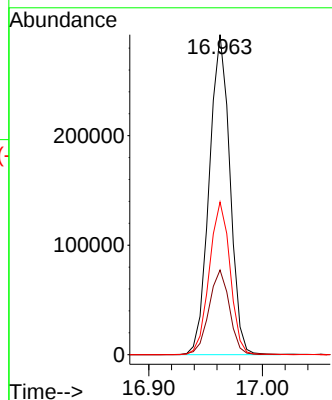
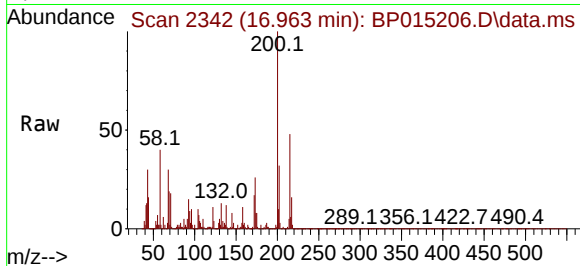




#70
Atrazine
Concen: 22.399 ng/ul
RT: 16.963 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

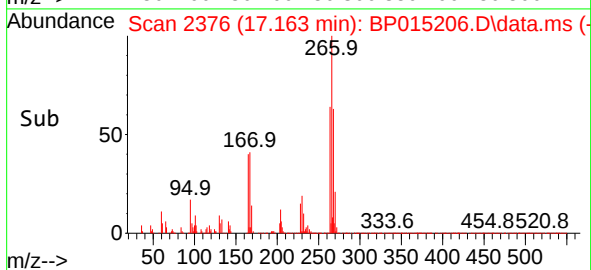
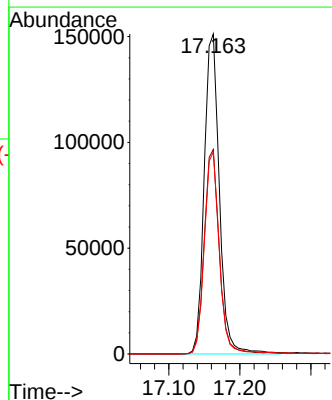
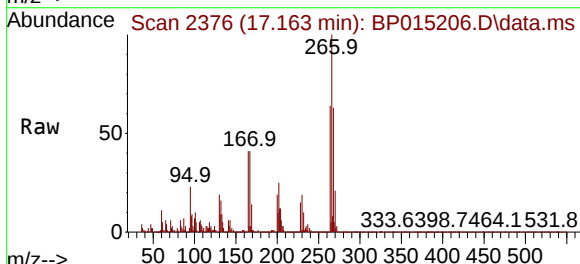
Instrument :
BNA_P
ClientSampleId :
SSTD020724

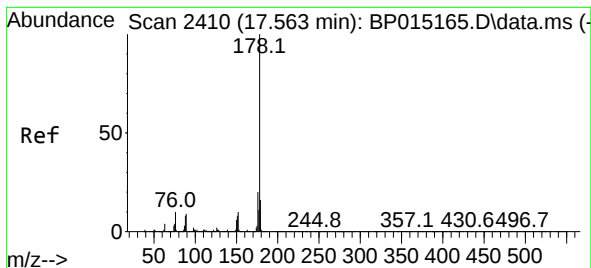
Tgt Ion:200 Resp: 369183
Ion Ratio Lower Upper
200 100
173 26.5 21.4 32.2
215 47.7 38.1 57.1



#71
Pentachlorophenol
Concen: 19.478 ng/ul
RT: 17.163 min Scan# 2376
Delta R.T. -0.000 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion:266 Resp: 224908
Ion Ratio Lower Upper
266 100
264 63.9 51.0 76.4
268 63.2 51.8 77.6





#72

Phenanthrene

Concen: 21.579 ng/u1

RT: 17.557 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020724

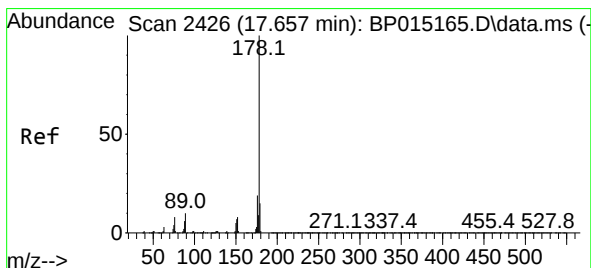
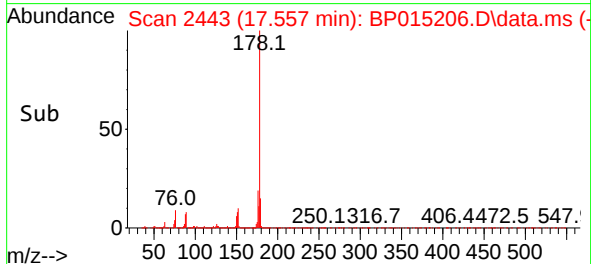
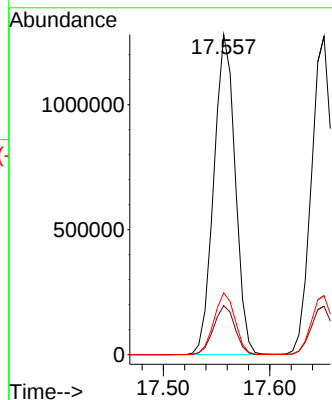
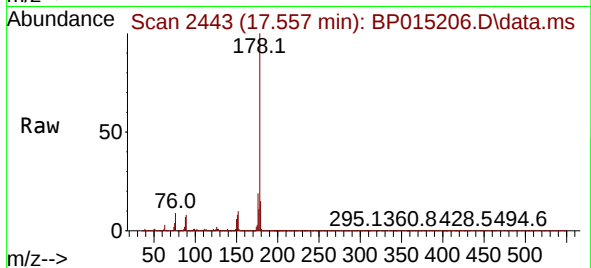
Tgt Ion:178 Resp: 1782036

