

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050923\
 Data File : BP015022.D
 Acq On : 09 May 2023 17:31
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020704

Quant Time: May 09 22:14:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	314551	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	1402565	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	869171	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	1868058	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	1478593	20.000	ng/u1	0.01
88) Perylene-d12	24.257	264	1286974	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	56821	6.717	ng/uL	0.00
4) Pyridine-d5	3.893	84	364142	15.748	ng/u1	0.00
7) Phenol-d5	7.305	99	478711	17.554	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	283246	16.804	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	365500	18.227	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	383965	18.270	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	188035	18.850	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	210443	20.545	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	387108	19.248	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	531864	18.283	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	1093900	17.783	ng/u1	0.00
49) Acenaphthylene-d8	14.510	160	1278960	17.336	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	200112	18.699	ng/u1	0.00
60) Fluorene-d10	15.804	176	943398	17.826	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	168979	16.069	ng/u1	0.00
73) Anthracene-d10	17.669	188	1449229	17.266	ng/u1	0.00
81) Pyrene-d10	19.886	212	1610380	16.148	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.086	264	1101171	17.561	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	59530	6.495	ng/uL	98
5) Pyridine	3.917	79	384956	15.992	ng/u1	99
6) Benzaldehyde	7.287	77	158306	21.232	ng/u1	95
8) Phenol	7.334	94	495242	17.297	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.575	93	404908	17.015	ng/u1	99
12) 2-Chlorophenol	7.716	128	385200	17.732	ng/u1	100
13) 2-Methylphenol	8.605	108	383585	17.968	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.693	45	499464	16.547	ng/u1	100
16) Acetophenone	8.999	105	605717	17.627	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.981	70	302246	17.259	ng/u1	98
18) 4-Methylphenol	8.940	108	416748	17.658	ng/u1	97
19) Hexachloroethane	9.257	117	154769	16.421	ng/u1	98
22) Nitrobenzene	9.387	77	458435	17.491	ng/u1	96
23) Isophorone	9.916	82	893126	17.242	ng/u1	99
25) 2-Nitrophenol	10.105	139	229714	19.500	ng/u1	97
26) 2,4-Dimethylphenol	10.157	107	451161	17.647	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.399	93	561702	16.962	ng/u1	99
29) 2,4-Dichlorophenol	10.640	162	389023	18.700	ng/u1	100
30) Naphthalene	11.052	128	1274580	16.532	ng/u1	100
32) 4-Chloroaniline	11.157	127	549475	18.100	ng/u1	99
33) Hexachlorobutadiene	11.334	225	238459	17.765	ng/u1	98
34) Caprolactam	11.934	113	127811	19.943	ng/u1	94
35) 4-Chloro-3-methylphenol	12.269	107	417636	19.529	ng/u1	99
36) 2-Methylnaphthalene	12.651	142	862605	18.093	ng/u1	99

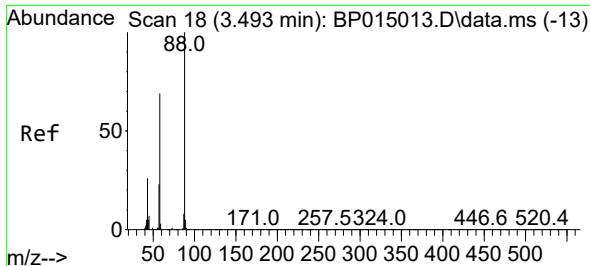
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.869	142	862567	17.552	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.010	216	467285	17.236	ng/ul	99
40) Hexachlorocyclopentadiene	12.993	237	297707	16.285	ng/ul	100
41) 2,4,6-Trichlorophenol	13.246	196	317041	18.978	ng/ul	98
42) 2,4,5-Trichlorophenol	13.322	196	341573	18.970	ng/ul	97
43) 1,1'-Biphenyl	13.646	154	1156451	16.642	ng/ul	99
44) 2-Chloronaphthalene	13.693	162	913498	16.876	ng/ul	100
45) 2-Nitroaniline	13.893	65	250926	19.907	ng/ul	98
47) Dimethylphthalate	14.263	163	1132925	17.515	ng/ul	100
48) 2,6-Dinitrotoluene	14.387	165	234867	20.548	ng/ul	94
50) Acenaphthylene	14.534	152	1405534	16.804	ng/ul	100
51) 3-Nitroaniline	14.710	138	189754	18.347	ng/ul	97
52) Acenaphthene	14.875	153	953070	16.466	ng/ul	98
53) 2,4-Dinitrophenol	14.922	184	103170	14.830	ng/ul	90
55) 4-Nitrophenol	15.010	109	149791	18.388	ng/ul	96
56) Dibenzofuran	15.210	168	1337977	17.132	ng/ul	100
57) 2,4-Dinitrotoluene	15.169	165	334009	20.863	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.434	232	294424	20.092	ng/ul	93
59) Diethylphthalate	15.622	149	1126908	18.438	ng/ul	98
61) Fluorene	15.863	166	1065430	17.294	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.845	204	529895	17.576	ng/ul	98
63) 4-Nitroaniline	15.875	138	167664	19.423	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.934	198	176166	15.793	ng/ul	97
67) N-Nitrosodiphenylamine	16.063	169	922473	16.270	ng/ul	99
68) 4-Bromophenyl-phenylether	16.745	248	345185	17.763	ng/ul	97
69) Hexachlorobenzene	16.869	284	398017	17.388	ng/ul	97
70) Atrazine	17.016	200	347473	18.212	ng/ul	99
71) Pentachlorophenol	17.216	266	233074	17.443	ng/ul	98
72) Phenanthrene	17.616	178	1710804	16.577	ng/ul	100
74) Anthracene	17.704	178	1725289	16.791	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.616	216	480588	15.541	ng/ul	98
76) Pentachlorobenzene	15.128	250	470819	16.003	ng/ul	99
77) Carbazole	17.969	167	1550202	17.938	ng/ul	99
78) Di-n-butylphthalate	18.498	149	1941668	20.092	ng/ul	100
80) Fluoranthene	19.563	202	1987147	16.239	ng/ul	99
82) Pyrene	19.916	202	2017240	15.560	ng/ul	98
83) Butylbenzylphthalate	20.769	149	864125	22.200	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.557	252	521147	20.941	ng/ul	98
85) Benzo(a)anthracene	21.639	228	1744128	17.673	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	1249958	25.522	ng/ul	99
87) Chrysene	21.692	228	1648587	16.590	ng/ul	99
89) Di-n-octyl phthalate	22.527	149	2047801	27.252	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	1512742	18.187	ng/ul	100
91) Benzo(k)fluoranthene	23.504	252	1441177	17.025	ng/ul	98
93) Benzo(a)pyrene	24.139	252	1246680	17.091	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.021	276	1541723	17.327	ng/ul	99
95) Dibenzo(a,h)anthracene	27.045	278	1270923	17.427	ng/ul	99
96) Benzo(g,h,i)perylene	27.874	276	1276627	16.858	ng/ul	97

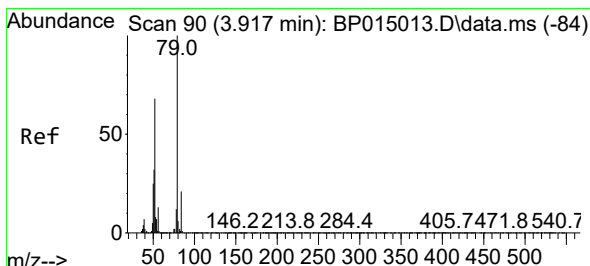
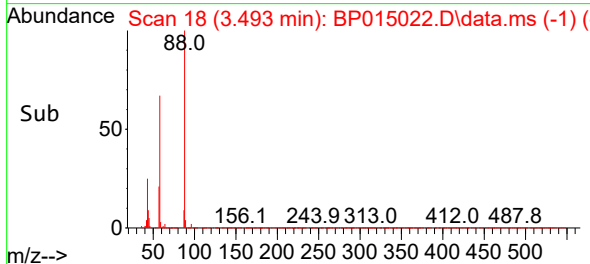
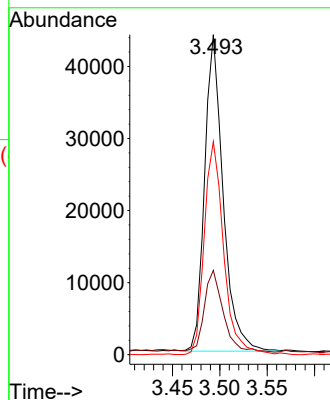
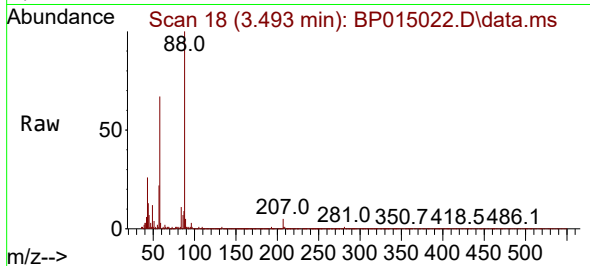
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#2
1,4-Dioxane
Concen: 6.495 ng/uL
RT: 3.493 min Scan# 18
Delta R.T. -0.006 min
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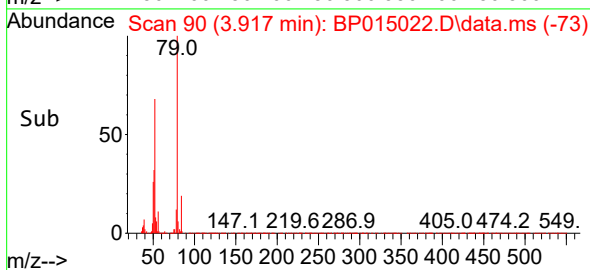
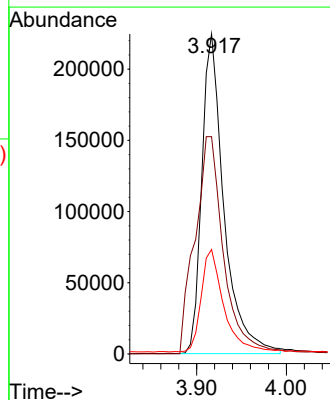
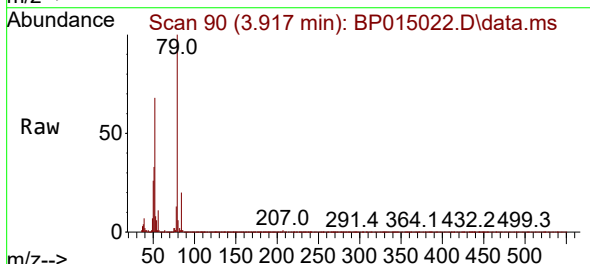
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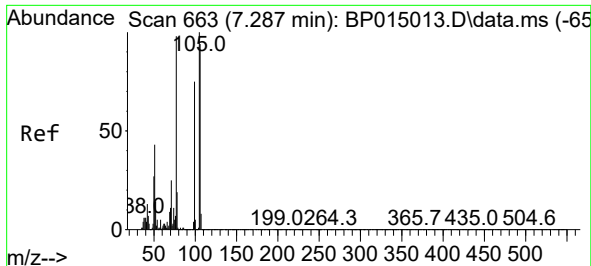
Tgt Ion: 88 Resp: 59530
Ion Ratio Lower Upper
88 100
43 26.4 20.6 31.0
58 66.5 54.4 81.6



#5
Pyridine
Concen: 15.992 ng/uL
RT: 3.917 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion: 79 Resp: 384956
Ion Ratio Lower Upper
79 100
52 67.9 54.7 82.1
51 32.7 25.5 38.3

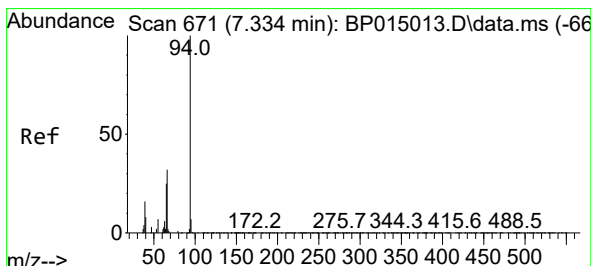
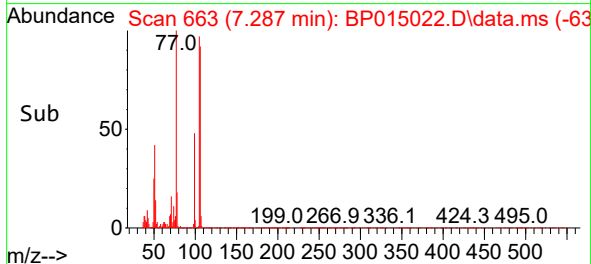
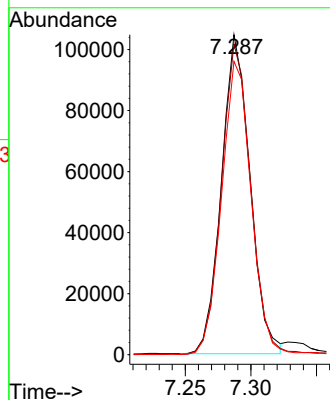
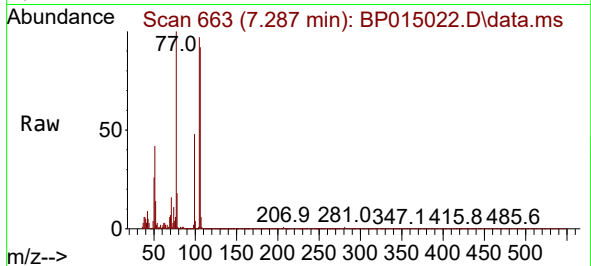




#6
Benzaldehyde
Concen: 21.232 ng/ul
RT: 7.287 min Scan# 663
Delta R.T. -0.006 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

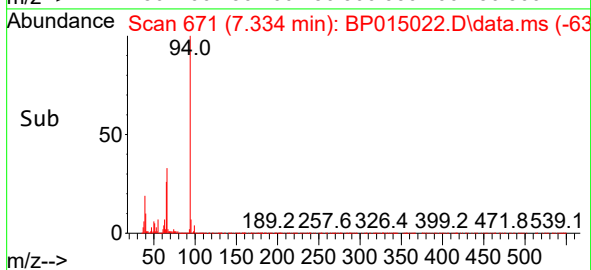
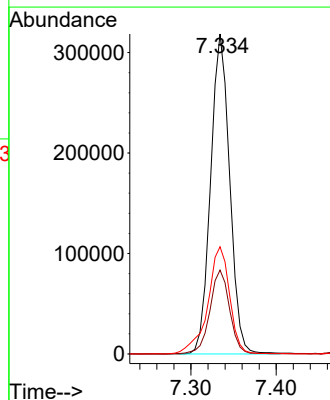
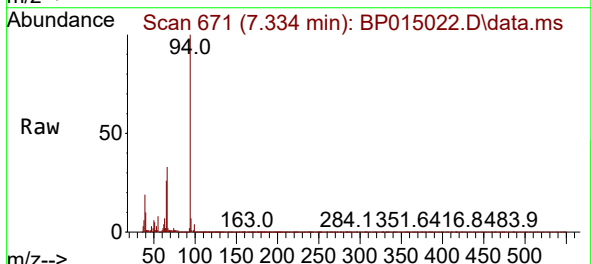
Instrument :
BNA_P
ClientSampleId :
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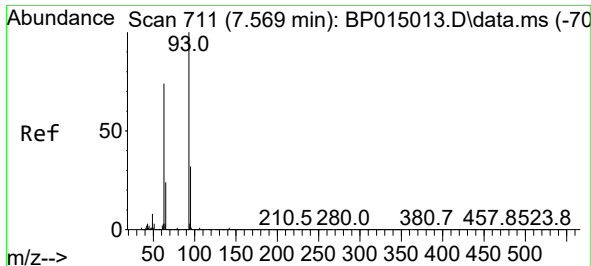
Tgt Ion: 77 Resp: 158306
Ion Ratio Lower Upper
77 100
105 97.1 80.7 121.1
106 91.6 77.6 116.4



#8
Phenol
Concen: 17.297 ng/ul
RT: 7.334 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion: 94 Resp: 495242
Ion Ratio Lower Upper
94 100
65 26.2 21.4 32.0
66 33.5 25.8 38.8

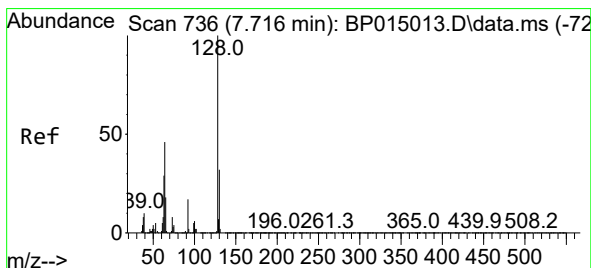
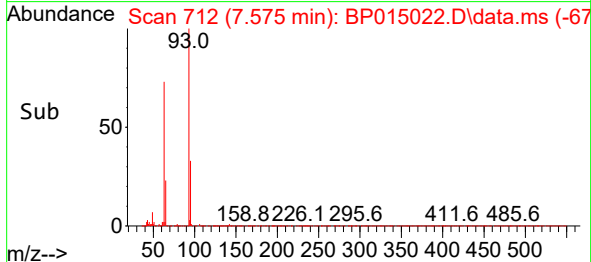
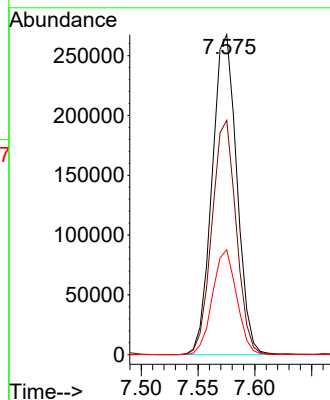
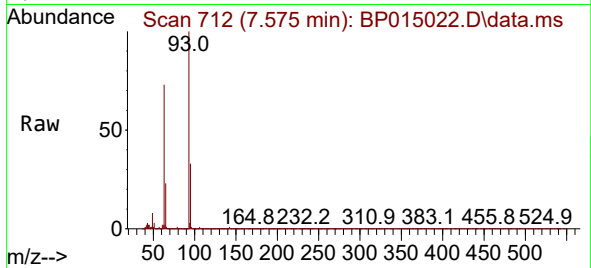




#10
Bis(2-Chloroethyl)ether
Concen: 17.015 ng/ul
RT: 7.575 min Scan# 711
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

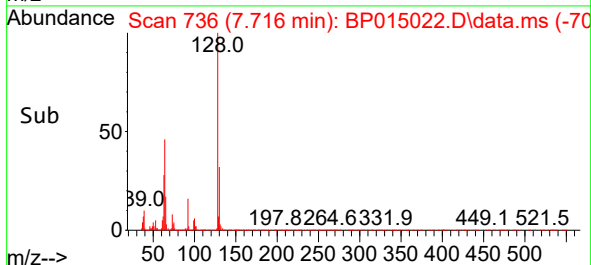
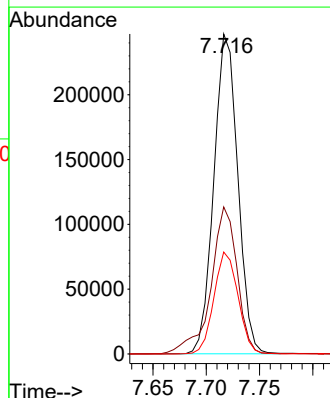
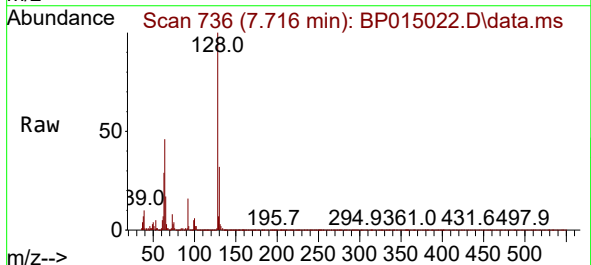
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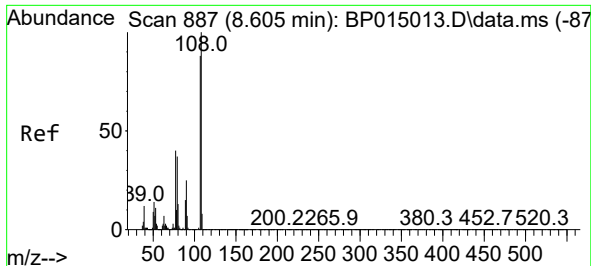
Tgt Ion: 93 Resp: 404908
Ion Ratio Lower Upper
93 100
63 73.3 58.1 87.1
95 32.8 26.0 39.0



#12
2-Chlorophenol
Concen: 17.732 ng/ul
RT: 7.716 min Scan# 736
Delta R.T. -0.006 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:128 Resp: 385200
Ion Ratio Lower Upper
128 100
64 46.0 36.6 55.0
130 31.9 25.8 38.8





#13

2-Methylphenol

Concen: 17.968 ng/ul

RT: 8.605 min Scan# 887

Delta R.T. -0.006 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Instrument :

BNA_P

ClientSampleId :

