

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
 Data File : BP015139.D
 Acq On : 18 May 2023 11:40
 Operator : CG/JU
 Sample : 02612-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREG4MS

Quant Time: May 19 00:41:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 18 01:09:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	306791	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1482462	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	916674	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.522	188	1949098	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1579228	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	1437458	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	12104	1.533	ng/uL	0.00
4) Pyridine-d5	3.875	84	602	0.027	ng/u1	0.00
7) Phenol-d5	7.275	99	391216	13.734	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	251052	15.260	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	300627	14.354	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	317138	13.972	ng/u1	0.00
21) Nitrobenzene-d5	9.305	128	154530	13.265	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	168525	13.002	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	318813	13.631	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	448505	12.960	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	1132758	16.353	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	1226860	15.486	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	180026	13.384	ng/u1	0.00
60) Fluorene-d10	15.757	176	930053	15.912	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	152086	12.381	ng/u1	0.00
73) Anthracene-d10	17.622	188	1505255	16.866	ng/u1	0.00
81) Pyrene-d10	19.839	212	1773796	19.366	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	1315628	18.437	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	38131	4.494	ng/uL#	96
6) Benzaldehyde	7.258	77	202499	25.864	ng/u1	98
8) Phenol	7.305	94	381106	13.048	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.540	93	306667	13.123	ng/u1	99
12) 2-Chlorophenol	7.687	128	272993	12.323	ng/u1	97
13) 2-Methylphenol	8.575	108	239583	10.613	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.658	45	397021	13.560	ng/u1	98
16) Acetophenone	8.963	105	628864	17.752	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.946	70	253273	13.632	ng/u1	99
18) 4-Methylphenol	8.905	108	296999	11.953	ng/u1	98
19) Hexachloroethane	9.222	117	112346	12.420	ng/u1	97
22) Nitrobenzene	9.346	77	360367	12.525	ng/u1	98
23) Isophorone	9.875	82	715911	12.106	ng/u1	99
25) 2-Nitrophenol	10.063	139	164432	11.569	ng/u1	95
26) 2,4-Dimethylphenol	10.116	107	170111	5.997	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.357	93	452958	12.589	ng/u1	98
29) 2,4-Dichlorophenol	10.599	162	276812	11.717	ng/u1	97
30) Naphthalene	11.010	128	1003322	12.449	ng/u1	99
32) 4-Chloroaniline	11.116	127	320867	9.021	ng/u1	99
33) Hexachlorobutadiene	11.293	225	163137	11.457	ng/u1	96
34) Caprolactam	11.893	113	98333	11.040	ng/u1	91
35) 4-Chloro-3-methylphenol	12.228	107	319041	11.960	ng/u1	99
36) 2-Methylnaphthalene	12.604	142	679687	12.516	ng/u1	100
37) 1-Methylnaphthalene	12.822	142	705105	12.930	ng/u1	99

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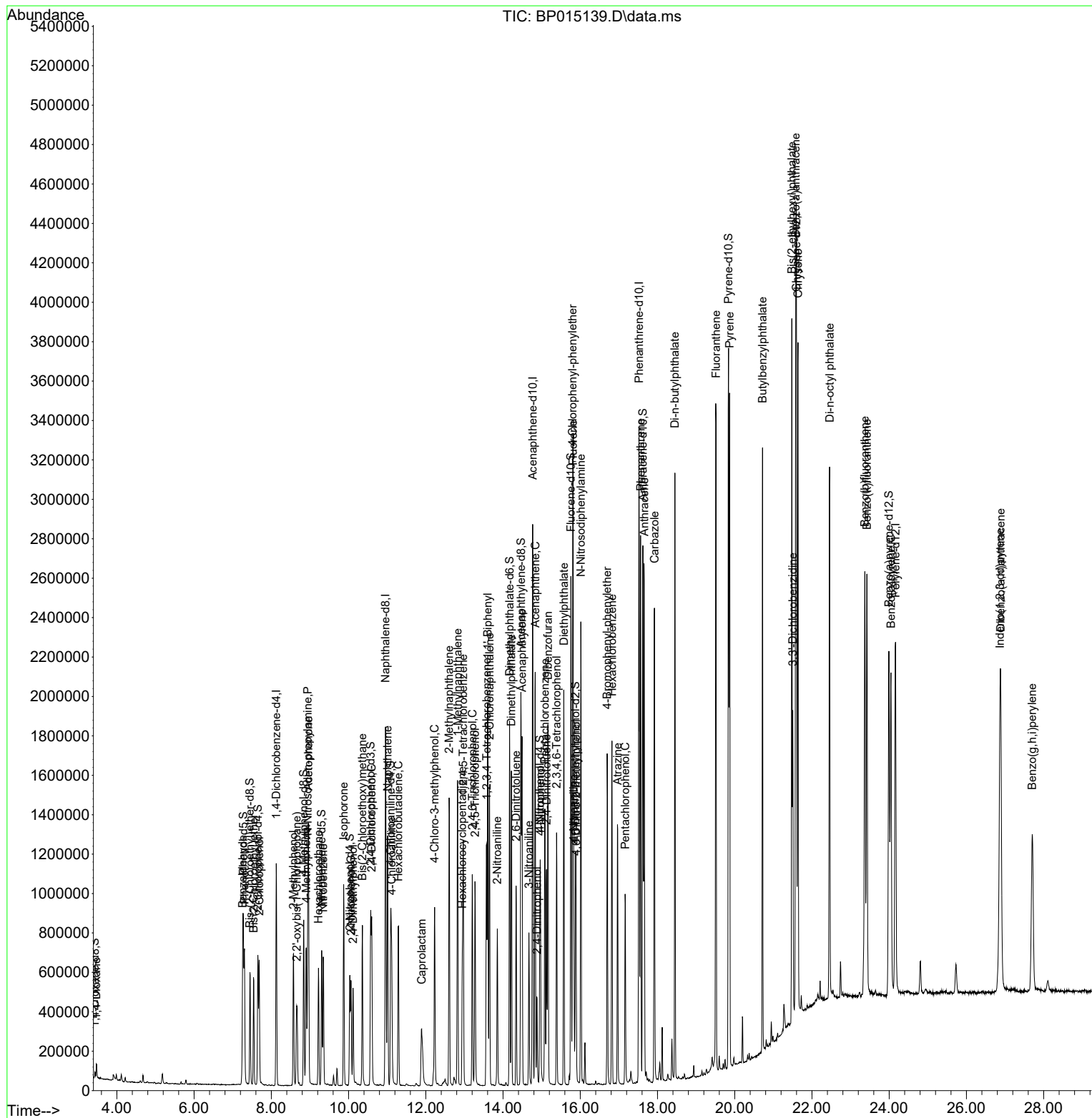
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.969	216	344782	12.576	ng/ul	96
40) Hexachlorocyclopentadiene	12.945	237	143722	8.091	ng/ul	99
41) 2,4,6-Trichlorophenol	13.204	196	222844	11.511	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	253074	12.057	ng/ul	99