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.3 15.6 23.4



#74

Anthracene

Concen: 21.283 ng/u1

RT: 17.651 min Scan# 2459

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

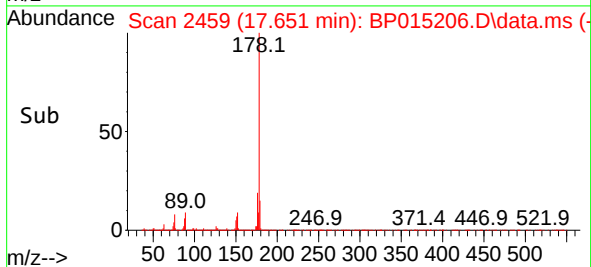
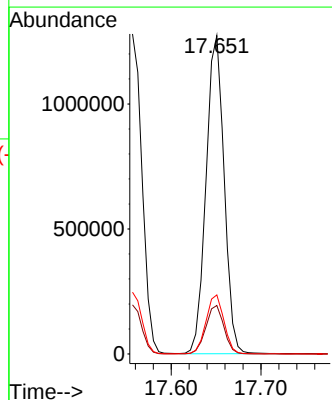
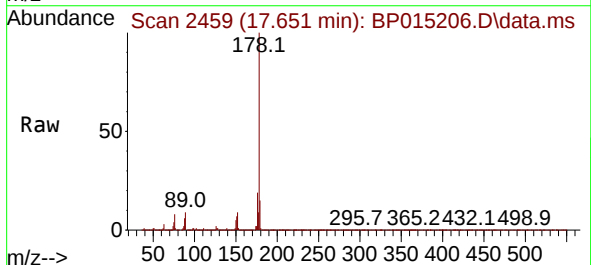
Tgt Ion:178 Resp: 1777270

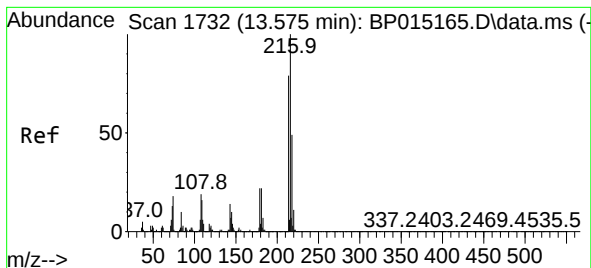
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 18.5 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 23.294 ng/uL

RT: 13.569 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020724

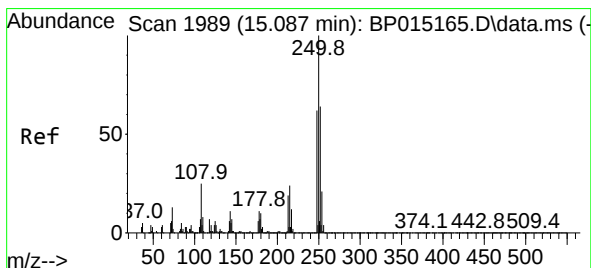
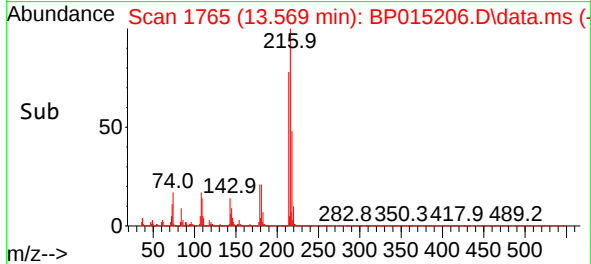
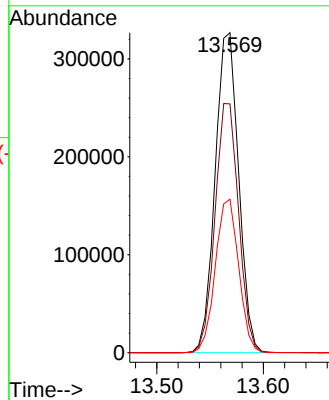
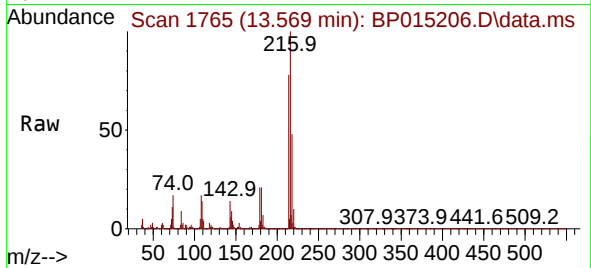
Tgt Ion:216 Resp: 500863

Ion Ratio Lower Upper

216 100

214 77.8 62.2 93.4

218 48.0 38.2 57.2



#76

Pentachlorobenzene

Concen: 23.149 ng/uL

RT: 15.080 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

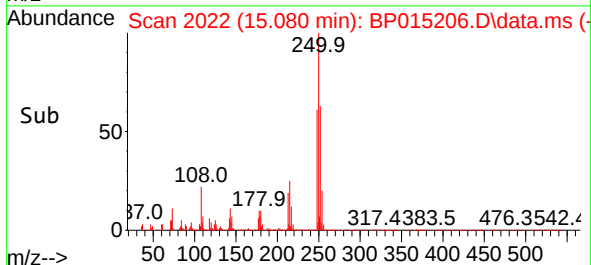
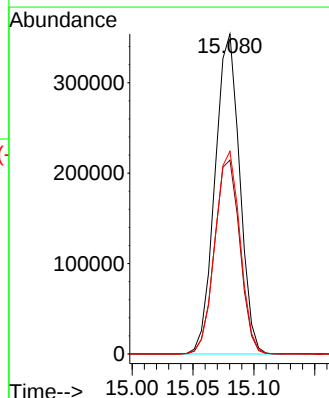
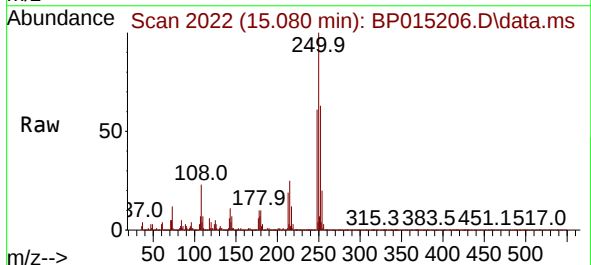
Tgt Ion:250 Resp: 499778