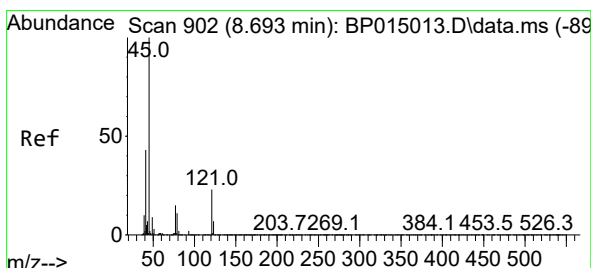
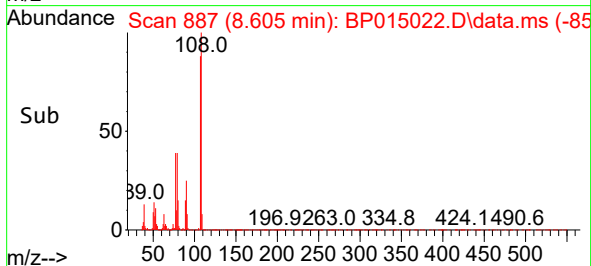
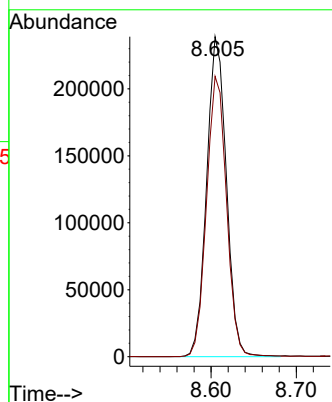
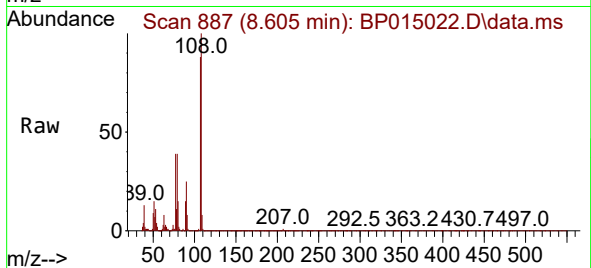
SSTD020704

Tgt Ion:108 Resp: 383585

Ion Ratio Lower Upper

108 100

107 87.6 71.7 107.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.547 ng/ul

RT: 8.693 min Scan# 902

Delta R.T. -0.006 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

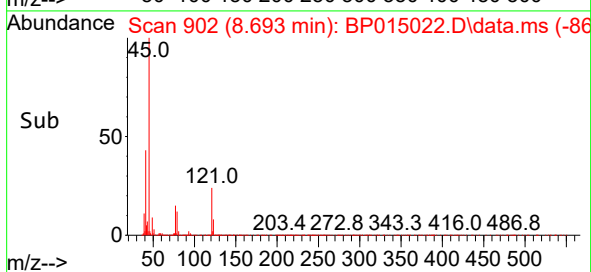
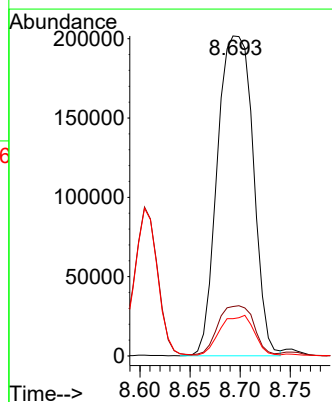
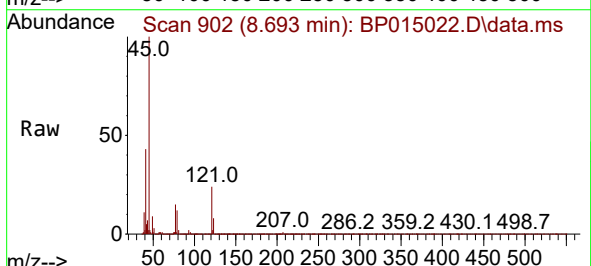
Tgt Ion: 45 Resp: 499464

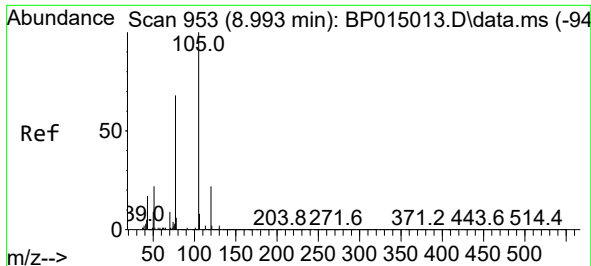
Ion Ratio Lower Upper

45 100

77 15.5 12.3 18.5

79 11.7 9.5 14.3

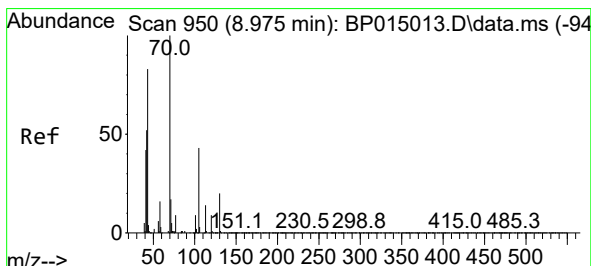
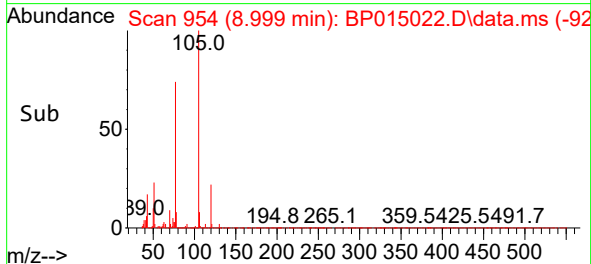
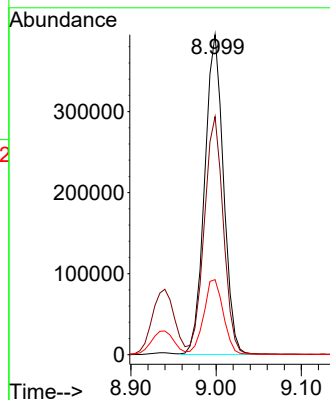
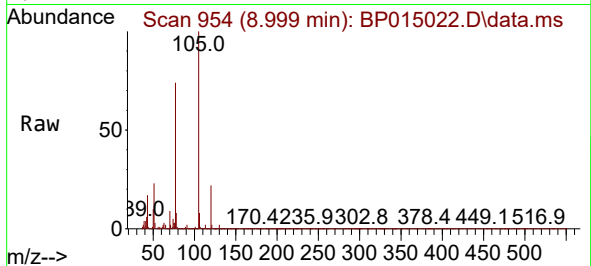




#16
Acetophenone
Concen: 17.627 ng/ul
RT: 8.999 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

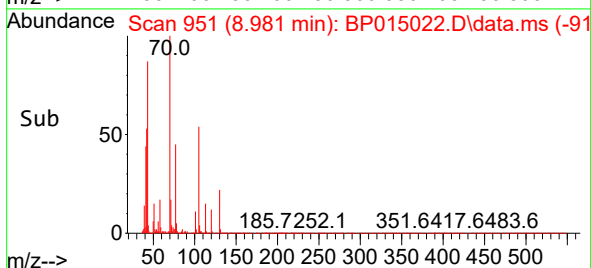
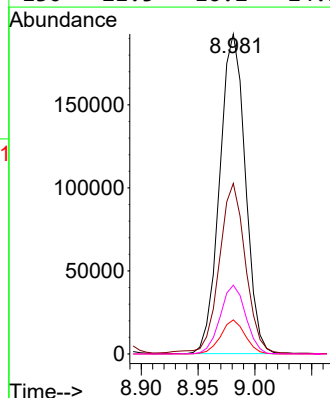
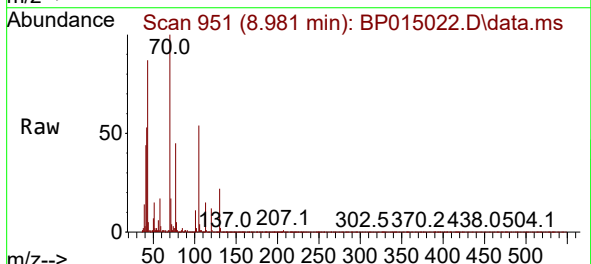
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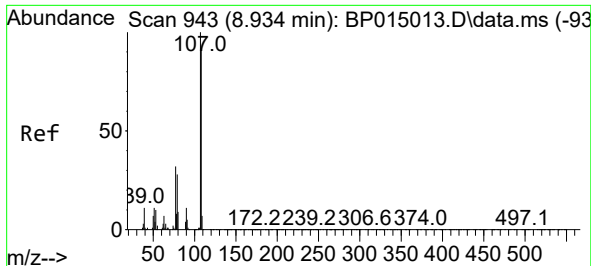
Tgt Ion:105 Resp: 605717
Ion Ratio Lower Upper
105 100
77 74.4 61.2 91.8
51 23.5 19.4 29.2



#17
N-Nitroso-di-n-propylamine
Concen: 17.259 ng/ul
RT: 8.981 min Scan# 951
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion: 70 Resp: 302246
Ion Ratio Lower Upper
70 100
42 53.3 41.9 62.9
101 10.7 7.7 11.5
130 21.5 16.2 24.2

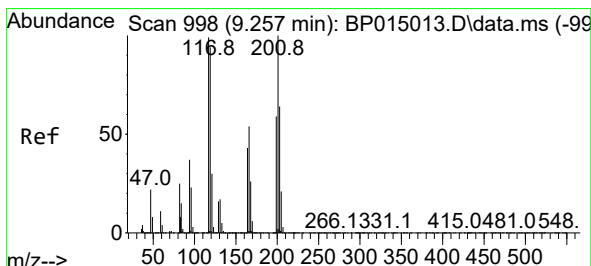
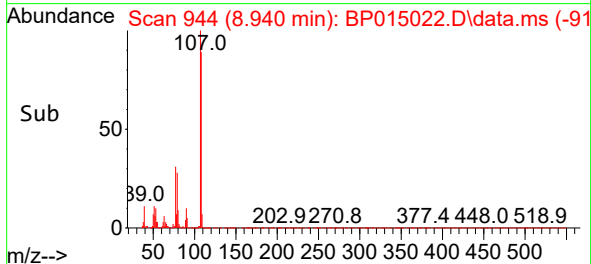
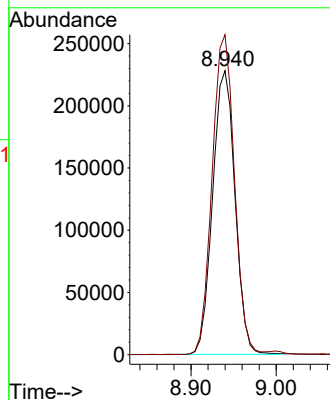
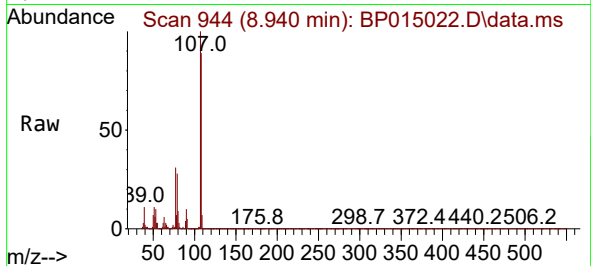




#18
4-Methylphenol
Concen: 17.658 ng/ul
RT: 8.940 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

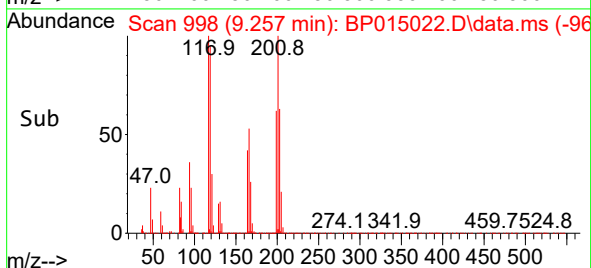
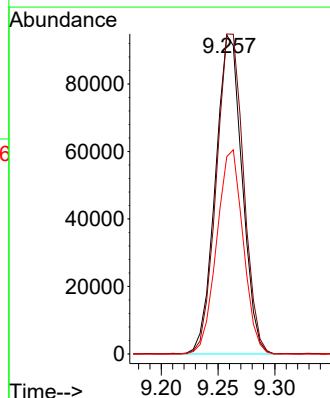
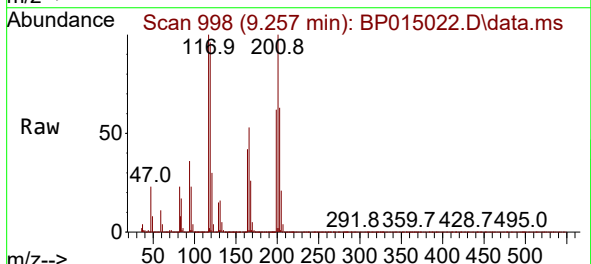
Instrument :
BNA_P
ClientSampleId :
SSTD020704

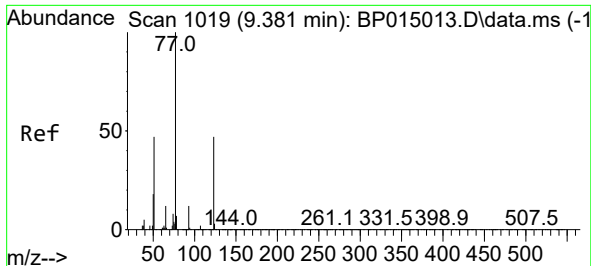
Tgt Ion:108 Resp: 416748
Ion Ratio Lower Upper
108 100
107 112.6 87.2 130.8



#19
Hexachloroethane
Concen: 16.421 ng/ul
RT: 9.257 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:117 Resp: 154769
Ion Ratio Lower Upper
117 100
201 100.4 78.9 118.3
199 61.9 48.3 72.5

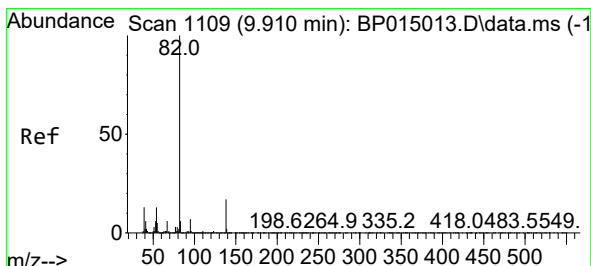
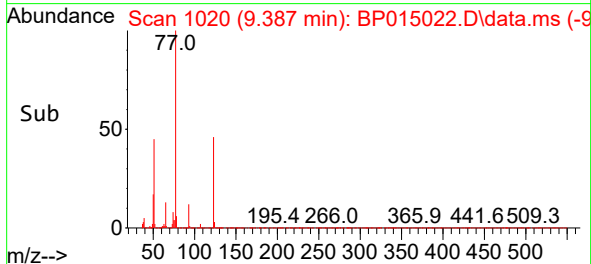
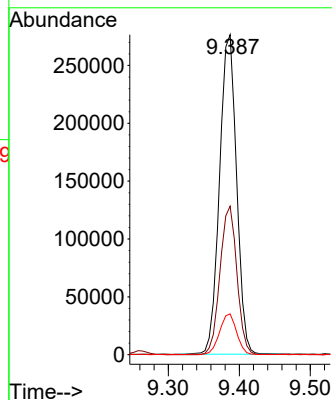
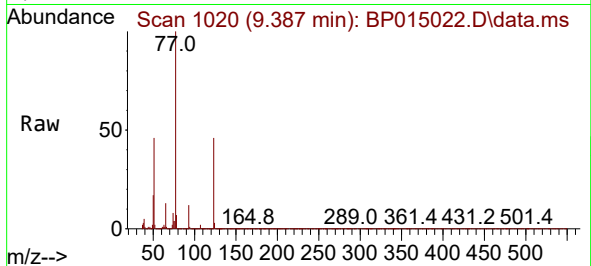




#22
Nitrobenzene
Concen: 17.491 ng/ul
RT: 9.387 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

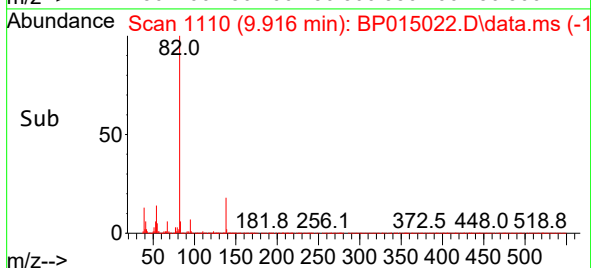
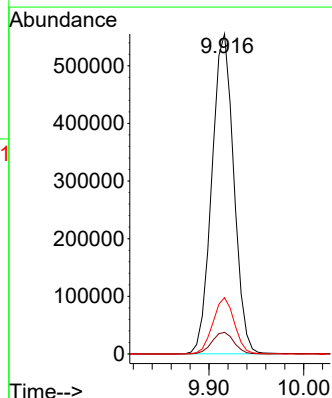
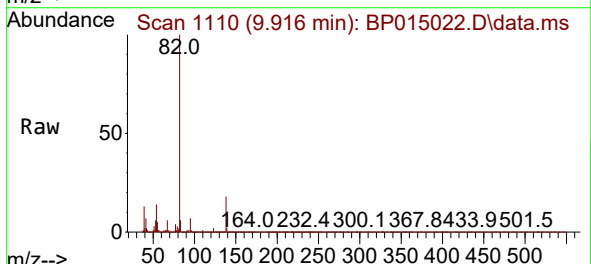
Instrument :
BNA_P
ClientSampleId :
SSTD020704

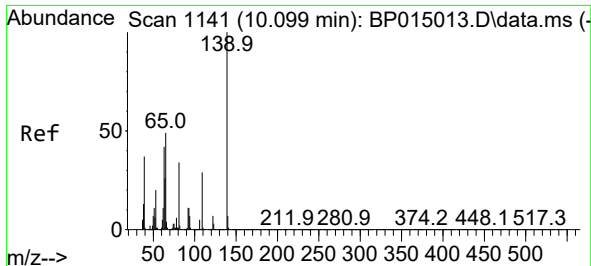
Tgt Ion: 77 Resp: 458435
Ion Ratio Lower Upper
77 100
123 46.4 34.8 52.2
65 12.7 10.2 15.2



#23
Isophorone
Concen: 17.242 ng/ul
RT: 9.916 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion: 82 Resp: 893126
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 17.6 13.9 20.9

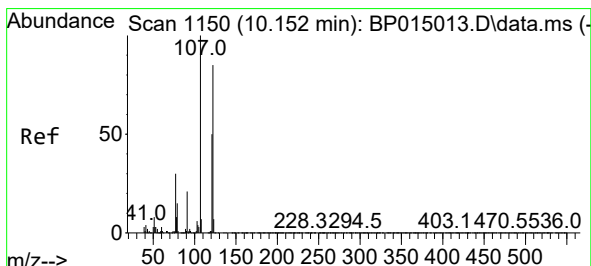
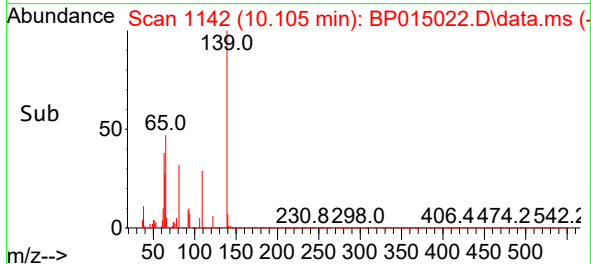
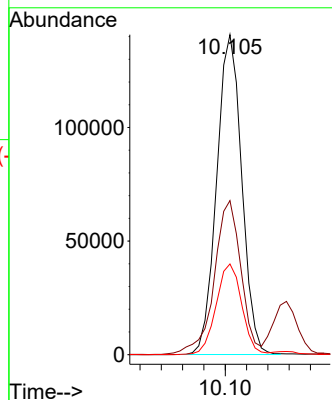
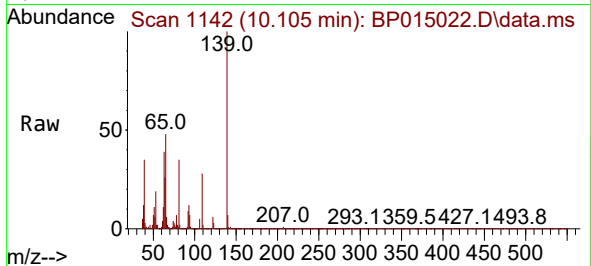




#25
2-Nitrophenol
Concen: 19.500 ng/ul
RT: 10.105 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

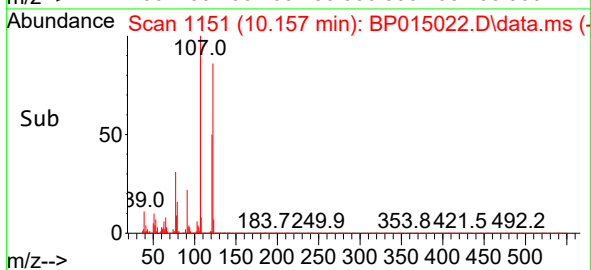
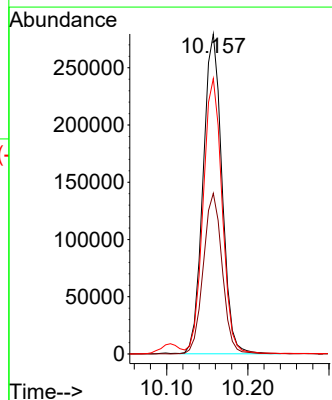
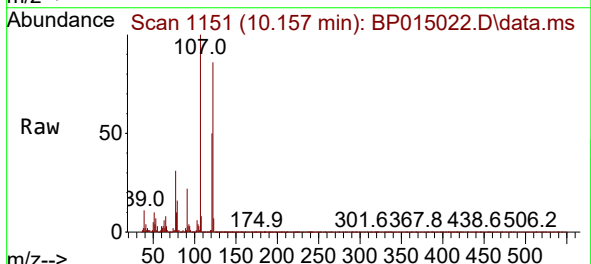
Instrument :
BNA_P
ClientSampleId :
SSTD020704