43) 1,1'-Biphenyl	13.604	154	943638	13.268	ng/ul	99
44) 2-Chloronaphthalene	13.651	162	733719	13.210	ng/ul	100
45) 2-Nitroaniline	13.851	65	210883	13.270	ng/ul	89
47) Dimethylphthalate	14.216	163	992701	13.761	ng/ul	99
48) 2,6-Dinitrotoluene	14.340	165	178017	12.456	ng/ul	92
50) Acenaphthylene	14.492	152	1161500	13.140	ng/ul	100
51) 3-Nitroaniline	14.669	138	180579	14.032	ng/ul	92
52) Acenaphthene	14.834	153	815384	13.506	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	87656	9.237	ng/ul	91
55) 4-Nitrophenol	14.969	109	144294	14.585	ng/ul	95
56) Dibenzofuran	15.163	168	1139249	13.567	ng/ul	100
57) 2,4-Dinitrotoluene	15.128	165	284080	13.736	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.387	232	220866	12.468	ng/ul	97
59) Diethylphthalate	15.575	149	1027796	14.285	ng/ul	99
61) Fluorene	15.816	166	958560	14.204	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	447642	13.576	ng/ul	96
63) 4-Nitroaniline	15.834	138	203972	18.354	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.892	198	167439	13.208	ng/ul	98
67) N-Nitrosodiphenylamine	16.016	169	810720	14.146	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	283795	14.136	ng/ul	98
69) Hexachlorobenzene	16.822	284	342420	14.433	ng/ul	99
70) Atrazine	16.969	200	216218	10.207	ng/ul	99
71) Pentachlorophenol	17.163	266	164756	11.102	ng/ul	96
72) Phenanthrene	17.563	178	1596461	15.042	ng/ul	100
74) Anthracene	17.657	178	1588152	14.797	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.575	216	348259	12.602	ng/uL	99
76) Pentachlorobenzene	15.087	250	354358	12.771	ng/uL	99
77) Carbazole	17.922	167	1538267	16.345	ng/ul	100
78) Di-n-butylphthalate	18.451	149	1984797	16.377	ng/ul	100
80) Fluoranthene	19.516	202	1910712	17.116	ng/ul	100