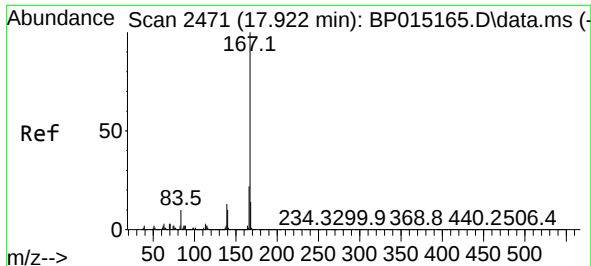
Ion Ratio Lower Upper

250 100

248 60.6 49.8 74.6

252 63.3 51.6 77.4

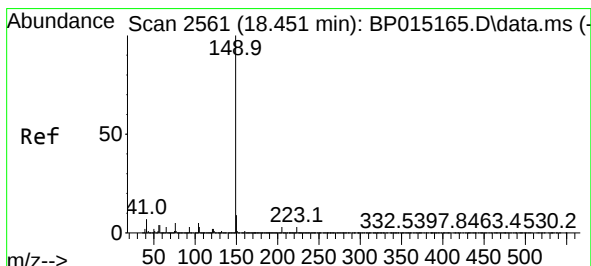
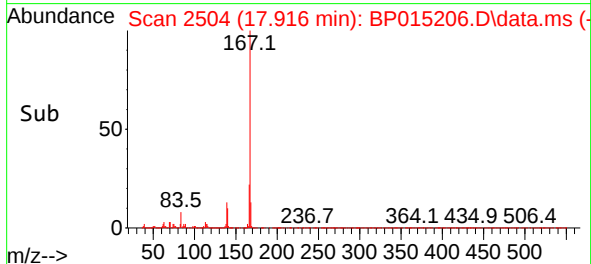
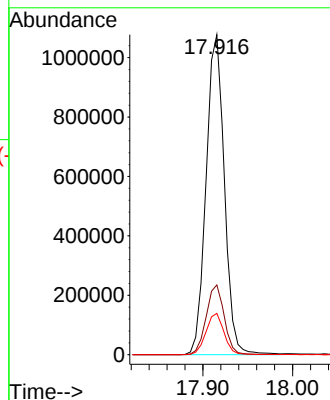
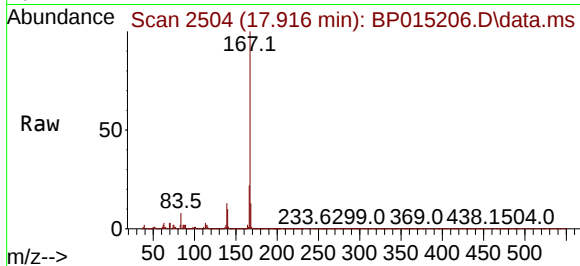




#77
 Carbazole
 Concen: 20.791 ng/ul
 RT: 17.916 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP015206.D
 Acq: 22 May 2023 09:54

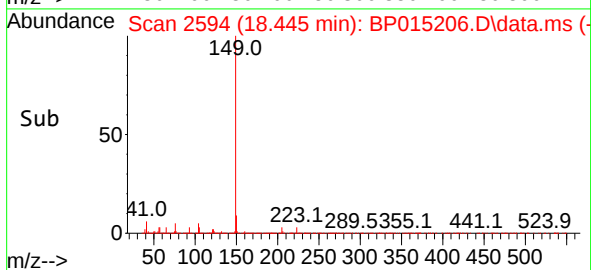
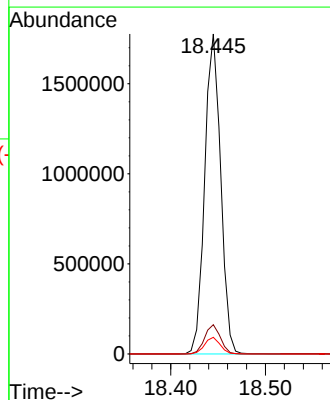
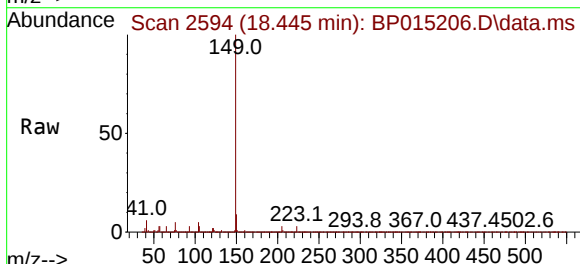
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020724

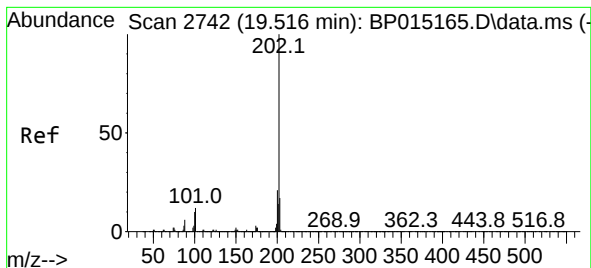
Tgt Ion:167 Resp: 1522447
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 12.9 10.2 15.4



#78
 Di-n-butylphthalate
 Concen: 21.994 ng/ul
 RT: 18.445 min Scan# 2594
 Delta R.T. -0.006 min
 Lab File: BP015206.D
 Acq: 22 May 2023 09:54

Tgt Ion:149 Resp: 2074013
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.2 3.9 5.9