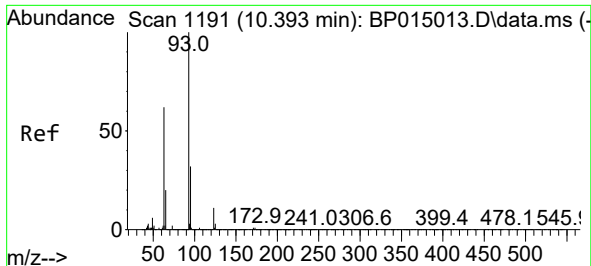
Tgt Ion:139 Resp: 229714
Ion Ratio Lower Upper
139 100
65 48.2 40.5 60.7
109 28.3 22.4 33.6



#26
2,4-Dimethylphenol
Concen: 17.647 ng/ul
RT: 10.157 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:107 Resp: 451161
Ion Ratio Lower Upper
107 100
121 50.2 40.2 60.2
122 86.1 69.6 104.4





#27

Bis(2-Chloroethoxy)methane

Concen: 16.962 ng/ul

RT: 10.399 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Instrument :

BNA_P

ClientSampleId :

SSTD020704

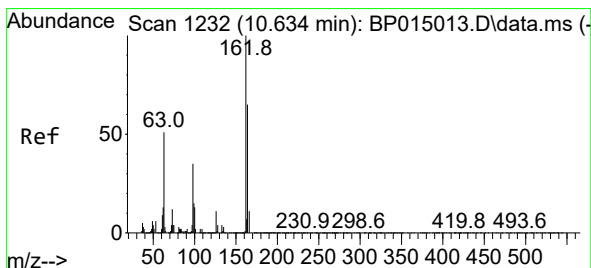
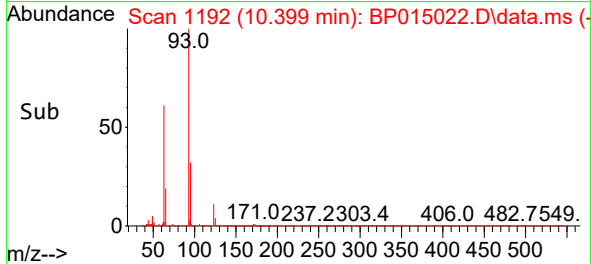
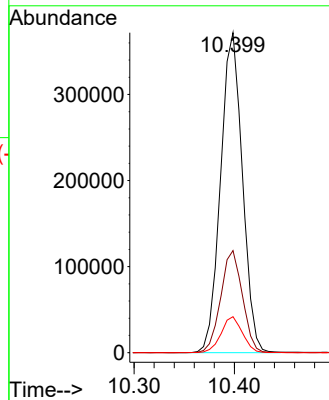
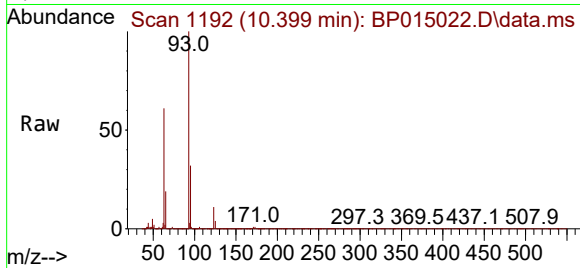
Tgt Ion: 93 Resp: 561702

Ion Ratio Lower Upper

93 100

95 31.9 26.1 39.1

123 11.3 9.0 13.4



#29

2,4-Dichlorophenol

Concen: 18.700 ng/ul

RT: 10.640 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

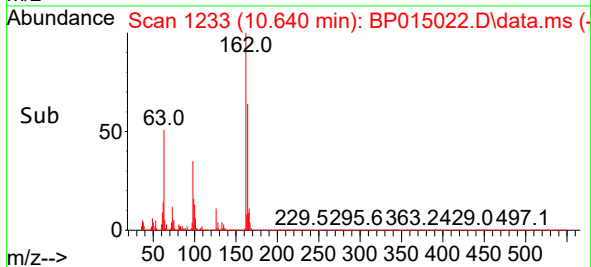
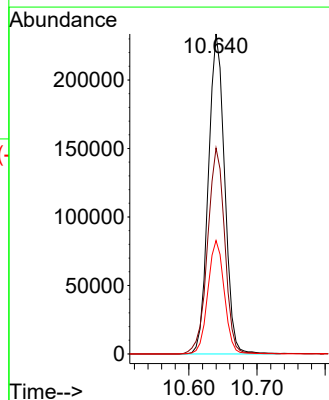
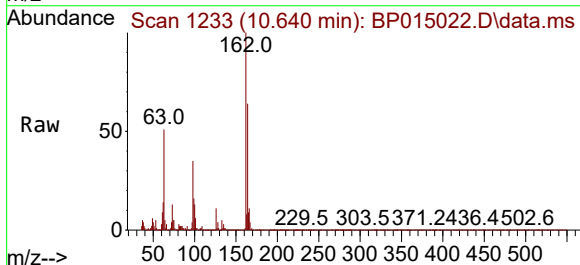
Tgt Ion: 162 Resp: 389023

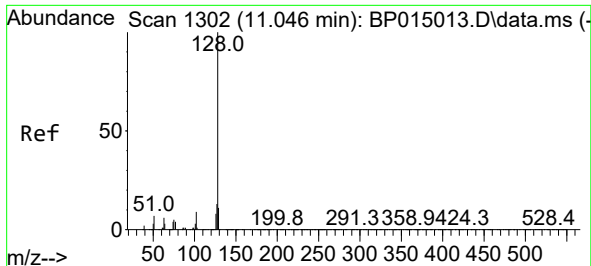
Ion Ratio Lower Upper

162 100

164 64.3 51.5 77.3

98 35.5 28.8 43.2

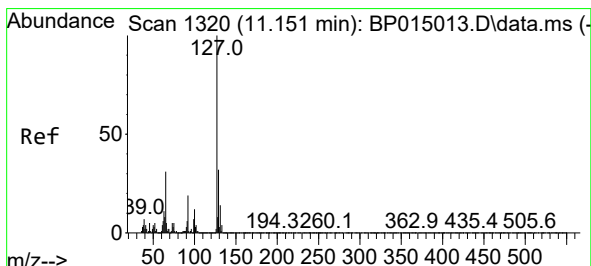
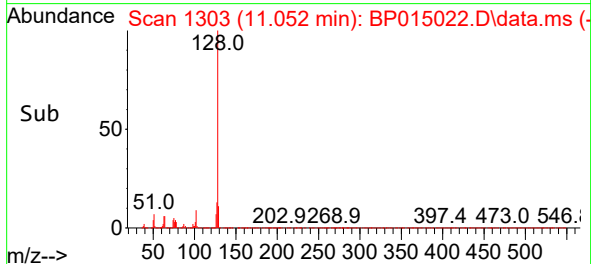
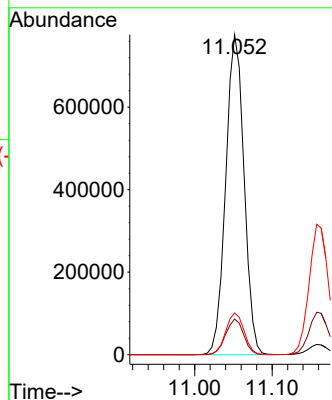
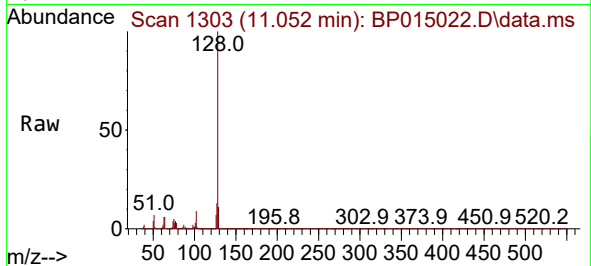




#30
Naphthalene
Concen: 16.532 ng/ul
RT: 11.052 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

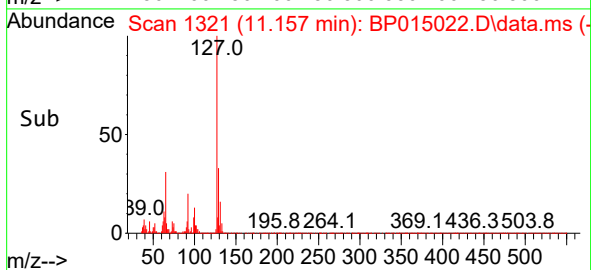
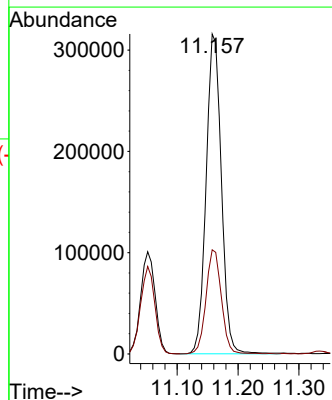
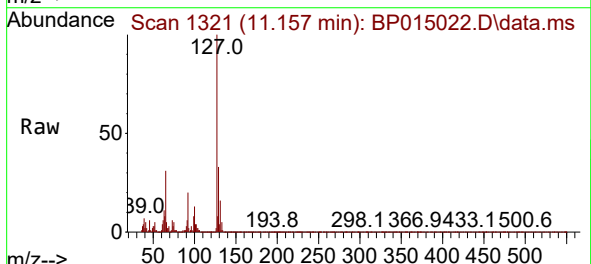
Instrument :
BNA_P
ClientSampleId :
SSTD020704

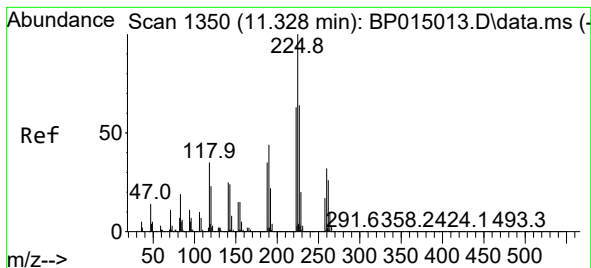
Tgt Ion:128 Resp: 1274580
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 18.100 ng/ul
RT: 11.157 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:127 Resp: 549475
Ion Ratio Lower Upper
127 100
129 32.6 25.5 38.3





#33

Hexachlorobutadiene

Concen: 17.765 ng/ul

RT: 11.334 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Instrument :

BNA_P

ClientSampleId :

SSTD020704

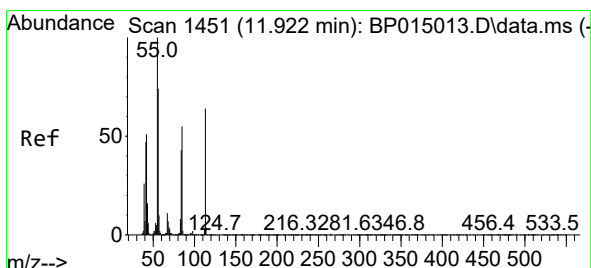
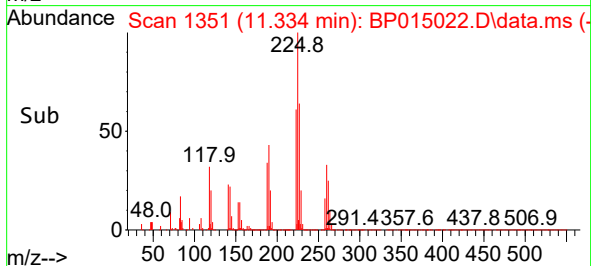
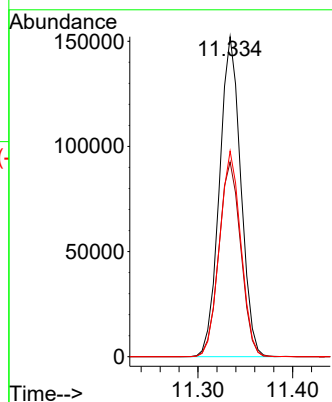
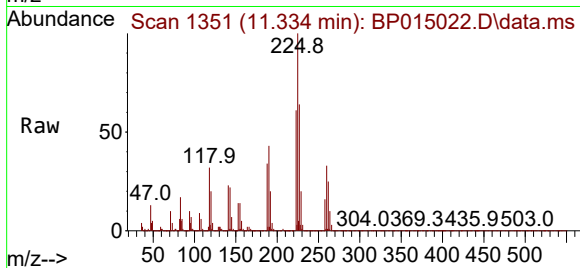
Tgt Ion:225 Resp: 238459

Ion Ratio Lower Upper

225 100

223 60.9 50.6 76.0

227 64.3 51.4 77.0



#34

Caprolactam

Concen: 19.943 ng/ul

RT: 11.934 min Scan# 1453

Delta R.T. 0.006 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

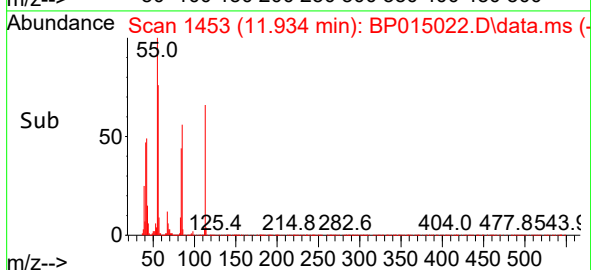
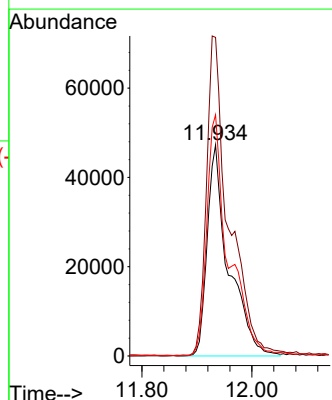
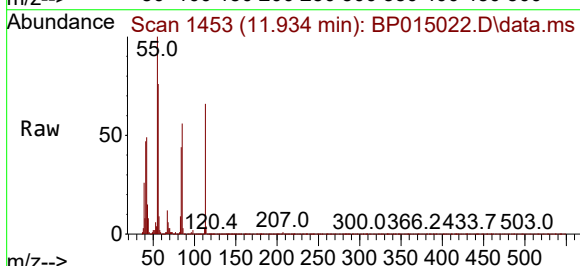
Tgt Ion:113 Resp: 127811

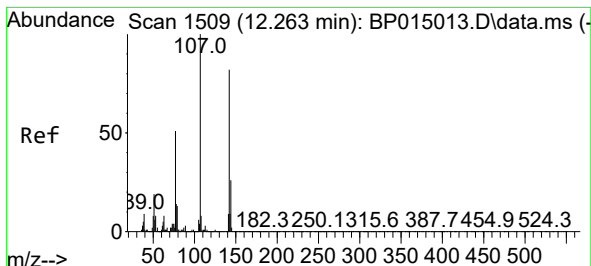
Ion Ratio Lower Upper

113 100

55 150.9 128.5 192.7

56 114.3 94.3 141.5

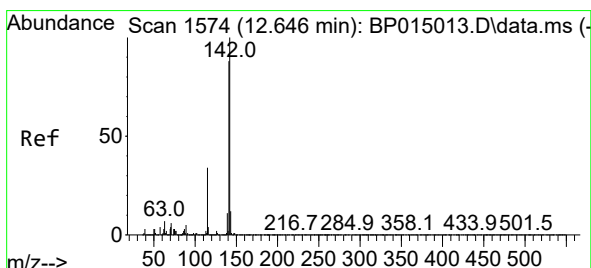
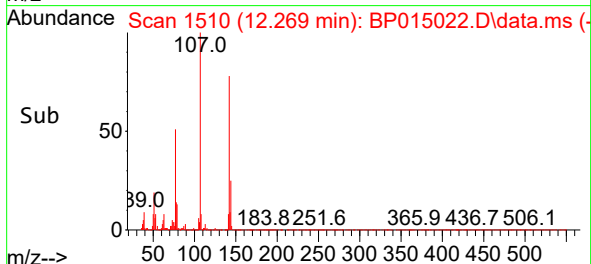
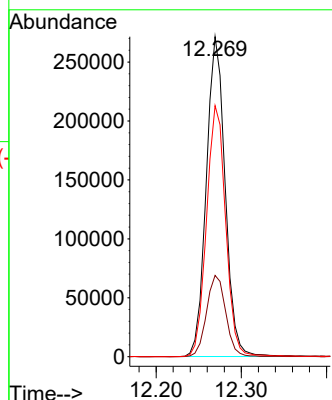
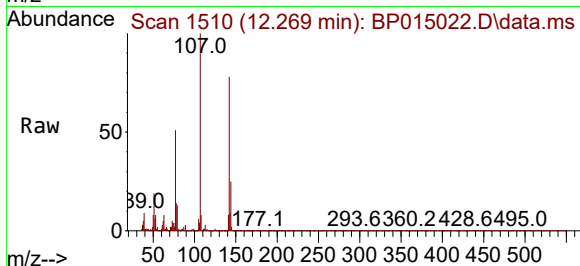




#35
4-Chloro-3-methylphenol
Concen: 19.529 ng/ul
RT: 12.269 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

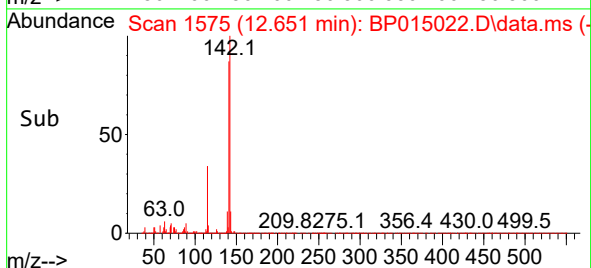
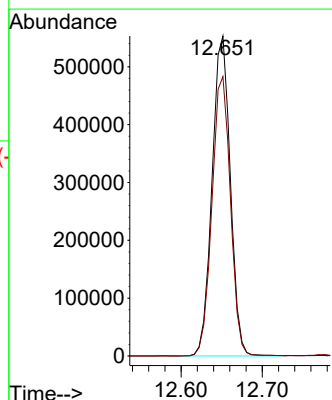
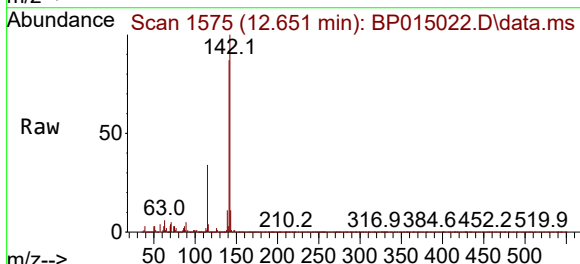
Instrument :
BNA_P
ClientSampleId :
SSTD020704

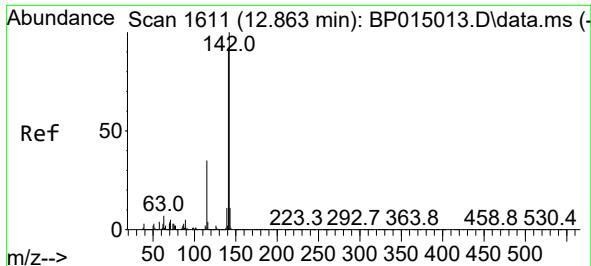
Tgt Ion:107 Resp: 417636
Ion Ratio Lower Upper
107 100
144 25.4 20.6 30.8
142 78.5 63.2 94.8



#36
2-Methylnaphthalene
Concen: 18.093 ng/ul
RT: 12.651 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:142 Resp: 862605
Ion Ratio Lower Upper
142 100
141 87.3 70.5 105.7

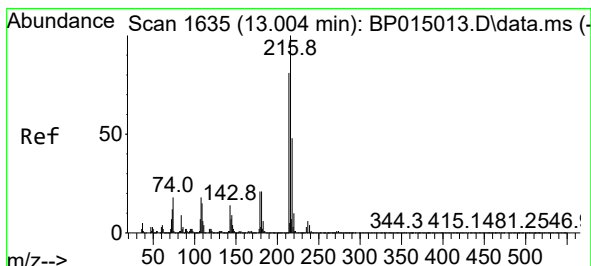
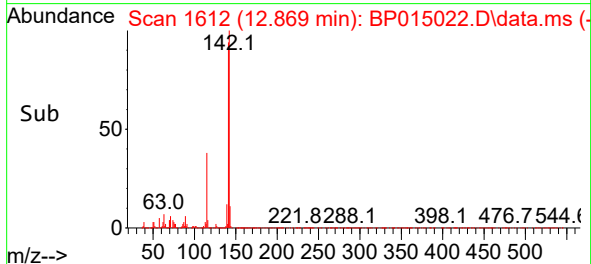
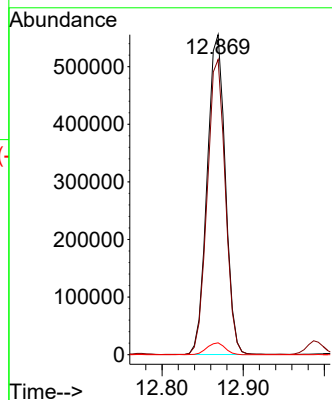
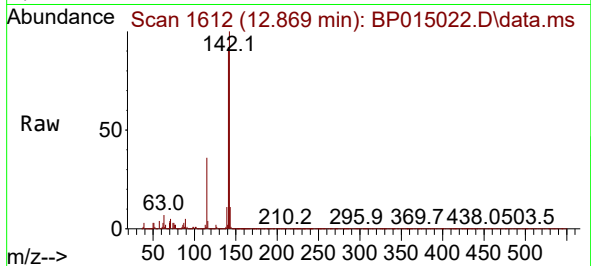