#80

Fluoranthene

Concen: 25.992 ng/u1

RT: 19.510 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020724

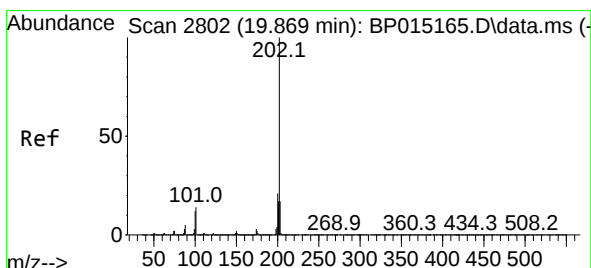
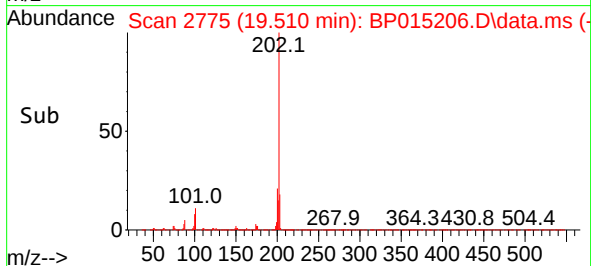
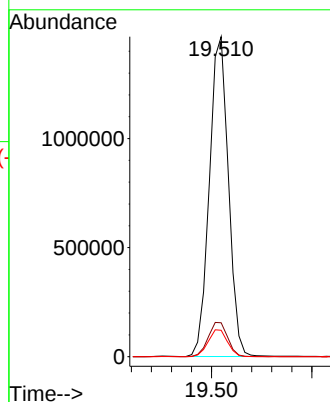
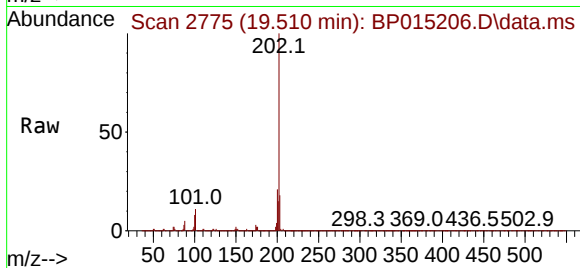
Tgt Ion:202 Resp: 1937464

Ion Ratio Lower Upper

202 100

101 10.6 9.5 14.3

100 8.3 7.3 10.9



#82

Pyrene

Concen: 25.068 ng/u1

RT: 19.862 min Scan# 2835

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

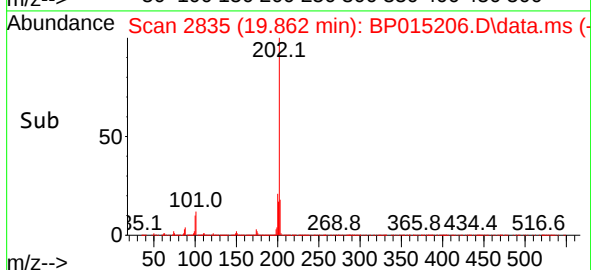
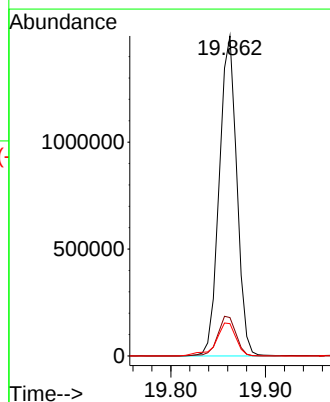
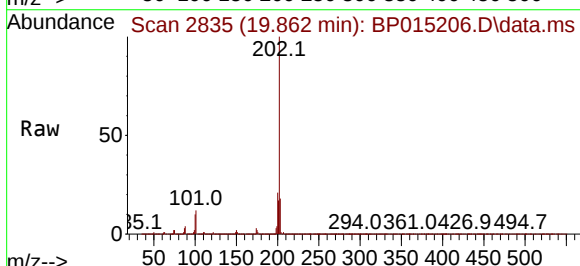
Tgt Ion:202 Resp: 1929626

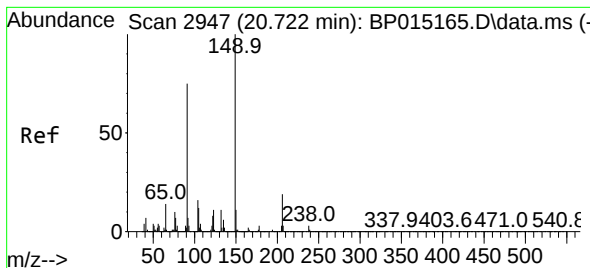
Ion Ratio Lower Upper

202 100

101 12.0 11.2 16.8

100 10.1 9.0 13.6





#83

Butylbenzylphthalate

Concen: 24.665 ng/ul

RT: 20.715 min Scan# 2947

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020724

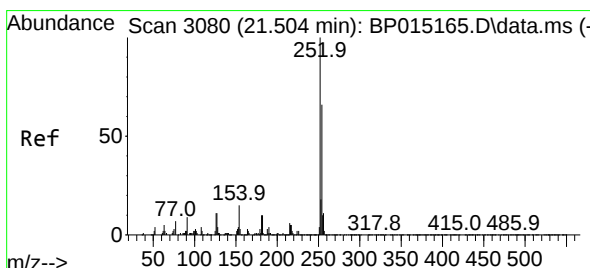
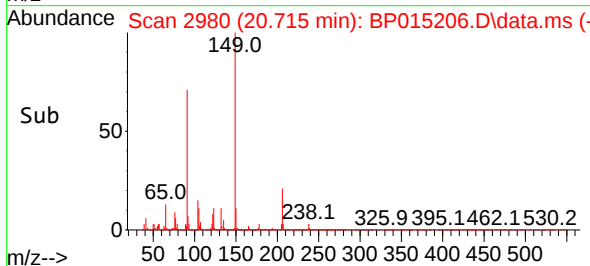
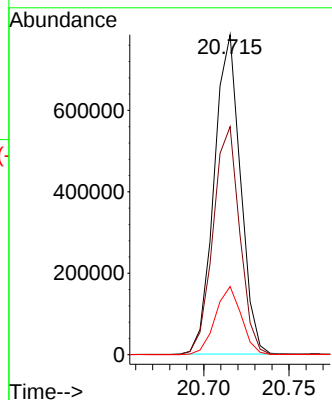
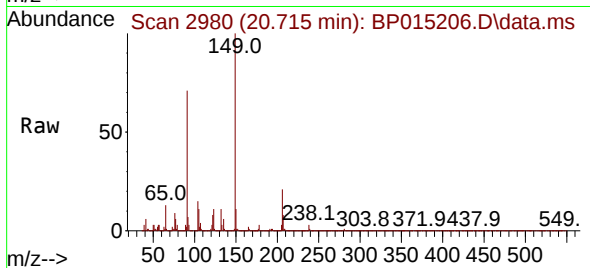
Tgt Ion:149 Resp: 841705

Ion Ratio Lower Upper

149 100

91 71.2 57.4 86.2

206 21.3 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 20.592 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

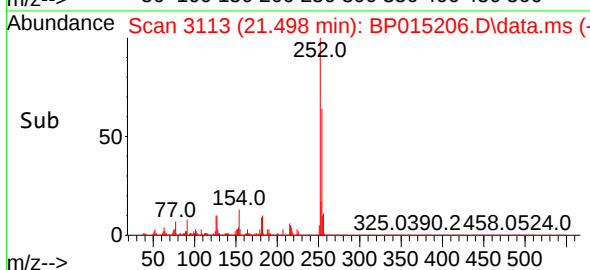
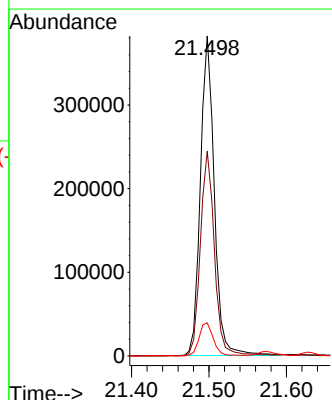
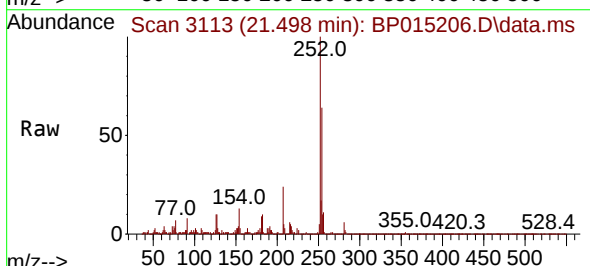
Tgt Ion:252 Resp: 476878

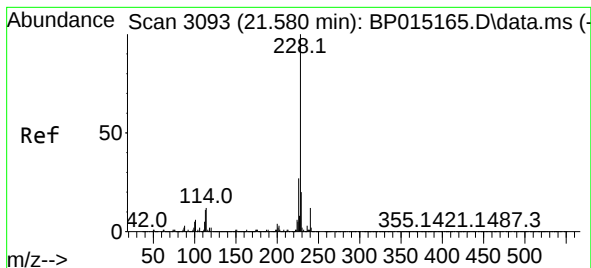
Ion Ratio Lower Upper

252 100

254 64.0 50.8 76.2

126 10.4 9.8 14.8





#85

Benzo(a)anthracene

Concen: 22.168 ng/ul

RT: 21.574 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020724

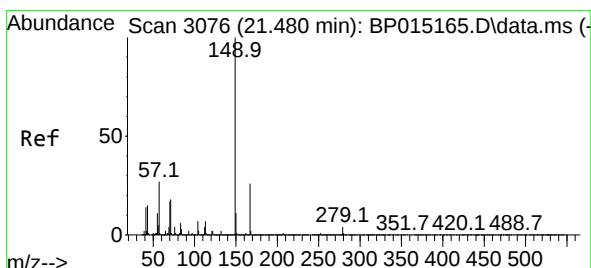
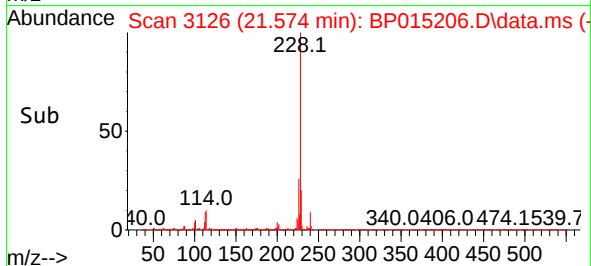
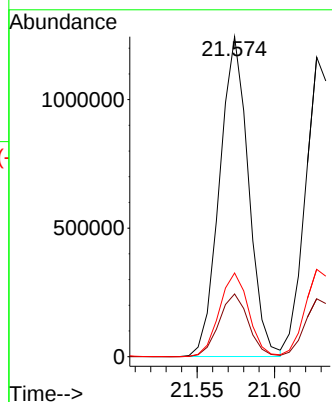
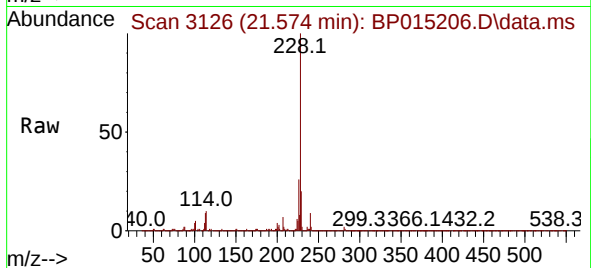
Tgt Ion:228 Resp: 1616268