#37
1-Methylnaphthalene
Concen: 17.552 ng/ul
RT: 12.869 min Scan# 1611
Delta R.T. 0.006 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

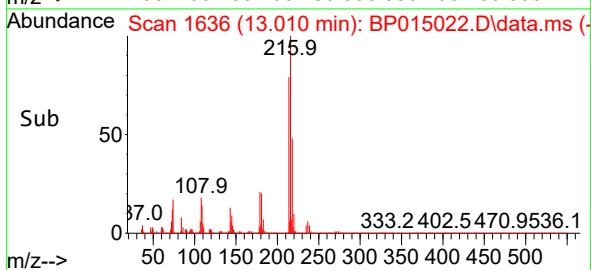
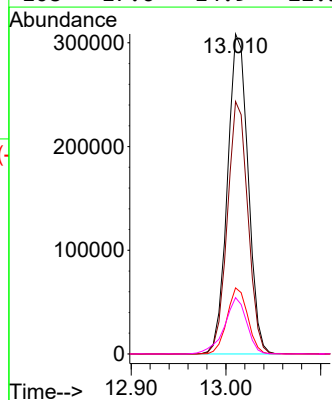
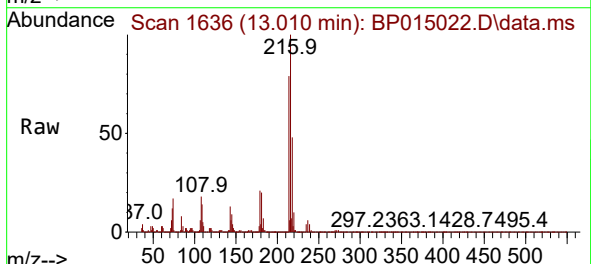
Instrument :
BNA_P
ClientSampleId :
SSTD020704

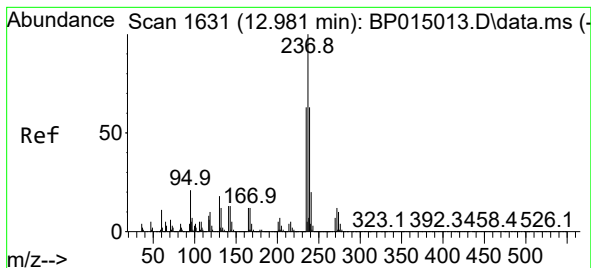
Tgt Ion:142 Resp: 862567
Ion Ratio Lower Upper
142 100
141 92.3 74.4 111.6
116 3.7 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 17.236 ng/ul
RT: 13.010 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:216 Resp: 467285
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 20.7 16.9 25.3
108 17.6 14.9 22.3





#40

Hexachlorocyclopentadiene

Concen: 16.285 ng/ul

RT: 12.993 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Instrument :

BNA_P

ClientSampleId :

SSTD020704

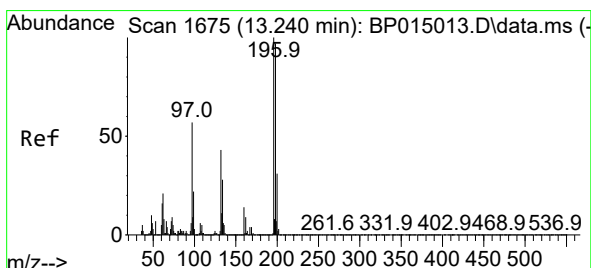
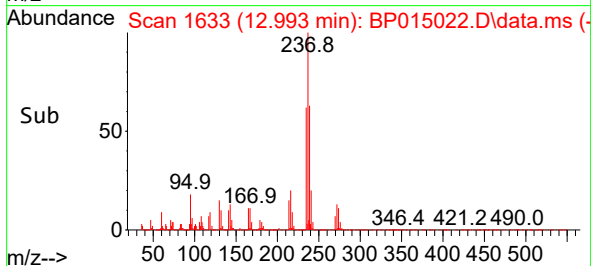
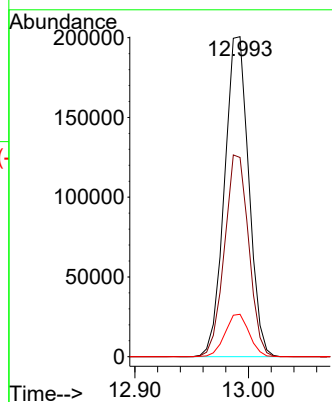
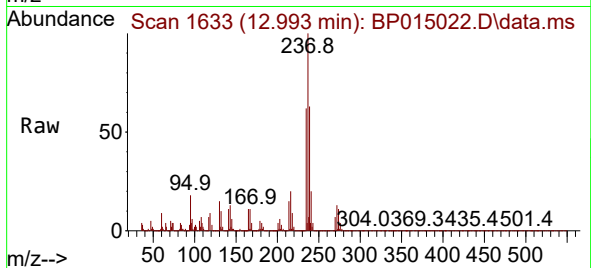
Tgt Ion:237 Resp: 297707

Ion Ratio Lower Upper

237 100

235 62.3 49.9 74.9

272 13.3 10.0 15.0



#41

2,4,6-Trichlorophenol

Concen: 18.978 ng/ul

RT: 13.246 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

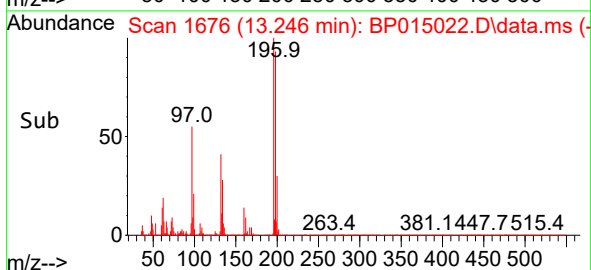
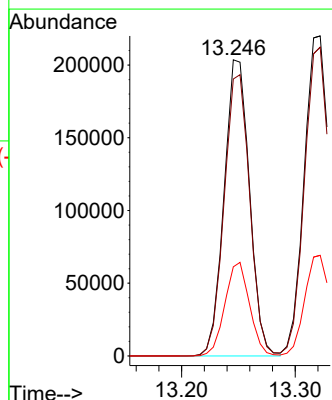
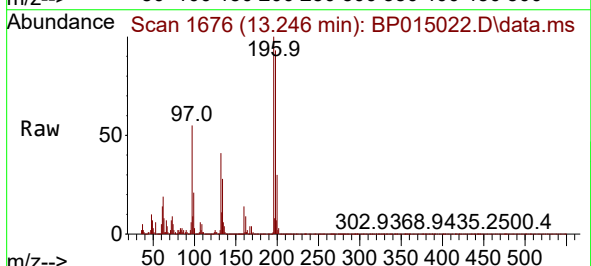
Tgt Ion:196 Resp: 317041

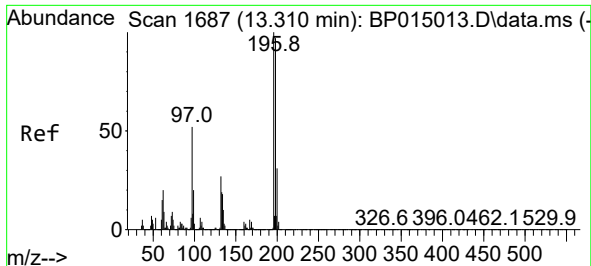
Ion Ratio Lower Upper

196 100

198 93.5 76.8 115.2

200 30.1 24.6 36.8

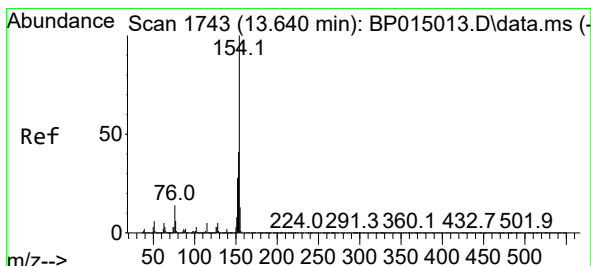
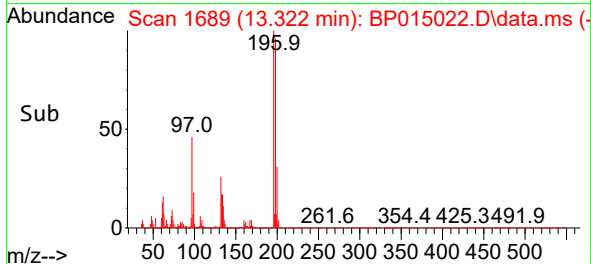
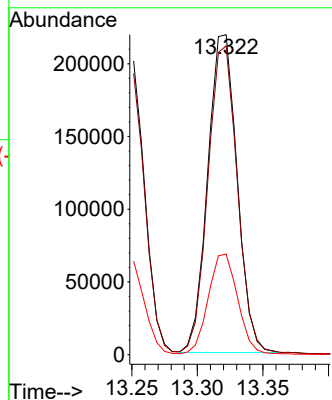
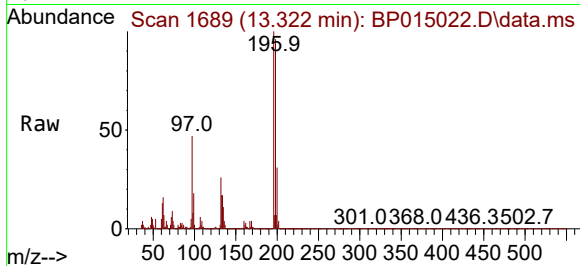




#42
2,4,5-Trichlorophenol
Concen: 18.970 ng/ul
RT: 13.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

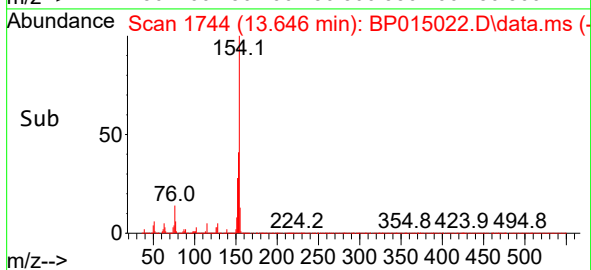
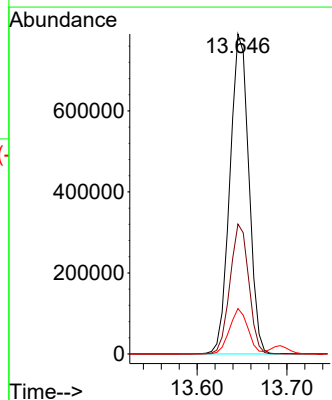
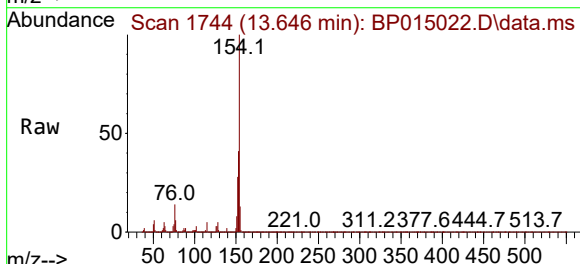
Instrument :
BNA_P
ClientSampleId :
SSTD020704

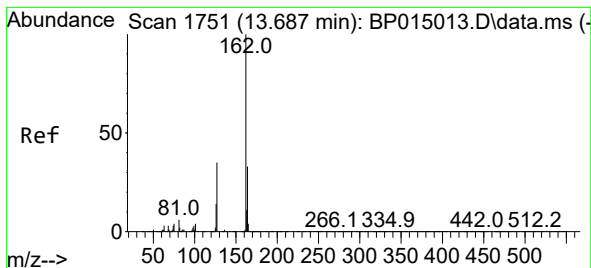
Tgt Ion:196 Resp: 341573
Ion Ratio Lower Upper
196 100
198 96.5 74.2 111.4
200 31.5 24.6 37.0



#43
1,1'-Biphenyl
Concen: 16.642 ng/ul
RT: 13.646 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:154 Resp: 1156451
Ion Ratio Lower Upper
154 100
153 40.6 31.9 47.9
76 14.2 11.3 16.9





#44

2-Chloronaphthalene

Concen: 16.876 ng/ul

RT: 13.693 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Instrument :

BNA_P

ClientSampleId :

SSTD020704

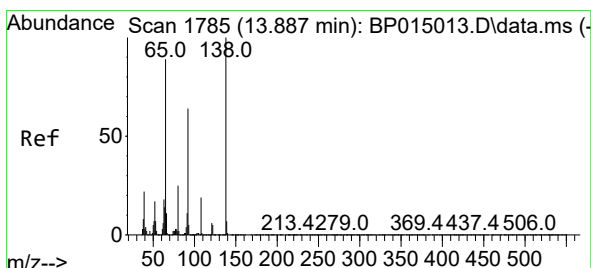
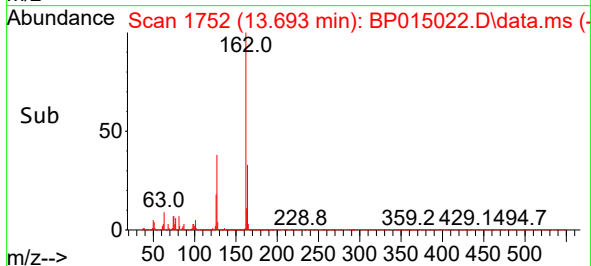
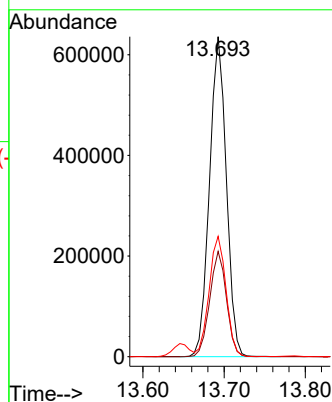
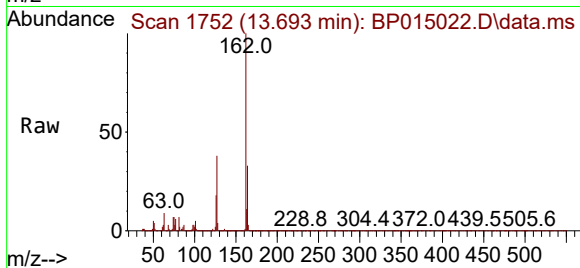
Tgt Ion:162 Resp: 913498

Ion Ratio Lower Upper

162 100

164 32.9 26.3 39.5

127 37.6 30.4 45.6



#45

2-Nitroaniline

Concen: 19.907 ng/ul

RT: 13.893 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

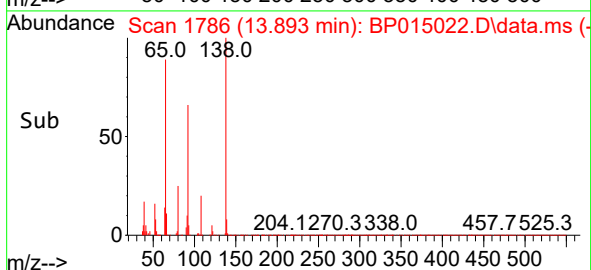
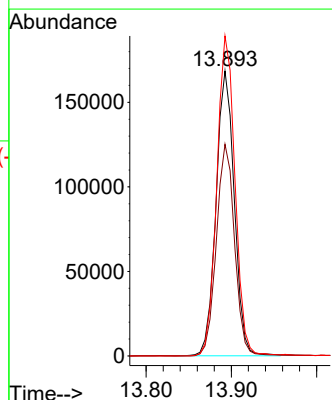
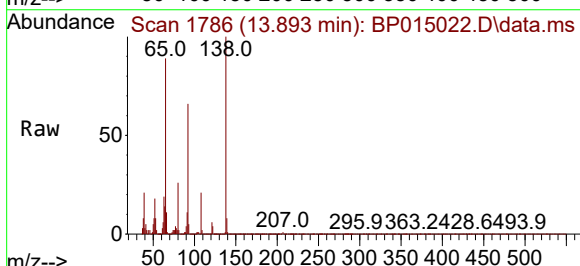
Tgt Ion: 65 Resp: 250926

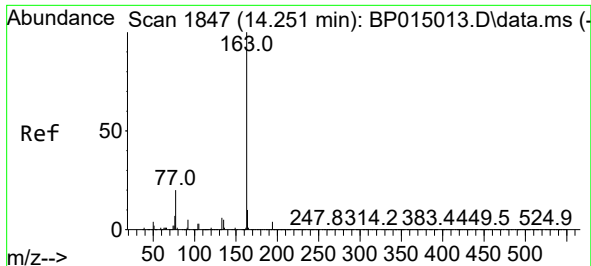
Ion Ratio Lower Upper

65 100

92 74.3 58.3 87.5

138 112.3 87.9 131.9

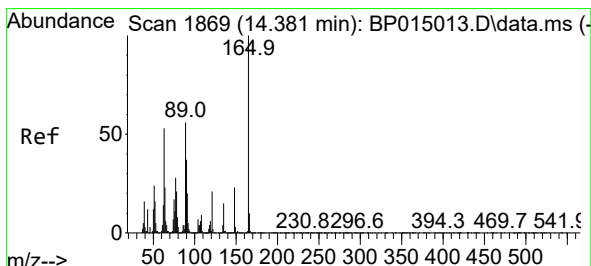
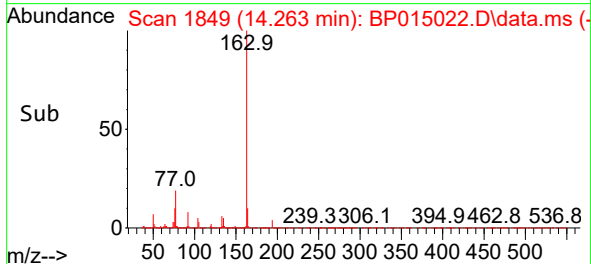
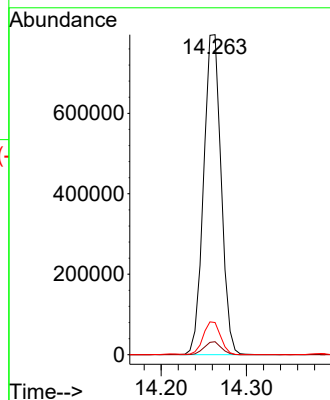
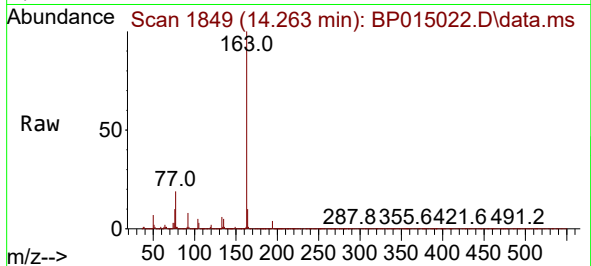




#47
Dimethylphthalate
Concen: 17.515 ng/ul
RT: 14.263 min Scan# 1847
Delta R.T. 0.006 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

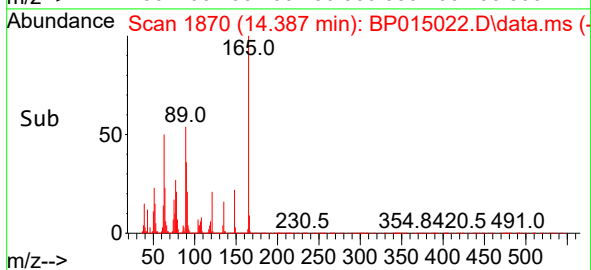
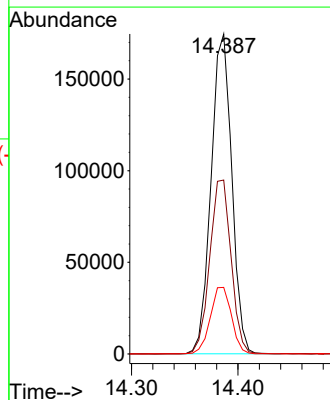
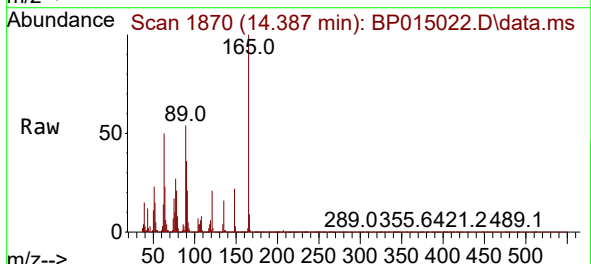
Instrument :
BNA_P
ClientSampleId :
SSTD020704

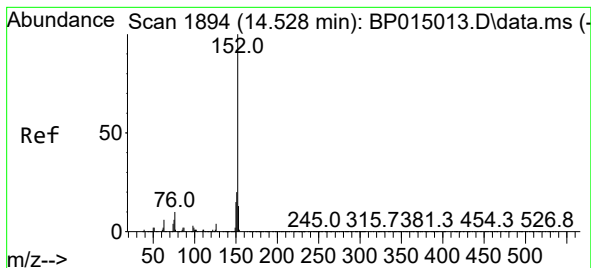
Tgt Ion:163 Resp: 1132925
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 20.548 ng/ul
RT: 14.387 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:165 Resp: 234867
Ion Ratio Lower Upper
165 100
89 54.3 48.1 72.1
121 20.8 17.3 25.9





#50

Acenaphthylene

Concen: 16.804 ng/ul

RT: 14.534 min Scan# 1895

Delta R.T. 0.000 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Instrument :

BNA_P

ClientSampleId :