Ion Ratio Lower Upper

228 100

229 19.6 16.1 24.1

226 26.2 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 25.299 ng/ul

RT: 21.468 min Scan# 3108

Delta R.T. -0.012 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

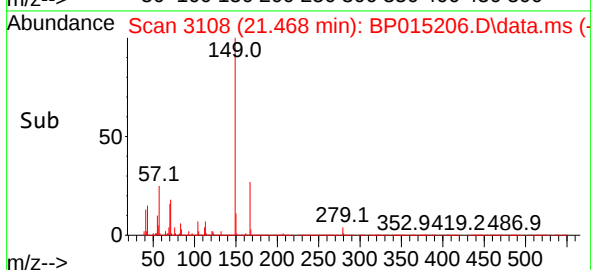
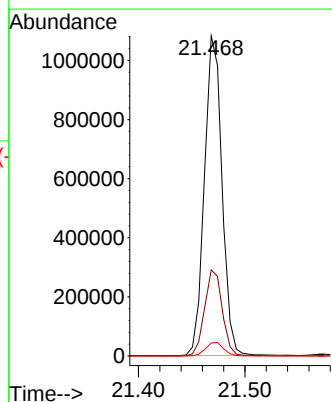
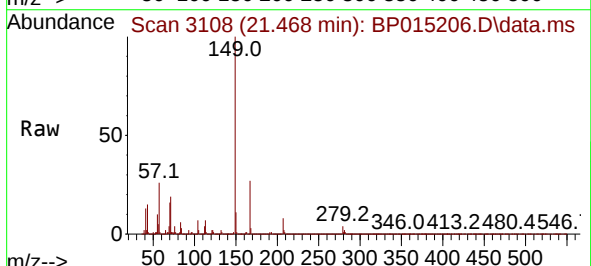
Tgt Ion:149 Resp: 1242914

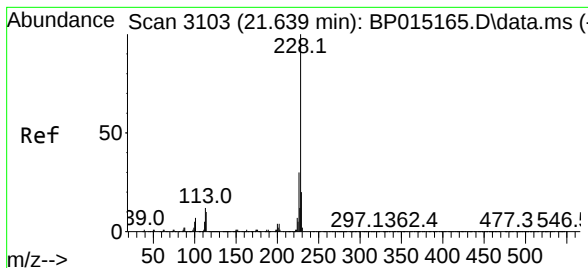
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

279 4.1 3.2 4.8





#87

Chrysene

Concen: 21.611 ng/ul

RT: 21.627 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020724

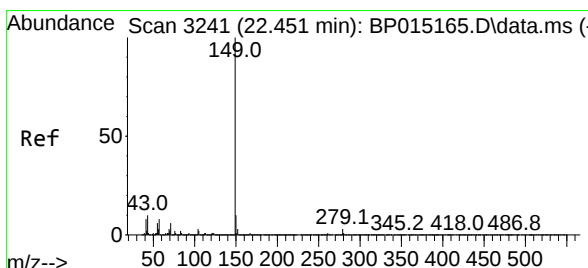
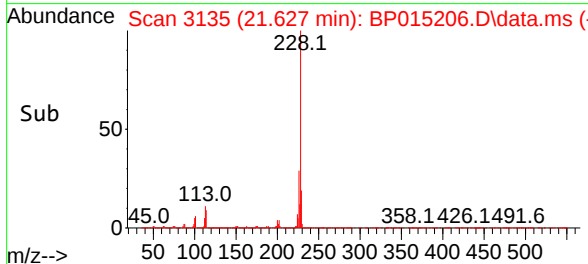
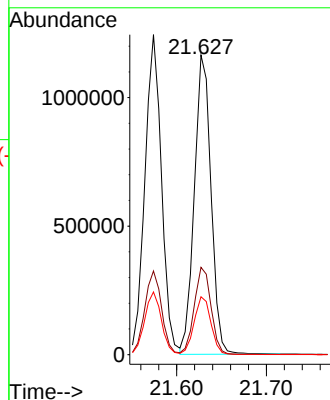
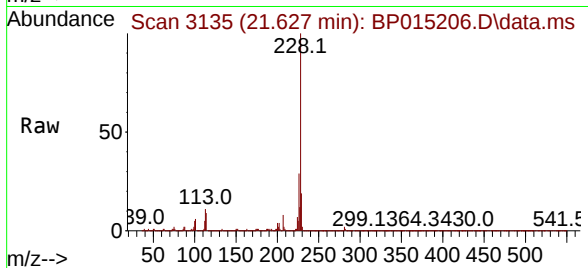
Tgt Ion:228 Resp: 1506244

Ion Ratio Lower Upper

228 100

226 29.2 25.0 37.6

229 19.3 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 24.708 ng/ul

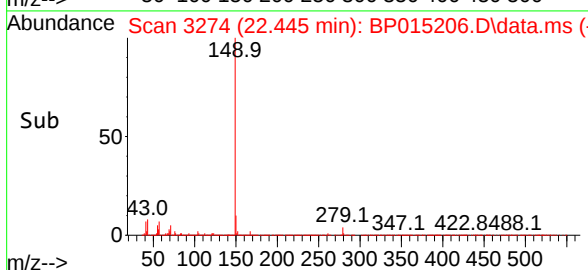
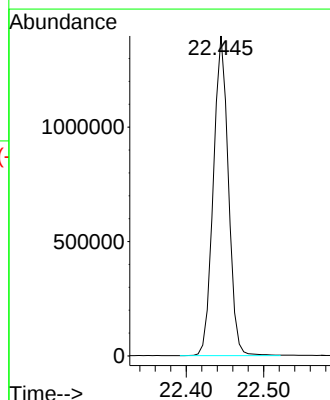
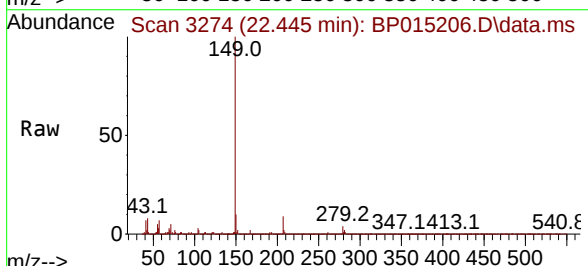
RT: 22.445 min Scan# 3274

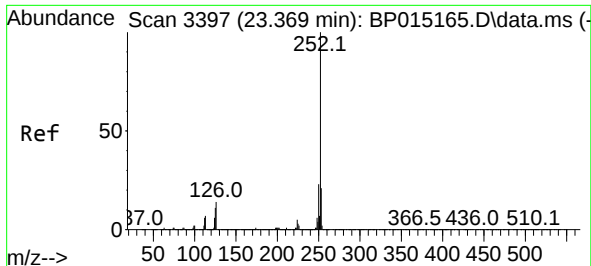
Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