SSTD020704

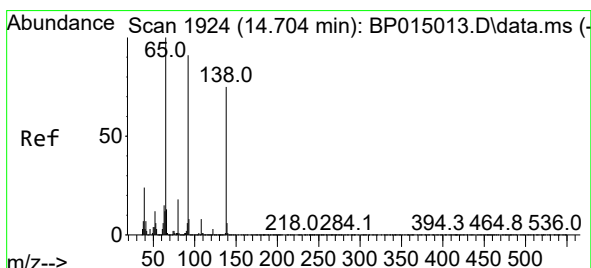
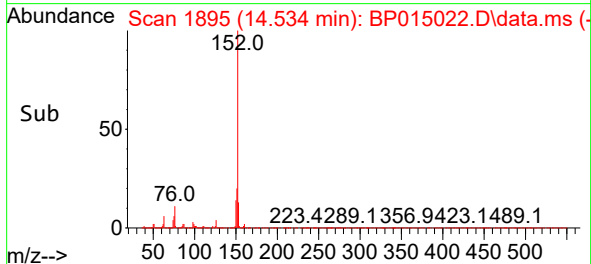
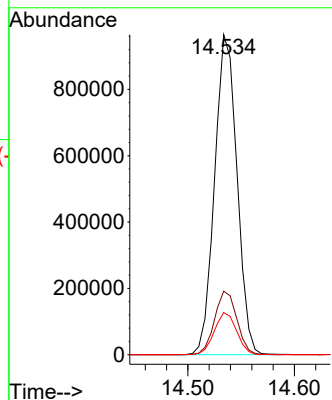
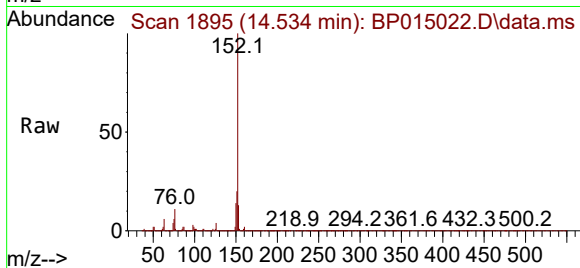
Tgt Ion:152 Resp: 1405534

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.2 10.4 15.6



#51

3-Nitroaniline

Concen: 18.347 ng/ul

RT: 14.710 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

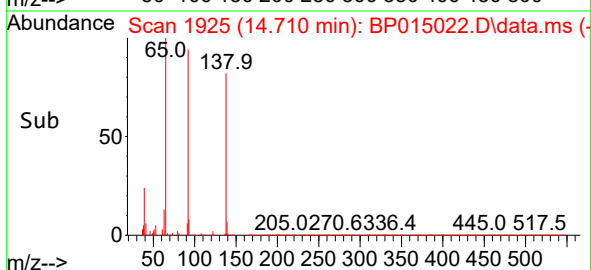
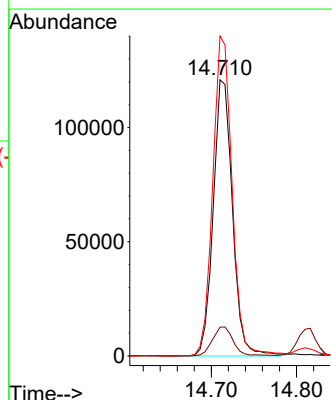
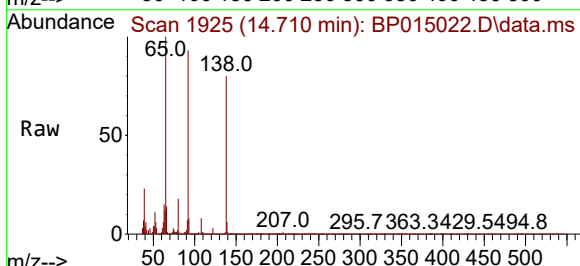
Tgt Ion:138 Resp: 189754

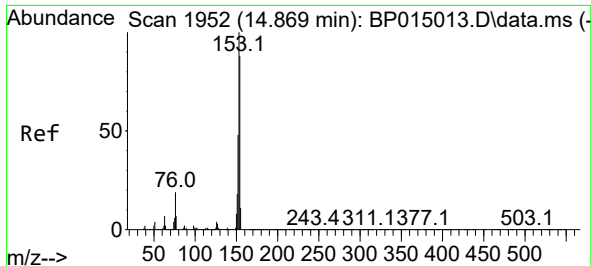
Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

92 115.9 95.8 143.6

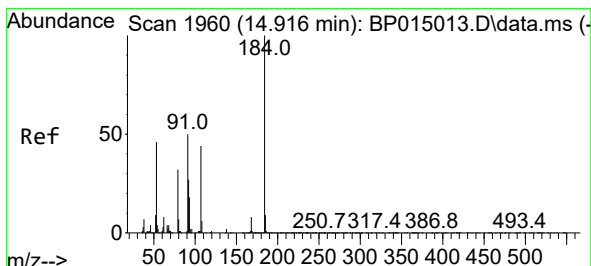
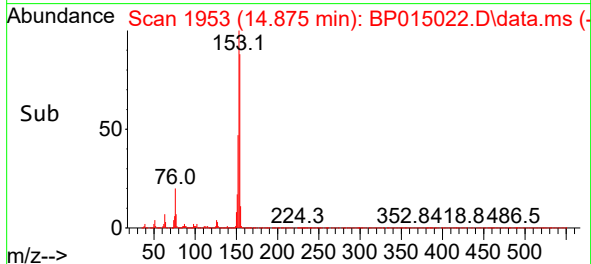
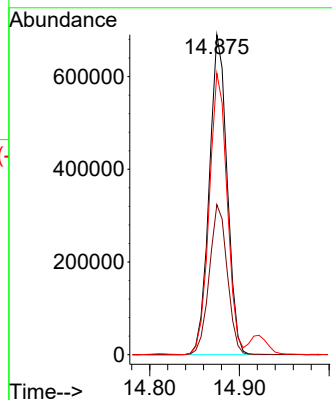
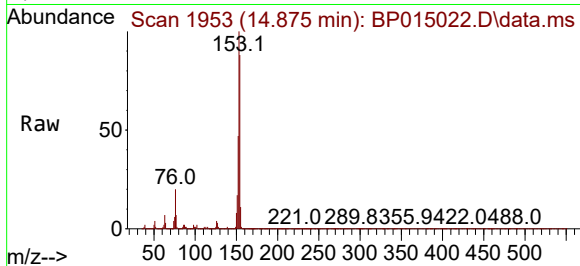




#52
Acenaphthene
Concen: 16.466 ng/ul
RT: 14.875 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

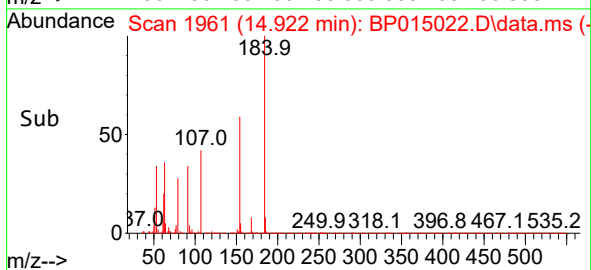
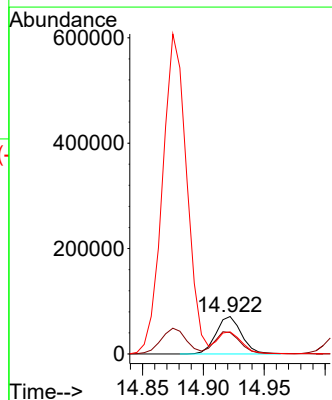
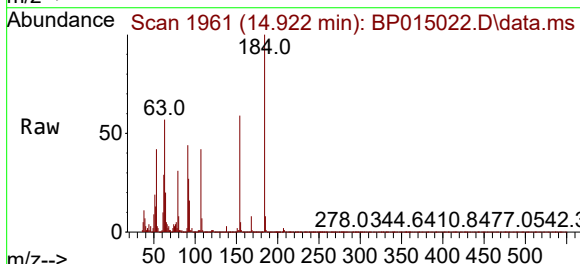
Instrument :
BNA_P
ClientSampleId :
SSTD020704

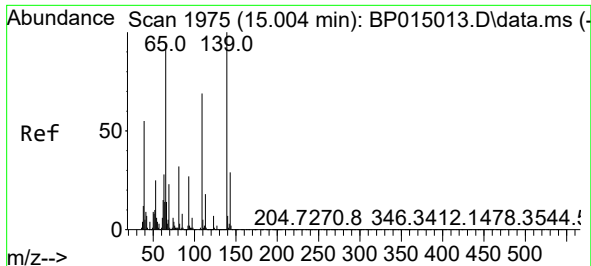
Tgt Ion:153 Resp: 953070
Ion Ratio Lower Upper
153 100
152 46.9 38.8 58.2
154 87.9 69.6 104.4



#53
2,4-Dinitrophenol
Concen: 14.830 ng/ul
RT: 14.922 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:184 Resp: 103170
Ion Ratio Lower Upper
184 100
63 57.1 56.3 84.5
154 58.8 48.9 73.3

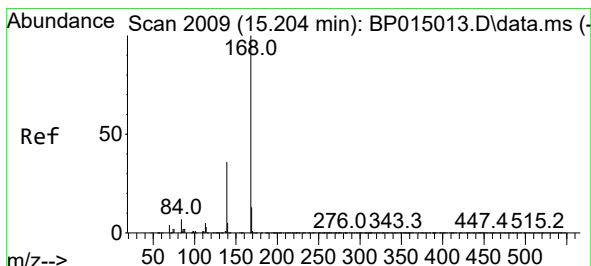
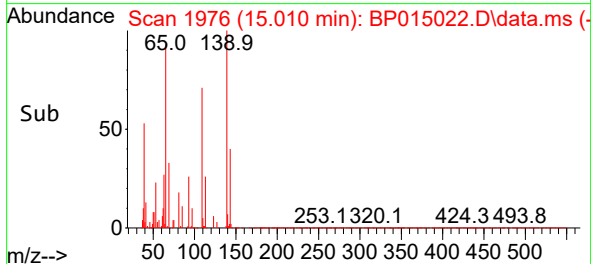
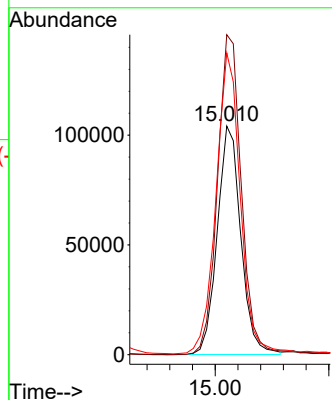
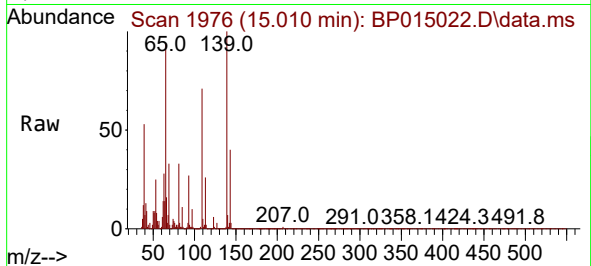




#55
4-Nitrophenol
Concen: 18.388 ng/ul
RT: 15.010 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

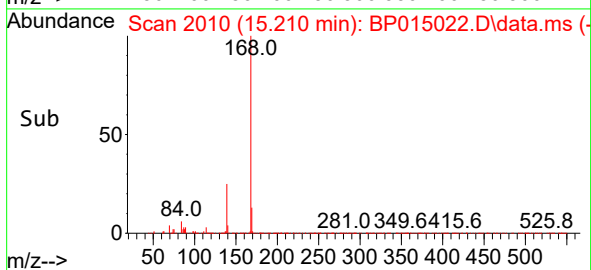
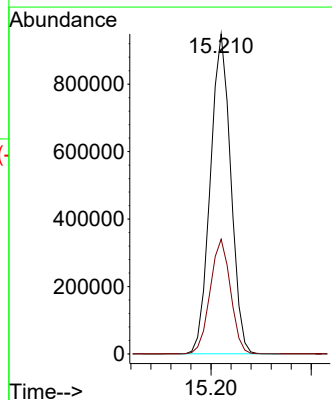
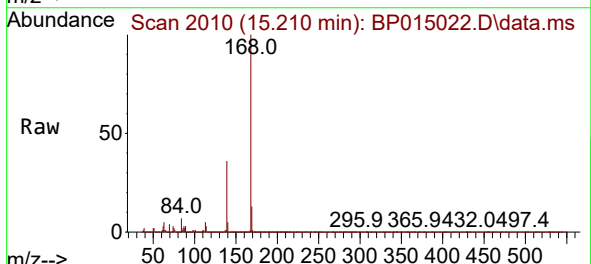
Instrument :
BNA_P
ClientSampleId :
SSTD020704

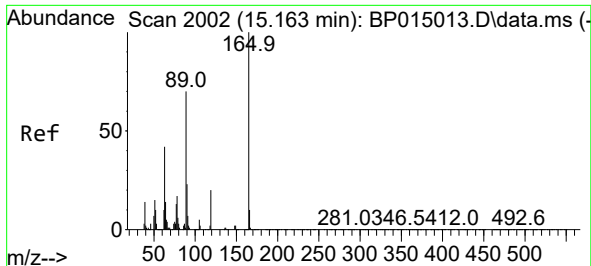
Tgt Ion:109 Resp: 149791
Ion Ratio Lower Upper
109 100
139 139.9 115.1 172.7
65 131.9 110.6 166.0



#56
Dibenzofuran
Concen: 17.132 ng/ul
RT: 15.210 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:168 Resp: 1337977
Ion Ratio Lower Upper
168 100
139 35.9 28.6 42.8





#57

2,4-Dinitrotoluene

Concen: 20.863 ng/ul

RT: 15.169 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Instrument :

BNA_P

ClientSampleId :

SSTD020704

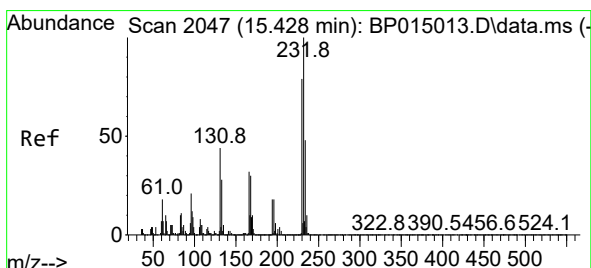
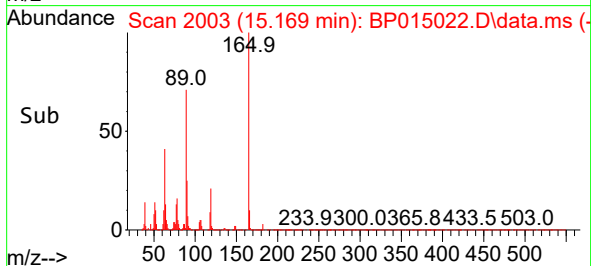
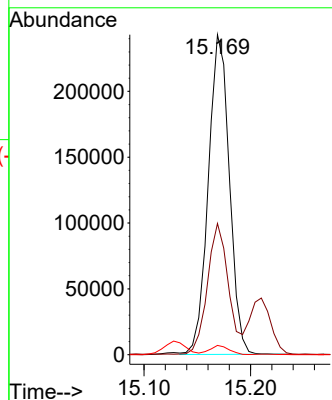
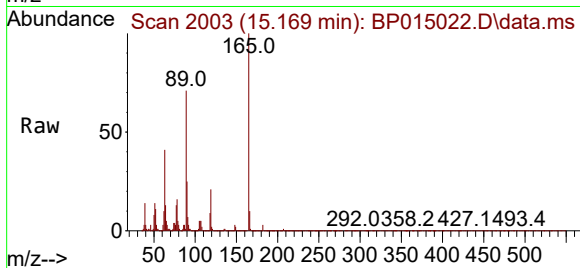
Tgt Ion:165 Resp: 334009

Ion Ratio Lower Upper

165 100

63 41.0 35.7 53.5

182 2.9 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.092 ng/ul

RT: 15.434 min Scan# 2048

Delta R.T. 0.000 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Tgt Ion:232 Resp: 294424

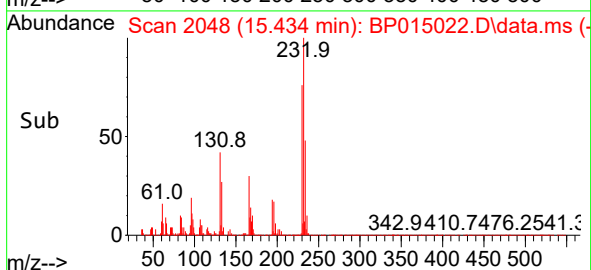
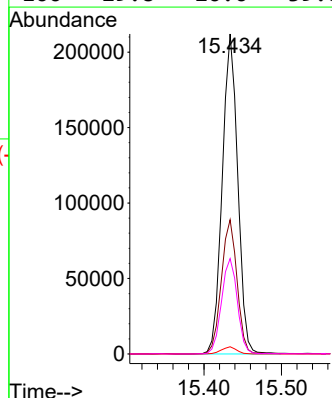
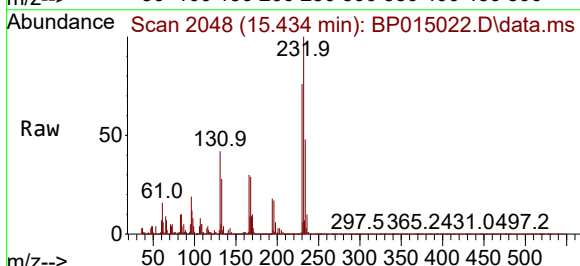
Ion Ratio Lower Upper

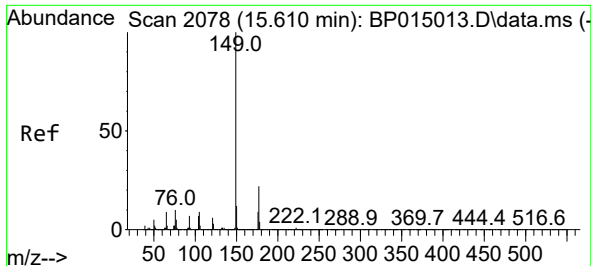
232 100

131 41.9 38.2 57.4

130 2.3 2.1 3.1

166 29.8 26.6 39.8

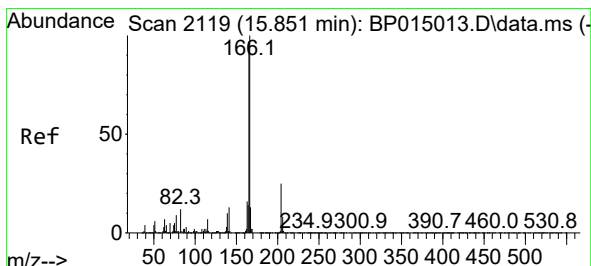
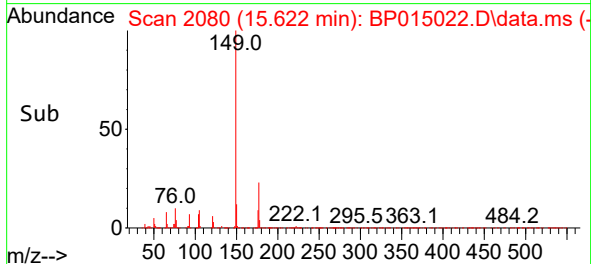
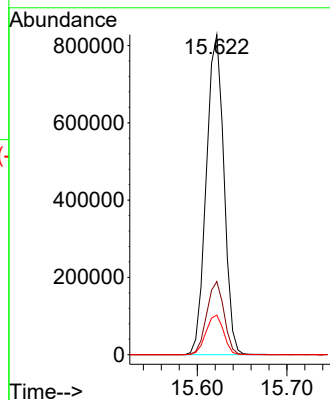
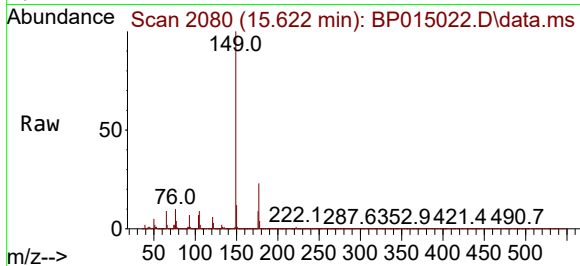




#59
Diethylphthalate
Concen: 18.438 ng/ul
RT: 15.622 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

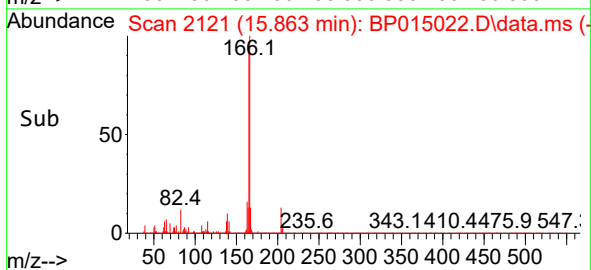
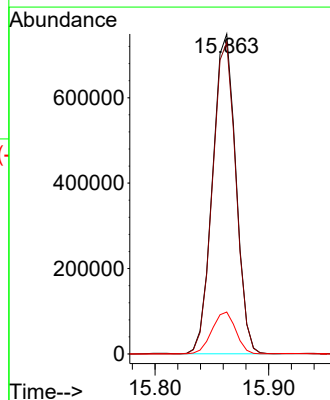
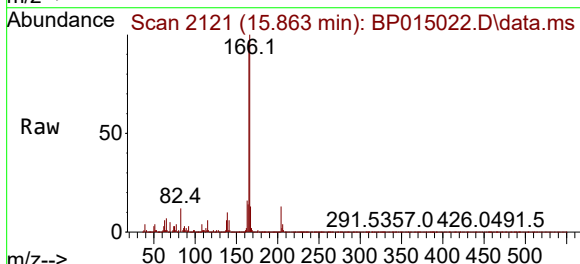
Instrument :
BNA_P
ClientSampleId :
SSTD020704

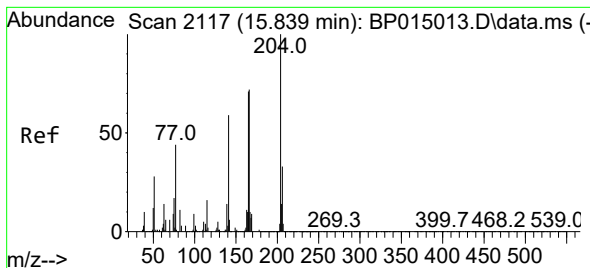
Tgt Ion:149 Resp: 1126908
Ion Ratio Lower Upper
149 100
177 22.9 17.5 26.3
150 12.3 9.6 14.4



#61
Fluorene
Concen: 17.294 ng/ul
RT: 15.863 min Scan# 2121
Delta R.T. 0.006 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:166 Resp: 1065430
Ion Ratio Lower Upper
166 100
165 97.4 79.3 118.9
167 13.1 10.7 16.1

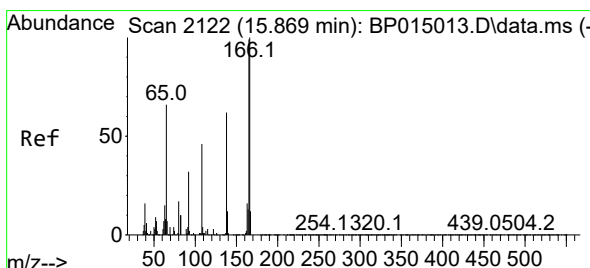
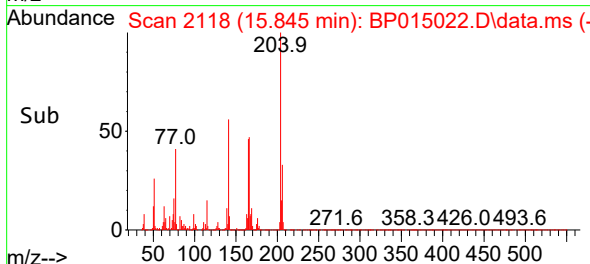
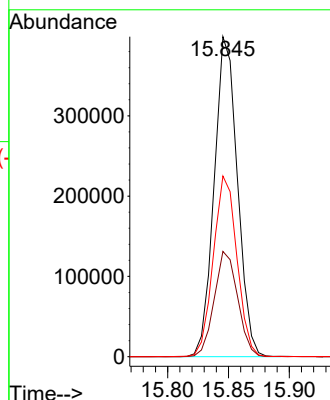
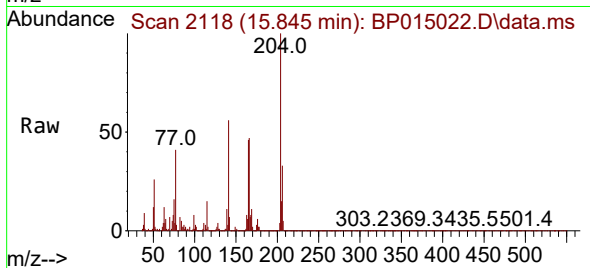




#62
4-Chlorophenyl-phenylether
Concen: 17.576 ng/ul
RT: 15.845 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

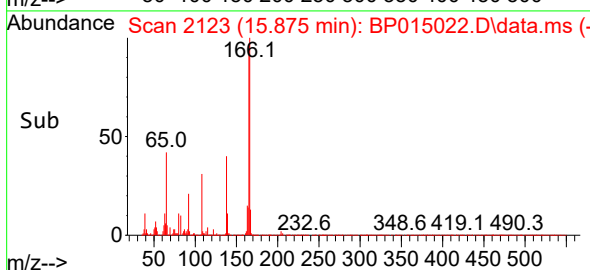
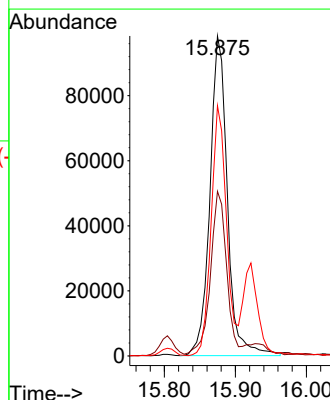
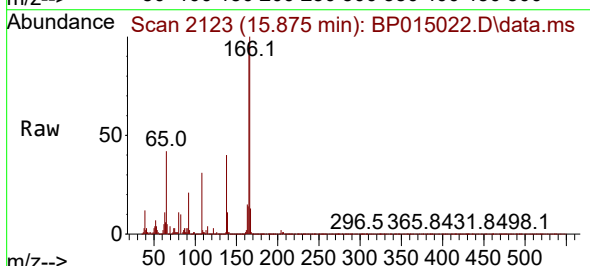
Instrument :
BNA_P
ClientSampleId :
SSTD020704

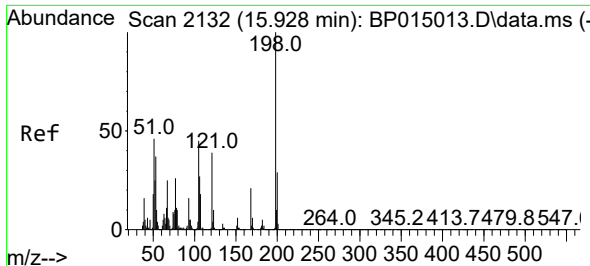
Tgt Ion:204 Resp: 529895
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 56.5 46.8 70.2



#63
4-Nitroaniline
Concen: 19.423 ng/ul
RT: 15.875 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:138 Resp: 167664
Ion Ratio Lower Upper
138 100
92 51.5 43.7 65.5
108 78.2 57.4 86.2

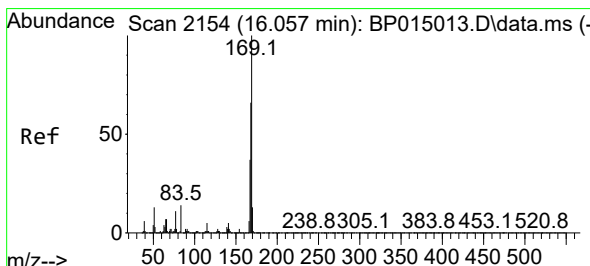
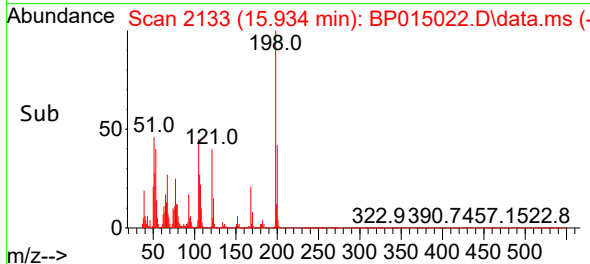
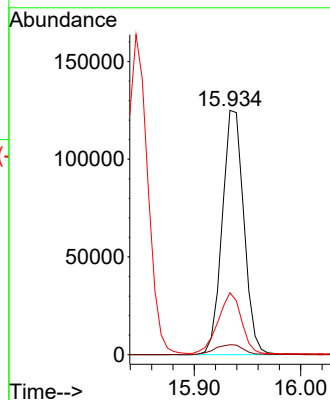
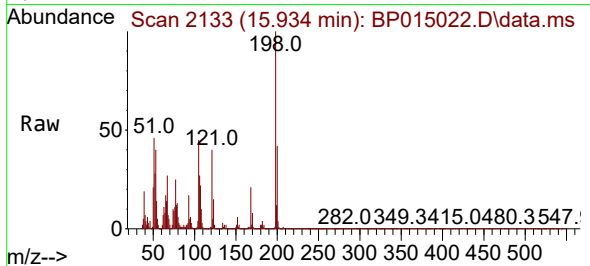




#66
4,6-Dinitro-2-methylphenol
Concen: 15.793 ng/ul
RT: 15.934 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

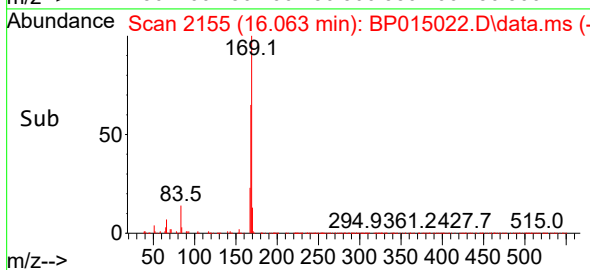
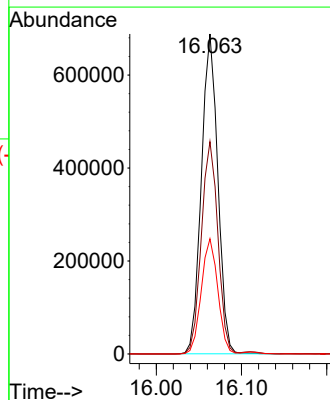
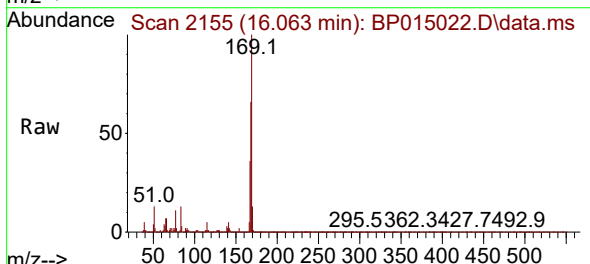
Instrument :
BNA_P
ClientSampleId :
SSTD020704

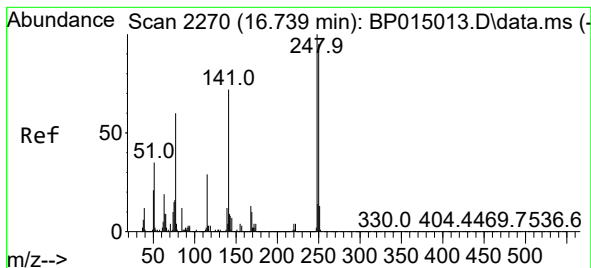
Tgt Ion:198 Resp: 176166
Ion Ratio Lower Upper
198 100
182 4.1 3.9 5.9
77 25.4 21.4 32.0



#67
N-Nitrosodiphenylamine
Concen: 16.270 ng/ul
RT: 16.063 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:169 Resp: 922473
Ion Ratio Lower Upper
169 100
168 66.3 53.5 80.3
167 36.0 29.3 43.9

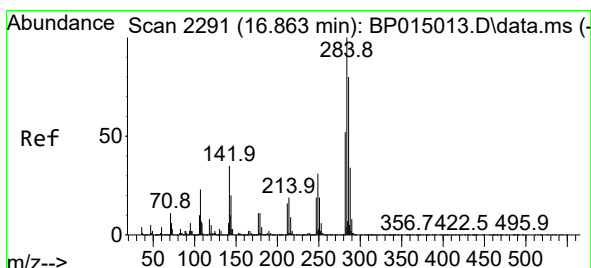
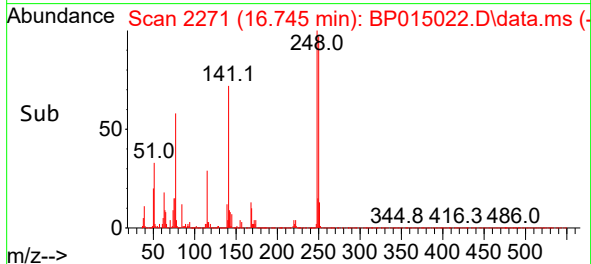
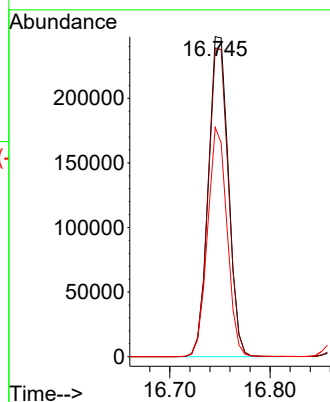
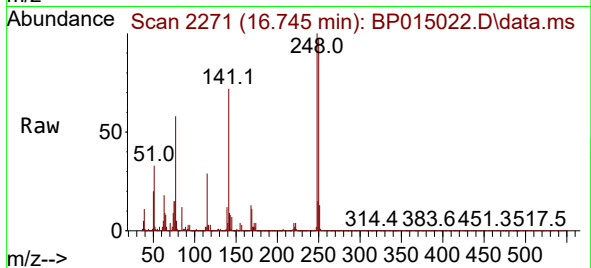




#68
4-Bromophenyl-phenylether
Concen: 17.763 ng/ul
RT: 16.745 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

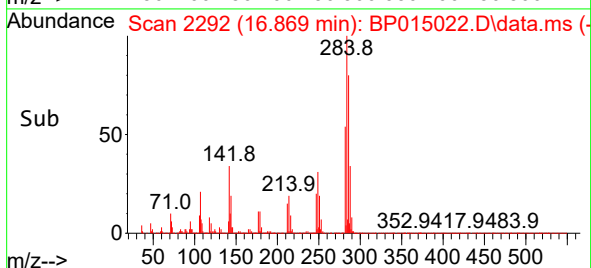
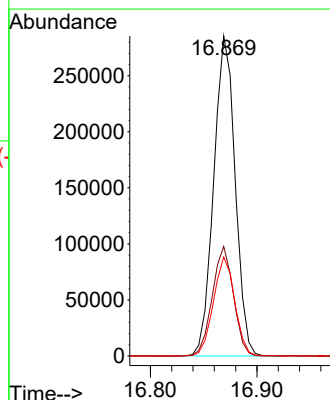
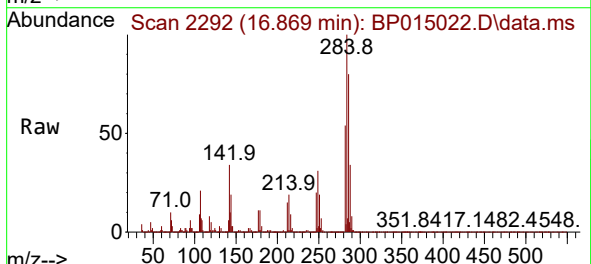
Instrument :
BNA_P
ClientSampleId :
SSTD020704

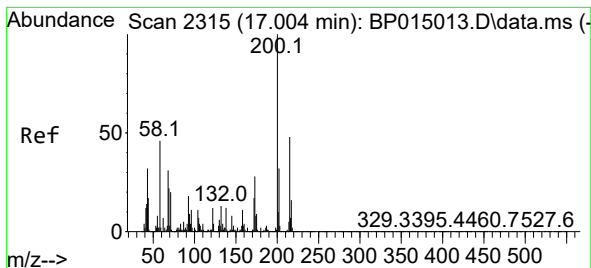
Tgt Ion:248 Resp: 345185
Ion Ratio Lower Upper
248 100
250 96.5 79.5 119.3
141 71.7 60.2 90.4



#69
Hexachlorobenzene
Concen: 17.388 ng/ul
RT: 16.869 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:284 Resp: 398017
Ion Ratio Lower Upper
284 100
142 34.3 30.2 45.2
249 30.9 24.5 36.7





#70

Atrazine

Concen: 18.212 ng/ul

RT: 17.016 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Instrument :

BNA_P

ClientSampleId :

SSTD020704

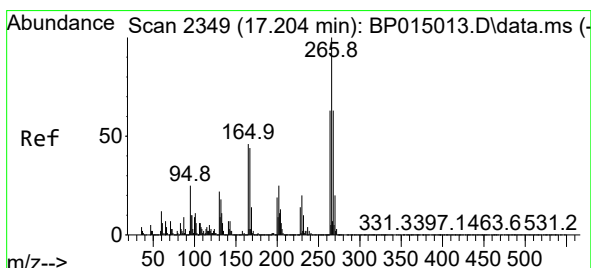
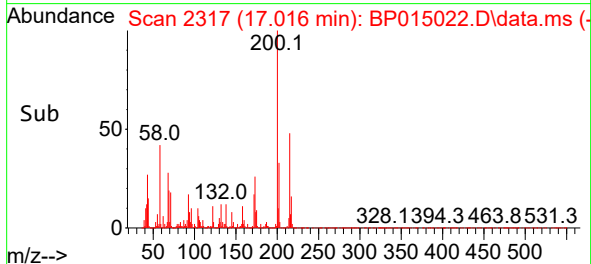
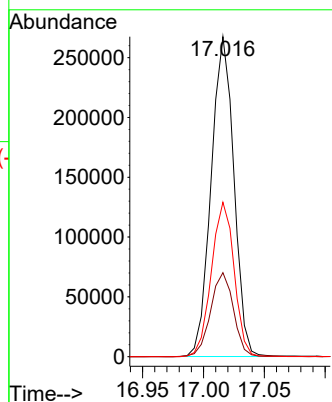
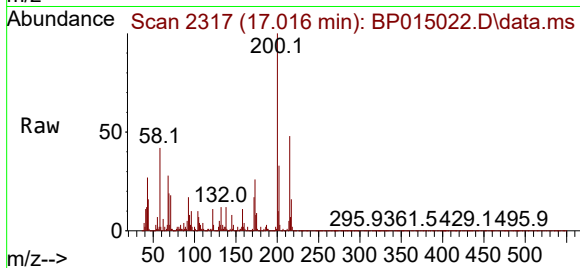
Tgt Ion:200 Resp: 347473

Ion Ratio Lower Upper

200 100

173 26.2 21.8 32.6

215 48.2 39.0 58.4



#71

Pentachlorophenol

Concen: 17.443 ng/ul

RT: 17.216 min Scan# 2351

Delta R.T. 0.006 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

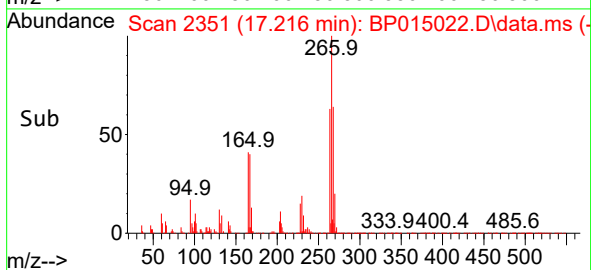
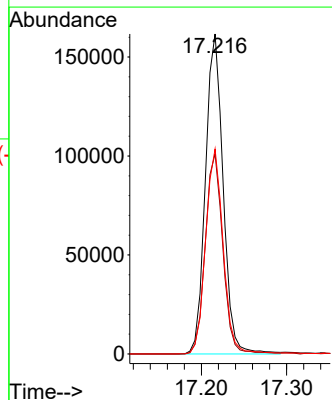
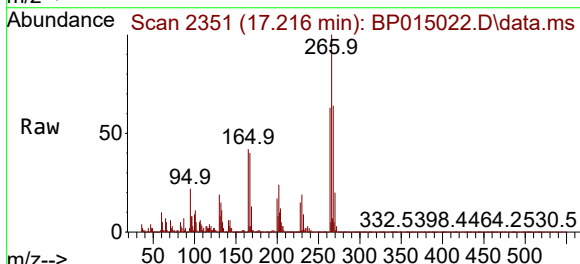
Tgt Ion:266 Resp: 233074

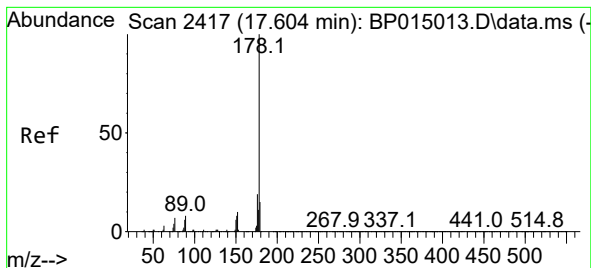
Ion Ratio Lower Upper

266 100

264 62.5 48.9 73.3

268 64.1 49.6 74.4





#72

Phenanthrene

Concen: 16.577 ng/ul

RT: 17.616 min Scan# 2417

Delta R.T. 0.006 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Instrument :

BNA_P

ClientSampleId :

SSTD020704

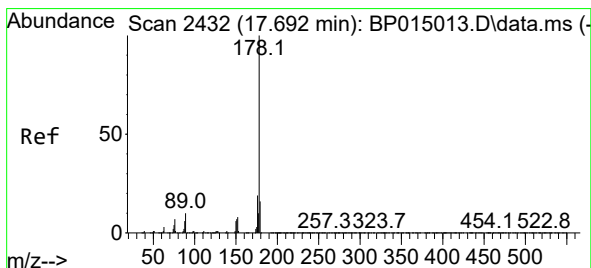
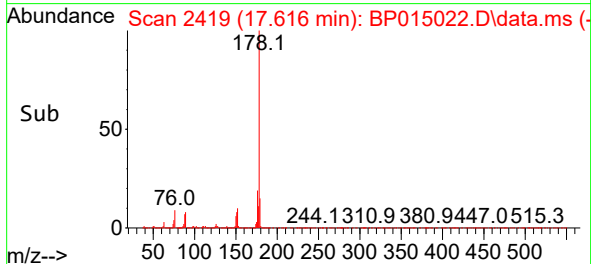
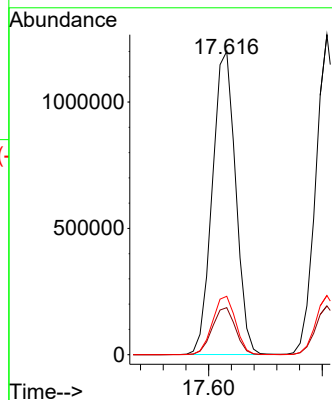
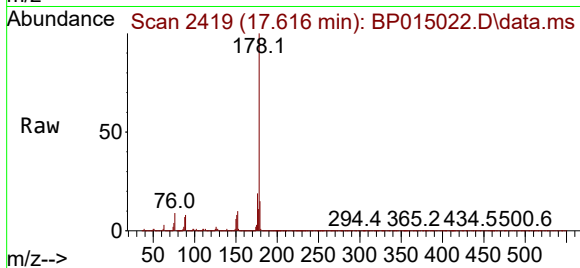
Tgt Ion:178 Resp: 1710804