Tgt Ion:149 Resp: 1883651

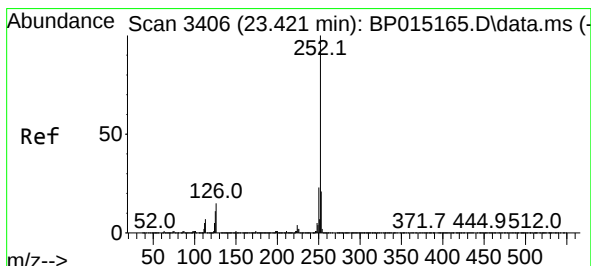
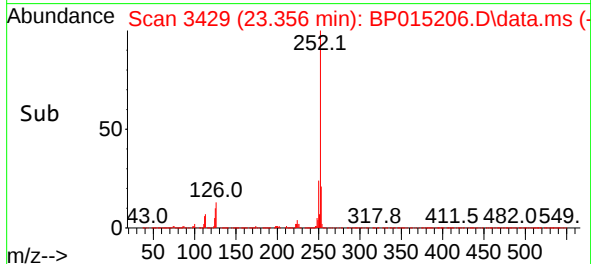
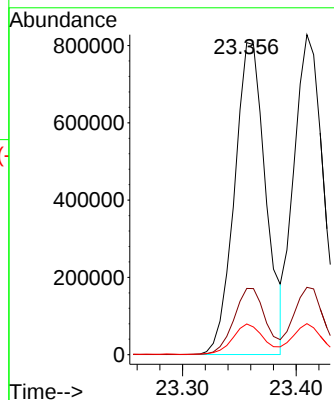
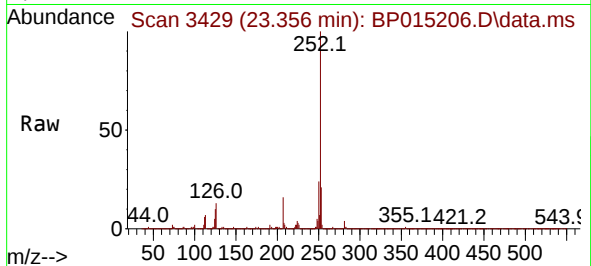




#90
Benzo(b)fluoranthene
Concen: 21.886 ng/ul
RT: 23.356 min Scan# 341
Delta R.T. -0.012 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

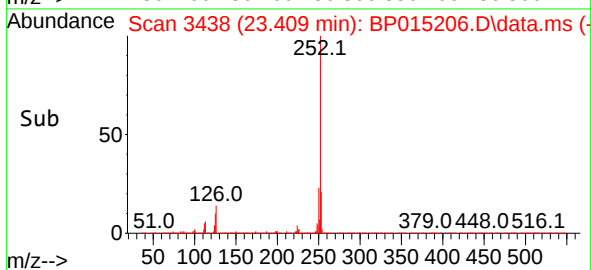
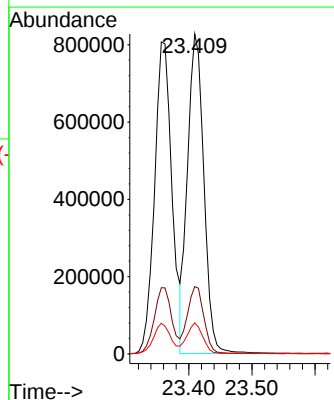
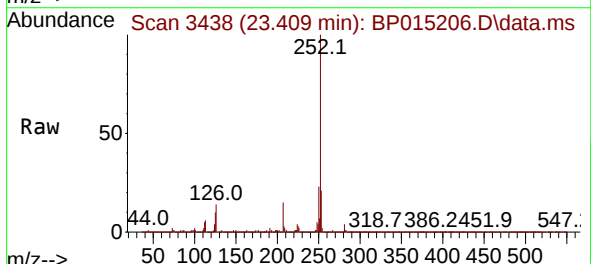
Instrument :
BNA_P
ClientSampleId :
SSTD020724

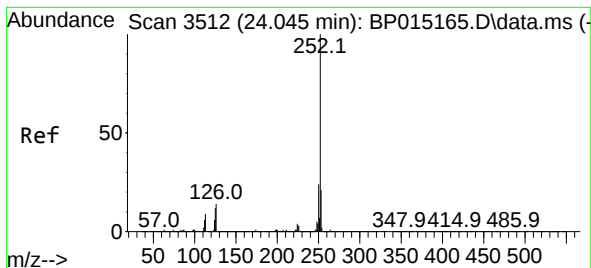
Tgt Ion:252 Resp: 1544453
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 9.8 8.3 12.5



#91
Benzo(k)fluoranthene
Concen: 21.962 ng/ul
RT: 23.409 min Scan# 3438
Delta R.T. -0.012 min
Lab File: BP015206.D
Acq: 22 May 2023 09:54

Tgt Ion:252 Resp: 1488117
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 9.7 8.5 12.7





#93

Benzo(a)pyrene

Concen: 21.293 ng/ul

RT: 24.039 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020724

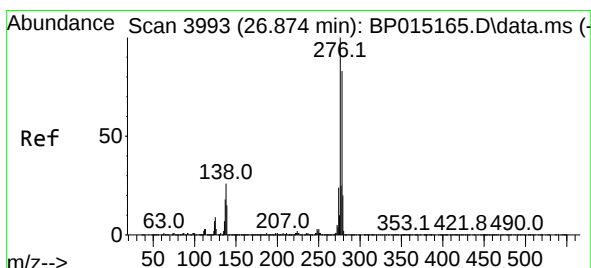
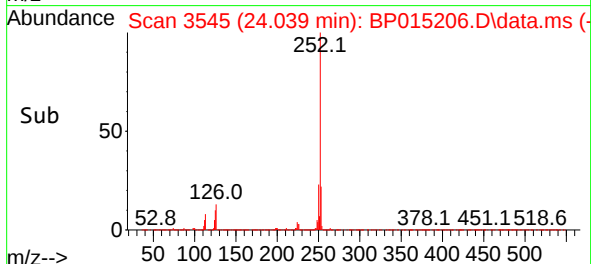
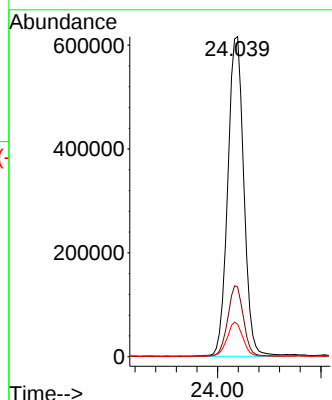
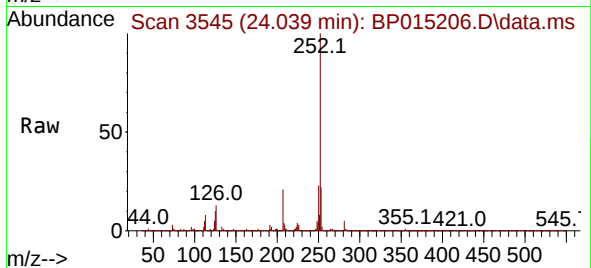
Tgt Ion:252 Resp: 1328099