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 19.2 15.4 23.0



#74

Anthracene

Concen: 16.791 ng/ul

RT: 17.704 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

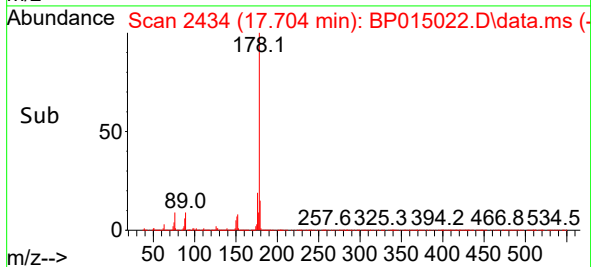
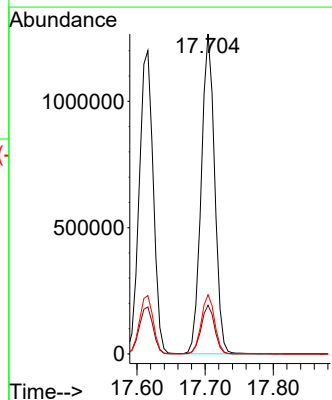
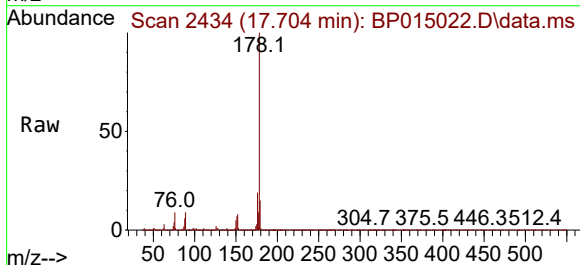
Tgt Ion:178 Resp: 1725289

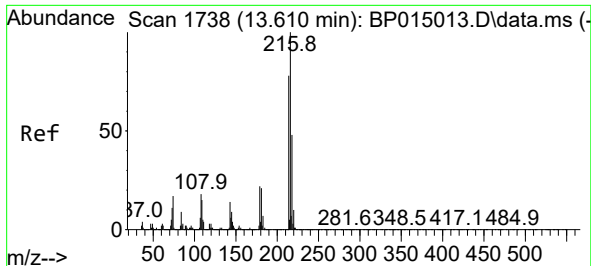
Ion Ratio Lower Upper

178 100

179 15.3 12.6 18.8

176 18.5 15.0 22.4

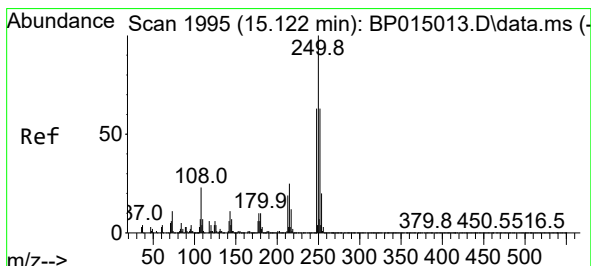
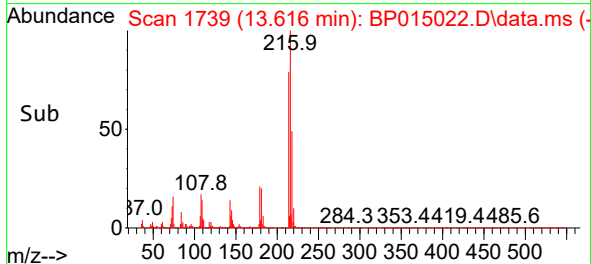
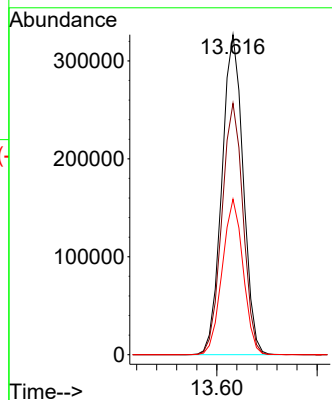
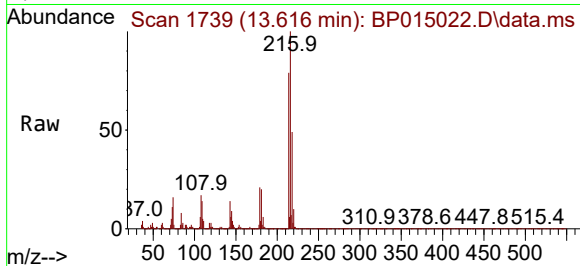




#75
1,2,3,4-Tetrachlorobenzene
Concen: 15.541 ng/uL
RT: 13.616 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

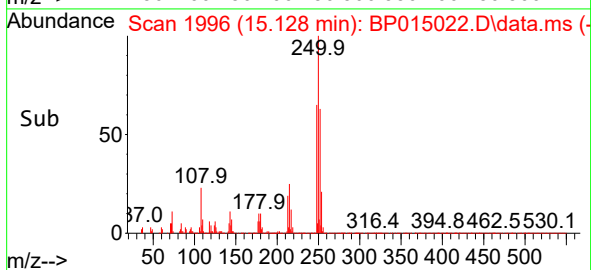
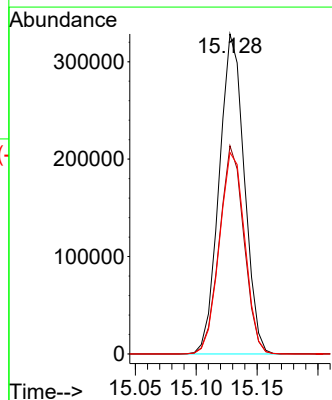
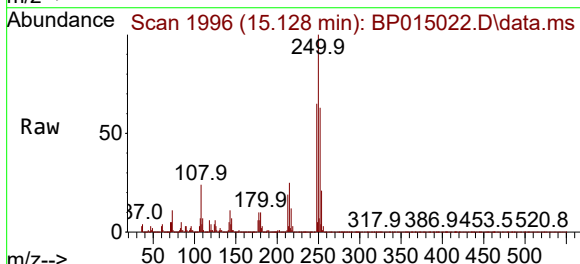
Instrument :
BNA_P
ClientSampleId :
SSTD020704

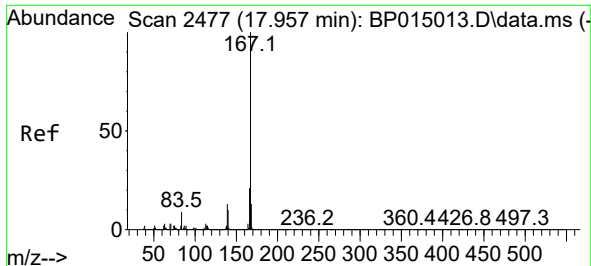
Tgt Ion:216 Resp: 480588
Ion Ratio Lower Upper
216 100
214 78.6 60.5 90.7
218 48.6 38.6 58.0



#76
Pentachlorobenzene
Concen: 16.003 ng/uL
RT: 15.128 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:250 Resp: 470819
Ion Ratio Lower Upper
250 100
248 65.1 50.5 75.7
252 63.0 50.5 75.7

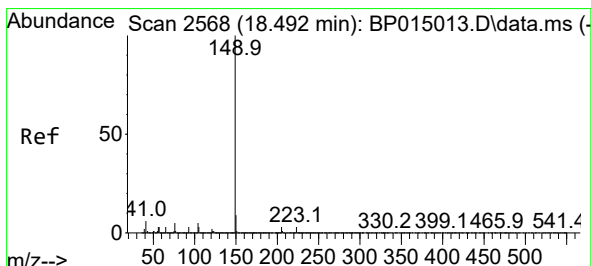
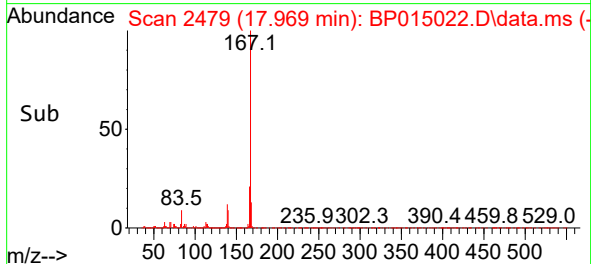
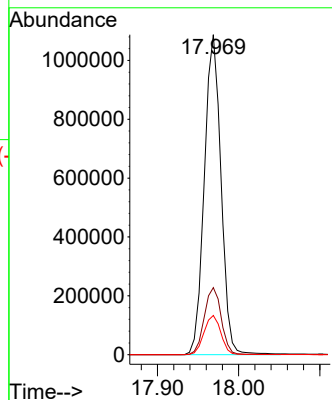
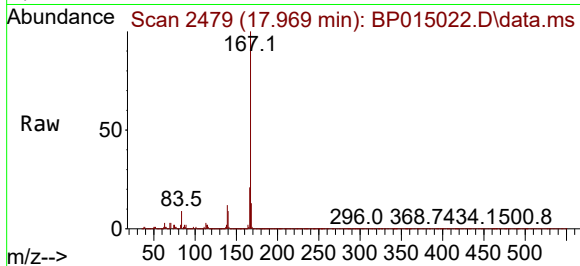




#77
Carbazole
Concen: 17.938 ng/ul
RT: 17.969 min Scan# 2477
Delta R.T. 0.006 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

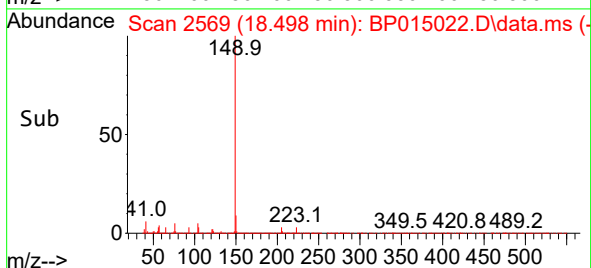
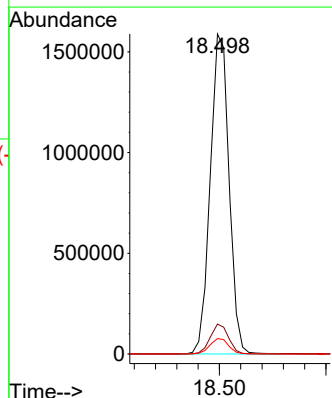
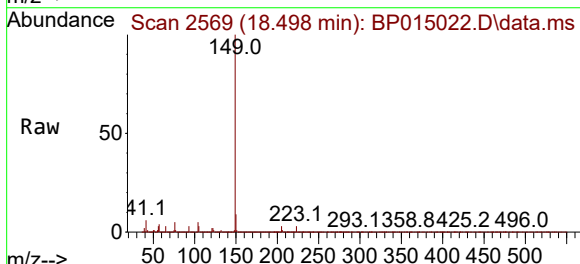
Instrument :
BNA_P
ClientSampleId :
SSTD020704

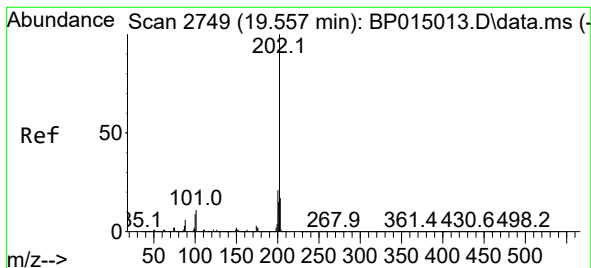
Tgt Ion:167 Resp: 1550202
Ion Ratio Lower Upper
167 100
166 21.0 17.1 25.7
139 12.2 10.1 15.1



#78
Di-n-butylphthalate
Concen: 20.092 ng/ul
RT: 18.498 min Scan# 2569
Delta R.T. 0.006 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:149 Resp: 1941668
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.8 4.1 6.1





#80

Fluoranthene

Concen: 16.239 ng/ul

RT: 19.563 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Instrument :

BNA_P

ClientSampleId :

SSTD020704

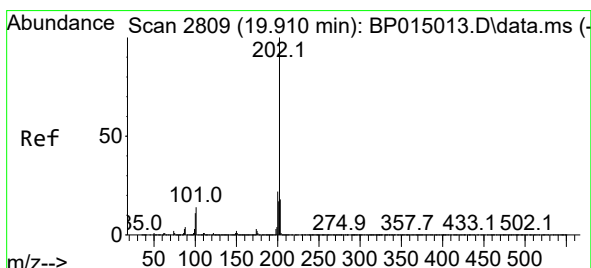
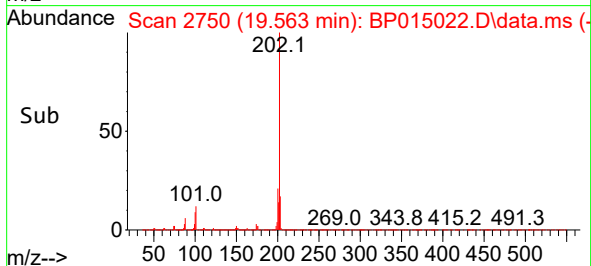
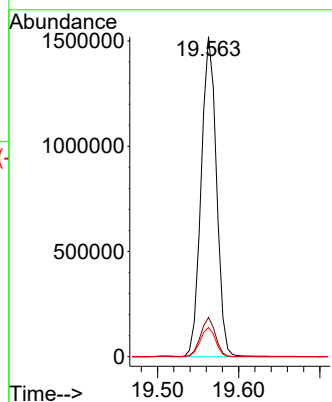
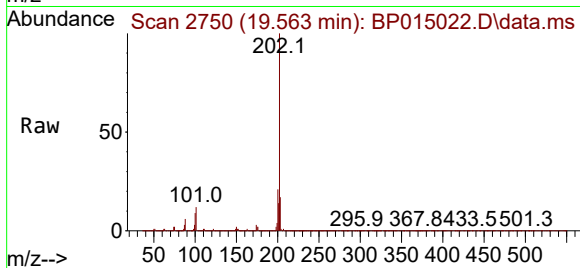
Tgt Ion:202 Resp: 1987147

Ion Ratio Lower Upper

202 100

101 12.2 10.1 15.1

100 9.1 7.7 11.5



#82

Pyrene

Concen: 15.560 ng/ul

RT: 19.916 min Scan# 2810

Delta R.T. 0.006 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

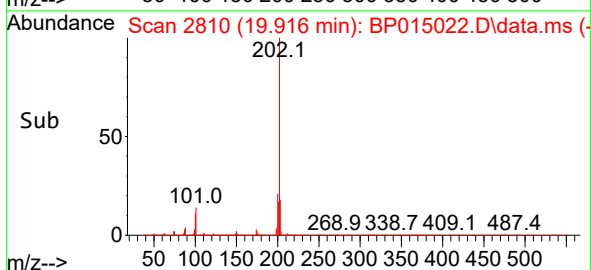
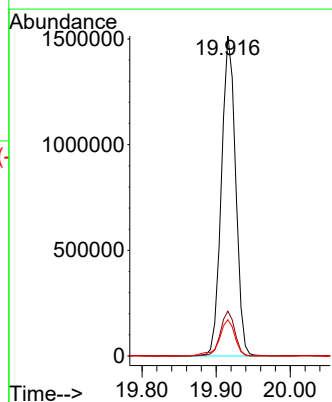
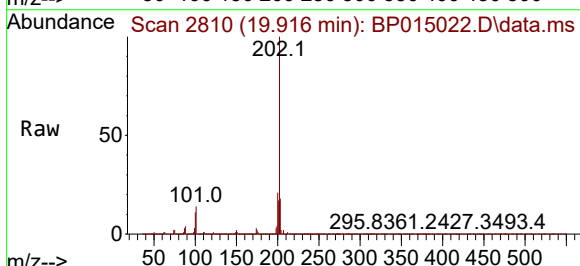
Tgt Ion:202 Resp: 2017240

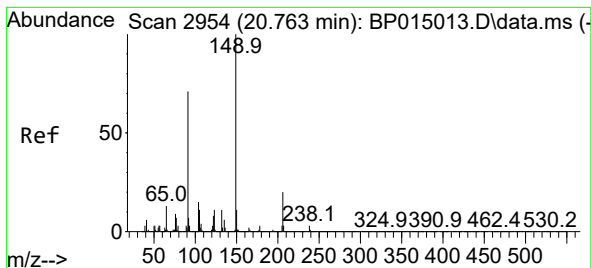
Ion Ratio Lower Upper

202 100

101 14.0 11.9 17.9

100 11.4 9.7 14.5





#83

Butylbenzylphthalate

Concen: 22.200 ng/ul

RT: 20.769 min Scan# 2954

Delta R.T. 0.006 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Instrument :

BNA_P

ClientSampleId :

SSTD020704

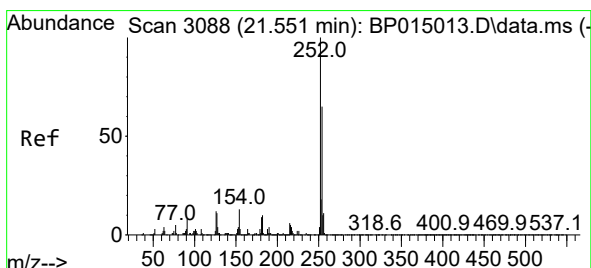
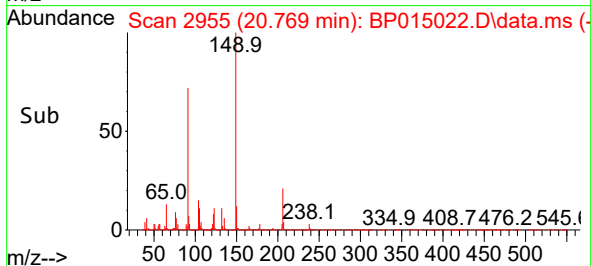
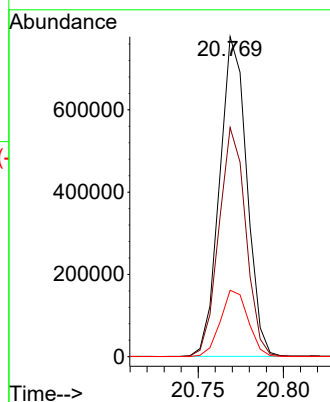
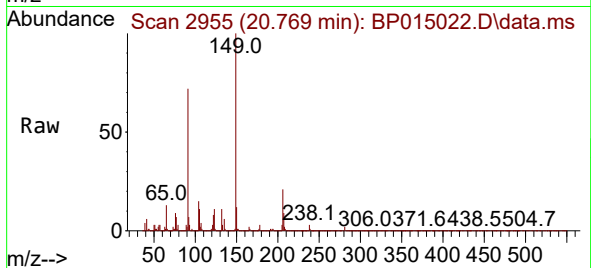
Tgt Ion:149 Resp: 864125

Ion Ratio Lower Upper

149 100

91 71.6 60.1 90.1

206 20.7 16.0 24.0



#84

3,3'-Dichlorobenzidine

Concen: 20.941 ng/ul

RT: 21.557 min Scan# 3089

Delta R.T. 0.006 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

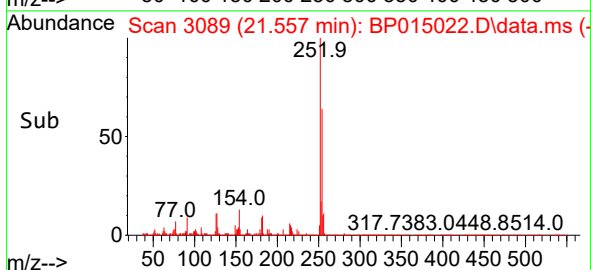
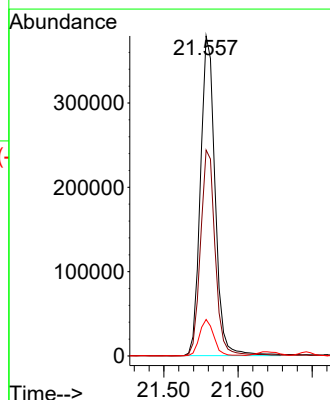
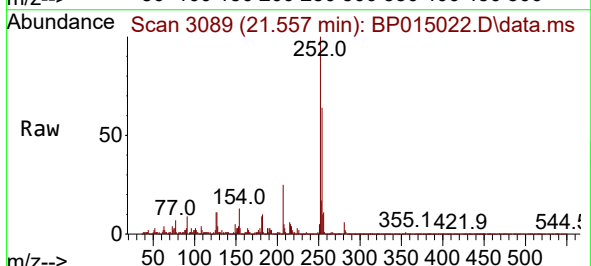
Tgt Ion:252 Resp: 521147

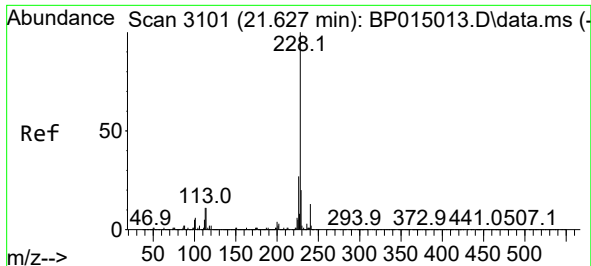
Ion Ratio Lower Upper

252 100

254 64.4 53.3 79.9

126 11.4 9.0 13.6

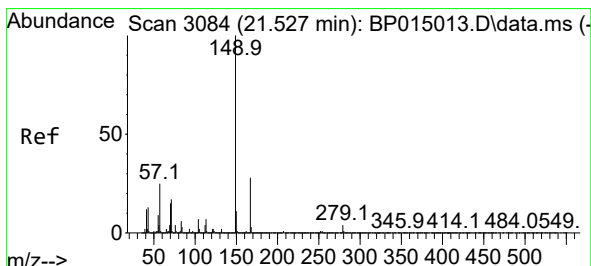
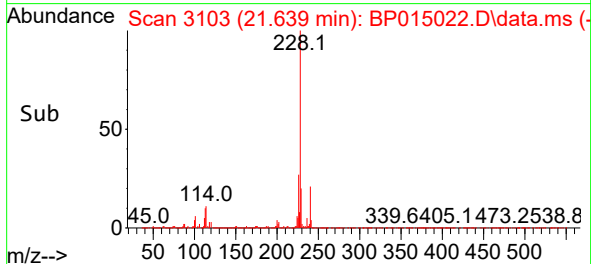
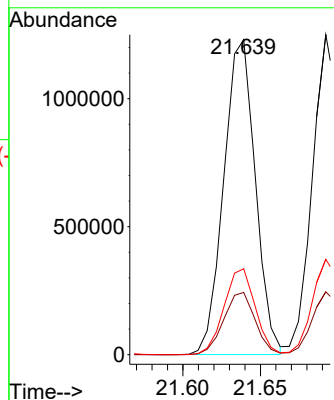
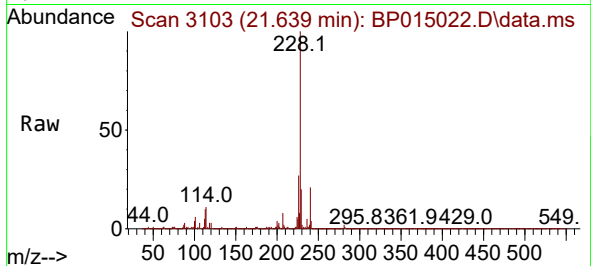




#85
Benzo(a)anthracene
Concen: 17.673 ng/ul
RT: 21.639 min Scan# 3101
Delta R.T. 0.006 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

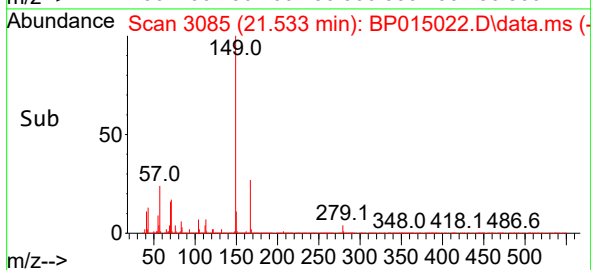
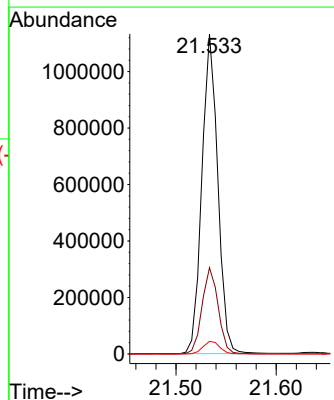
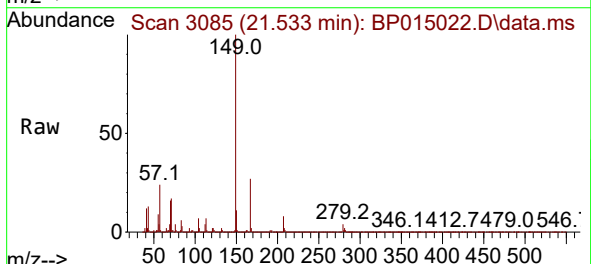
Instrument :
BNA_P
ClientSampleId :
SSTD020704

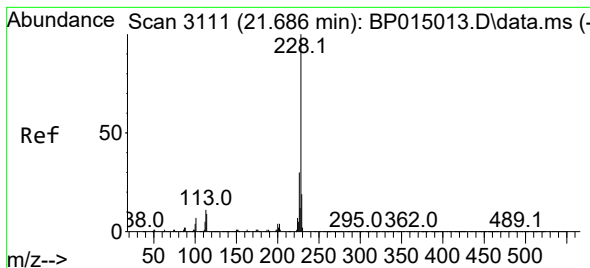
Tgt Ion:228 Resp: 1744128
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.3 22.1 33.1



#86
Bis(2-ethylhexyl)phthalate
Concen: 25.522 ng/ul
RT: 21.533 min Scan# 3085
Delta R.T. 0.006 min
Lab File: BP015022.D
Acq: 09 May 2023 17:31

Tgt Ion:149 Resp: 1249958
Ion Ratio Lower Upper
149 100
167 27.0 22.0 33.0
279 3.9 2.9 4.3





#87

Chrysene

Concen: 16.590 ng/ul

RT: 21.692 min Scan# 3111

Delta R.T. 0.006 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Instrument :

BNA_P

ClientSampleId :

SSTD020704

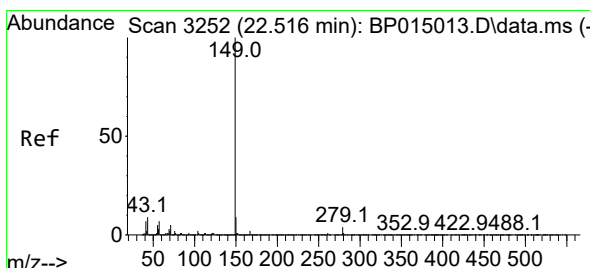
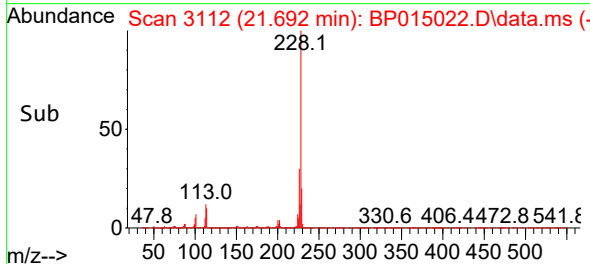
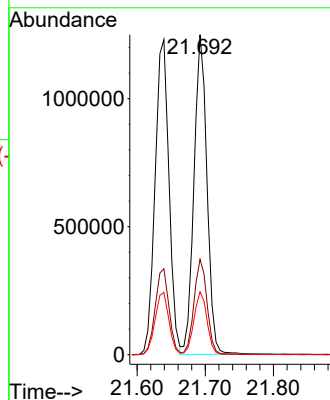
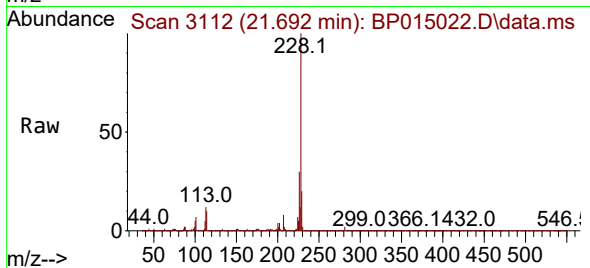
Tgt Ion:228 Resp: 1648587

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 19.7 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 27.252 ng/ul

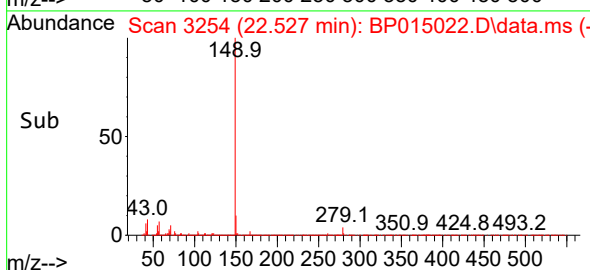
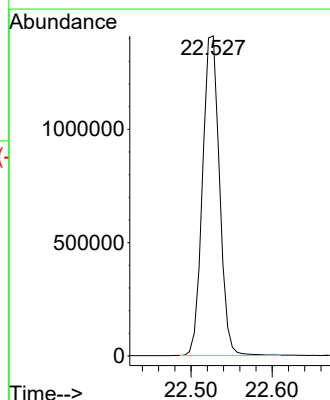
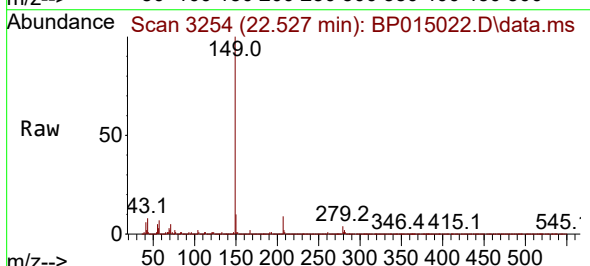
RT: 22.527 min Scan# 3254

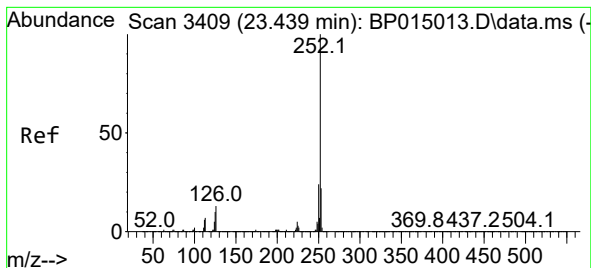
Delta R.T. 0.012 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Tgt Ion:149 Resp: 2047801





#90

Benzo(b)fluoranthene

Concen: 18.187 ng/ul

RT: 23.451 min Scan# 3409

Delta R.T. 0.006 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Instrument :

BNA_P

ClientSampleId :

SSTD020704

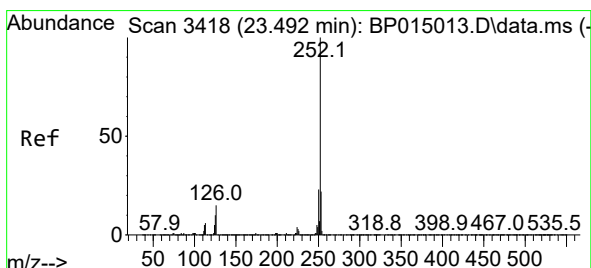
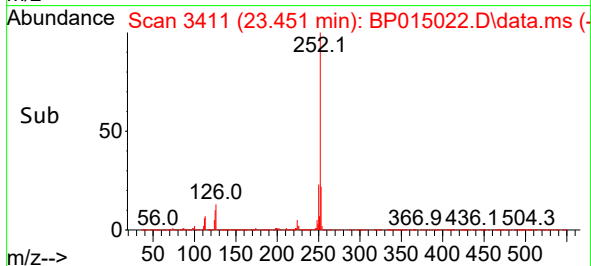
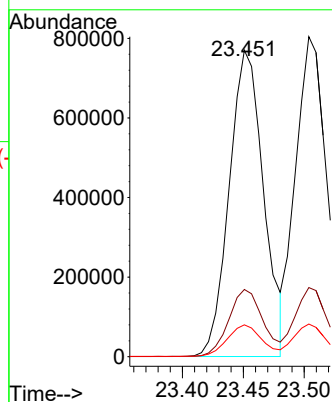
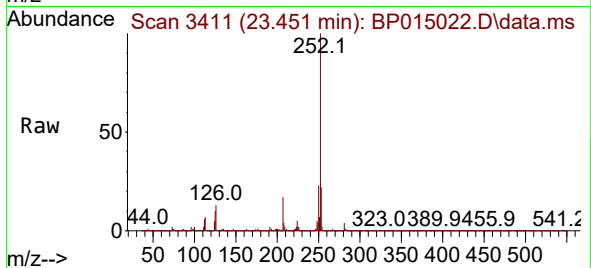
Tgt Ion:252 Resp: 1512742

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.4 8.4 12.6



#91

Benzo(k)fluoranthene

Concen: 17.025 ng/ul

RT: 23.504 min Scan# 3420

Delta R.T. 0.006 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

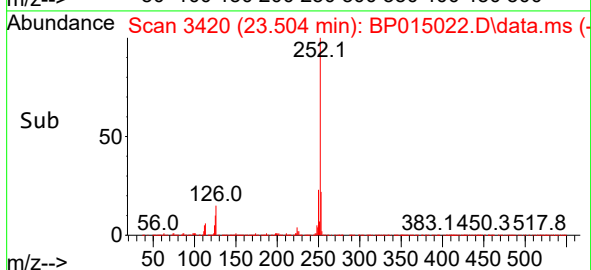
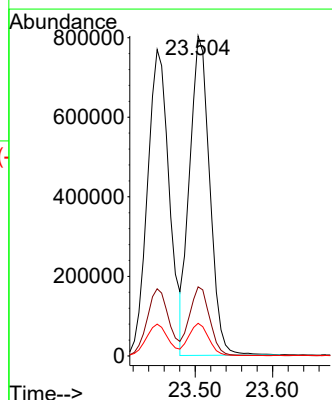
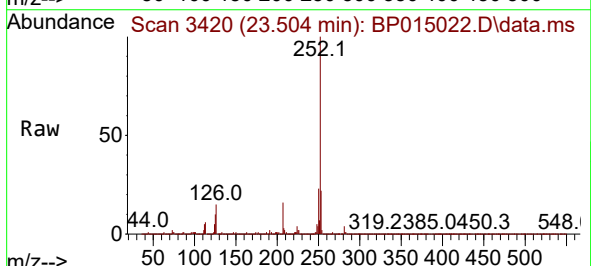
Tgt Ion:252 Resp: 1441177

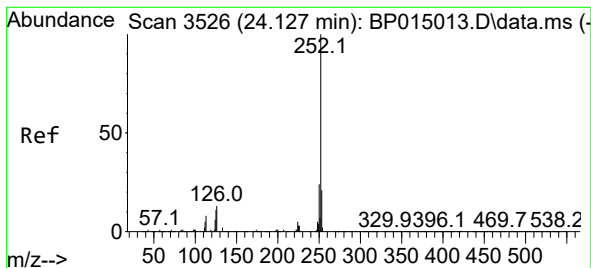
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 10.2 8.9 13.3





#93

Benzo(a)pyrene

Concen: 17.091 ng/ul

RT: 24.139 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Instrument :

BNA_P

ClientSampleId :

SSTD020704

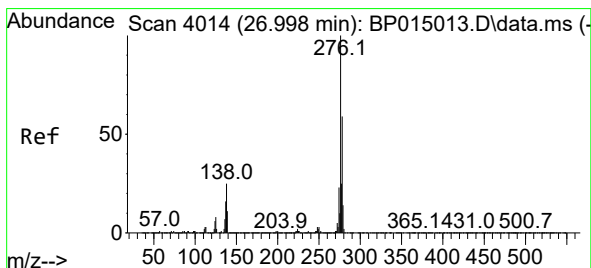
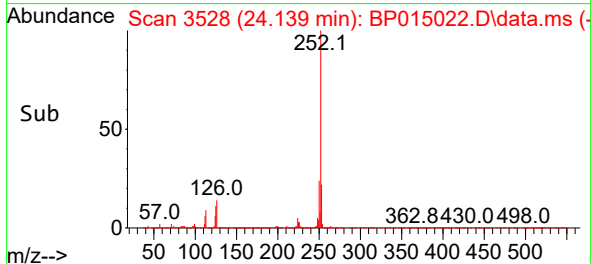
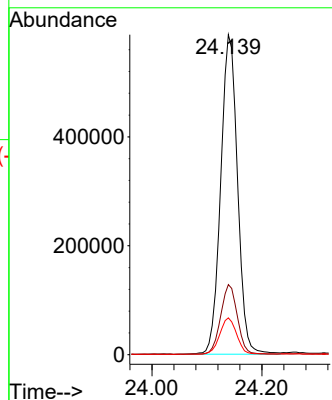
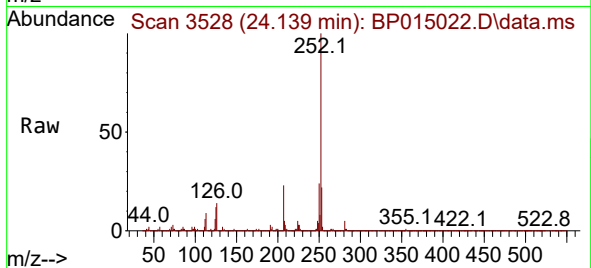
Tgt Ion:252 Resp: 1246680

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 11.5 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 17.327 ng/ul

RT: 27.021 min Scan# 4018

Delta R.T. 0.018 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

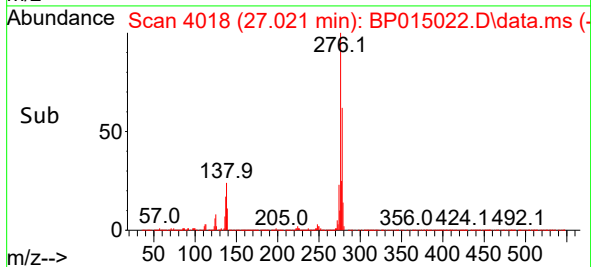
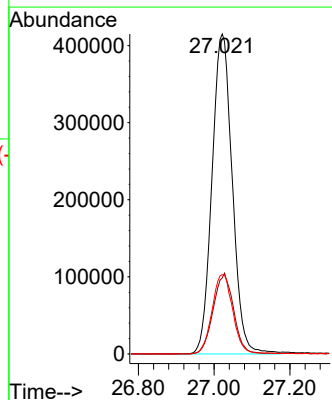
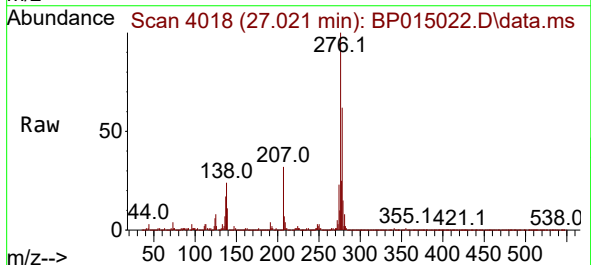
Tgt Ion:276 Resp: 1541723

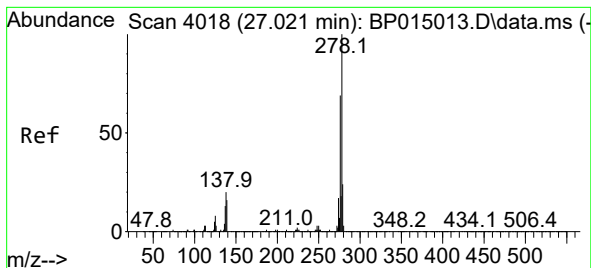
Ion Ratio Lower Upper

276 100

138 23.8 19.4 29.0

277 24.7 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 17.427 ng/ul

RT: 27.045 min Scan# 4018

Delta R.T. 0.018 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Instrument :

BNA_P

ClientSampleId :

SSTD020704

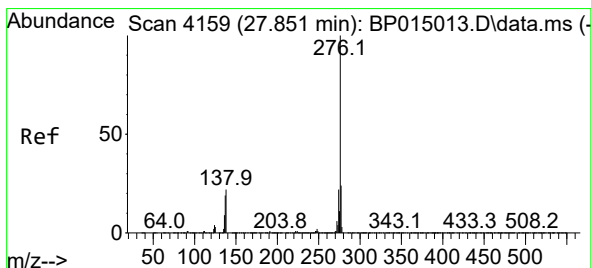
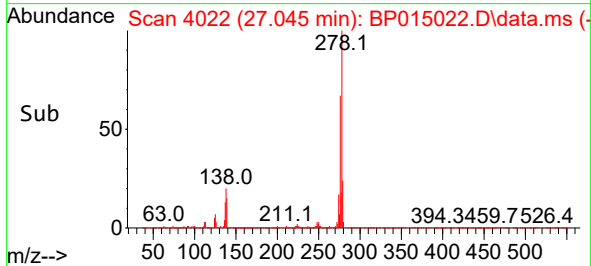
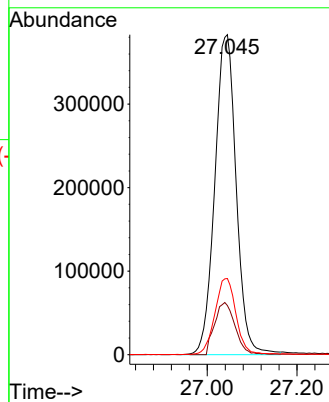
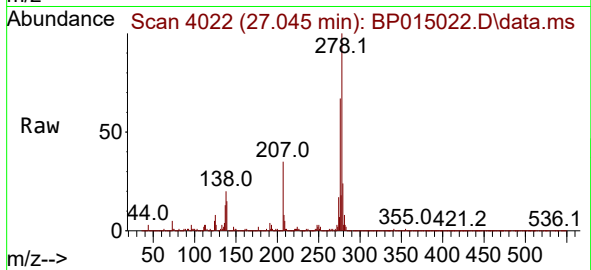
Tgt Ion:278 Resp: 1270923

Ion Ratio Lower Upper

278 100

139 15.4 12.9 19.3

279 23.8 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 16.858 ng/ul

RT: 27.874 min Scan# 4163

Delta R.T. 0.018 min

Lab File: BP015022.D

Acq: 09 May 2023 17:31

Tgt Ion:276 Resp: 1276627

Ion Ratio Lower Upper

276 100

138 21.1 18.0 27.0

277 23.2 19.8 29.8