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.2 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.444 ng/ul

RT: 26.856 min Scan# 4024

Delta R.T. -0.012 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

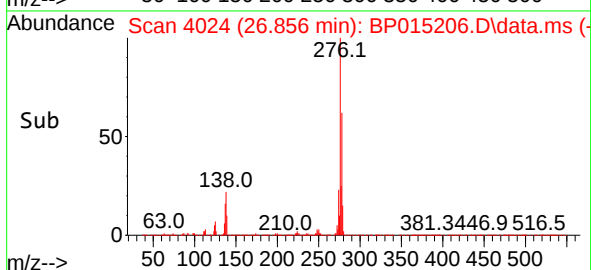
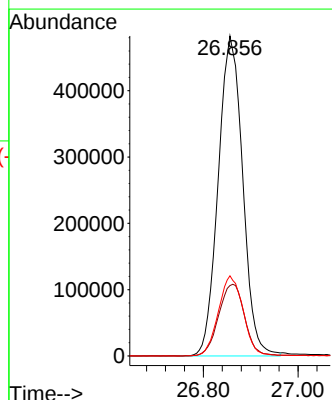
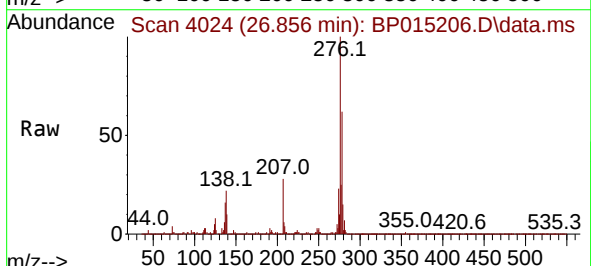
Tgt Ion:276 Resp: 1731897

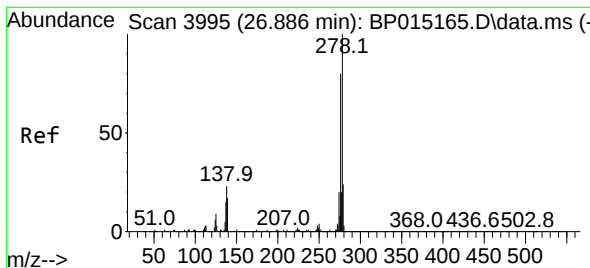
Ion Ratio Lower Upper

276 100

138 22.0 20.1 30.1

277 25.0 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 21.421 ng/ul

RT: 26.874 min Scan# 410

Delta R.T. -0.012 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SSTD020724

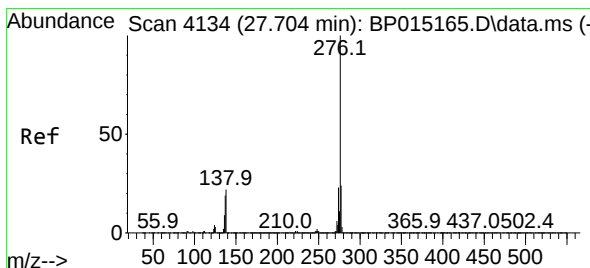
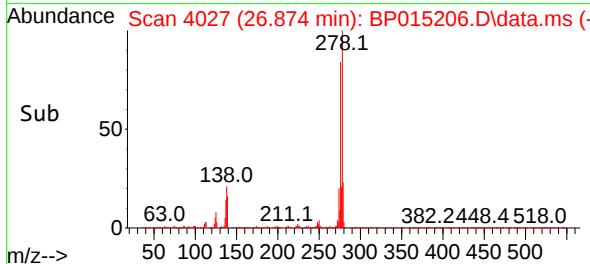
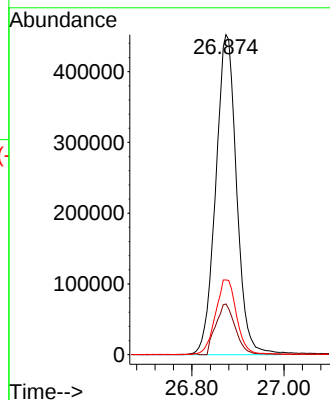
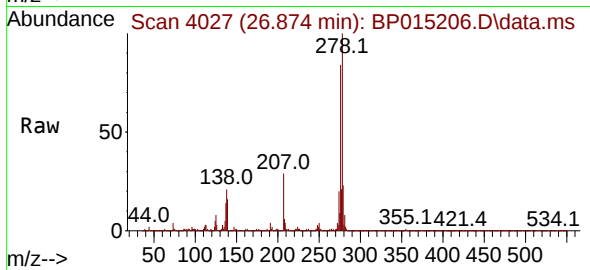
Tgt Ion:278 Resp: 1420109

Ion Ratio Lower Upper

278 100

139 15.8 13.3 19.9

279 23.4 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 21.851 ng/ul

RT: 27.691 min Scan# 4166

Delta R.T. -0.012 min

Lab File: BP015206.D

Acq: 22 May 2023 09:54

Tgt Ion:276 Resp: 1439045

Ion Ratio Lower Upper

276 100

138 20.5 17.7 26.5

277 23.7 18.8 28.2