82) Pyrene	19.869	202	2011052	17.444	ng/ul	99
83) Butylbenzylphthalate	20.722	149	795129	15.558	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.504	252	427112	12.314	ng/ul	99
85) Benzo(a)anthracene	21.580	228	1744945	15.980	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	1142687	15.530	ng/ul	98
87) Chrysene	21.639	228	1684673	16.139	ng/ul	99
89) Di-n-octyl phthalate	22.457	149	1800579	18.290	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	1526901	16.756	ng/ul	100
91) Benzo(k)fluoranthene	23.421	252	1567782	17.917	ng/ul	100
93) Benzo(a)pyrene	24.045	252	1284876	15.952	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.868	276	1484909	14.238	ng/ul	99
95) Dibenzo(a,h)anthracene	26.886	278	1239210	14.475	ng/ul	100
96) Benzo(g,h,i)perylene	27.704	276	1116505	13.128	ng/ul	99

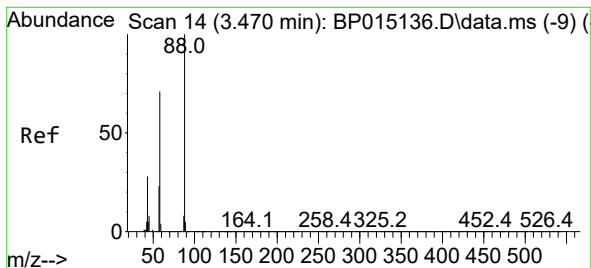
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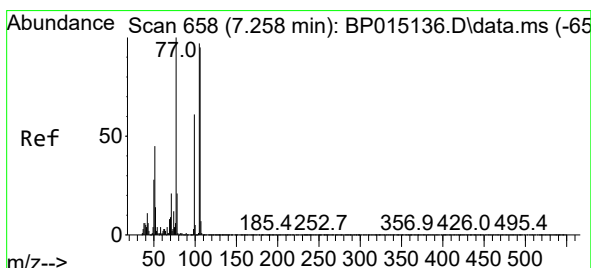
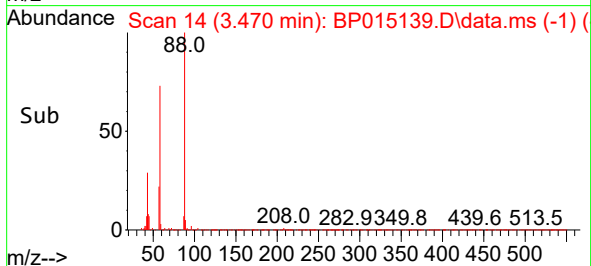
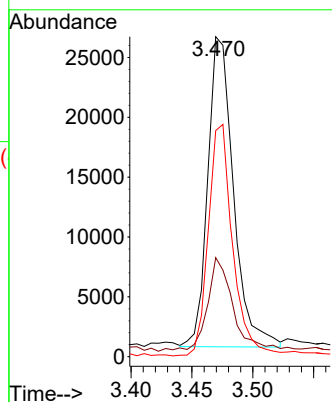
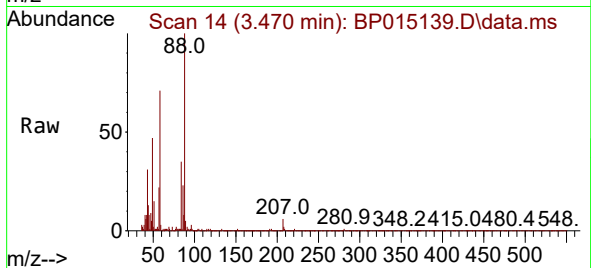




#2
1,4-Dioxane
Concen: 4.494 ng/uL
RT: 3.470 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP015139.D
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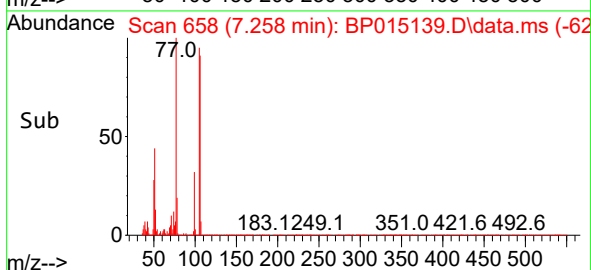
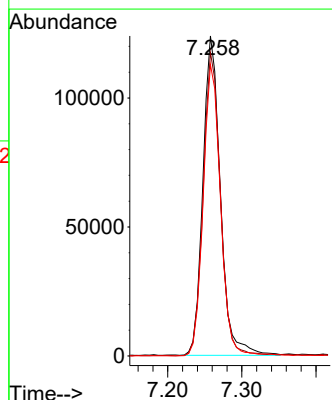
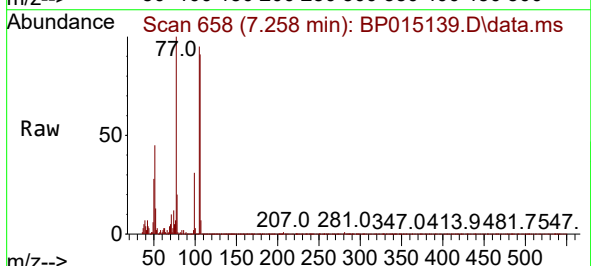
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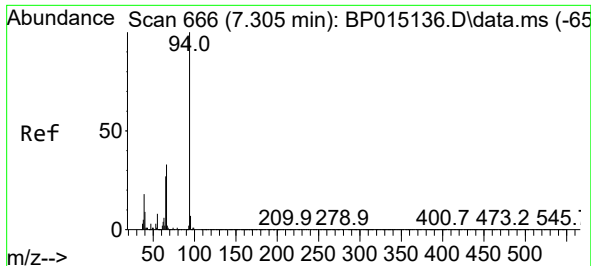
Tgt Ion: 88 Resp: 38131
Ion Ratio Lower Upper
88 100
43 31.0 20.4 30.6#
58 70.7 55.4 83.2



#6
Benzaldehyde
Concen: 25.864 ng/uL
RT: 7.258 min Scan# 658
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion: 77 Resp: 202499
Ion Ratio Lower Upper
77 100
105 94.8 76.9 115.3
106 91.0 75.0 112.6

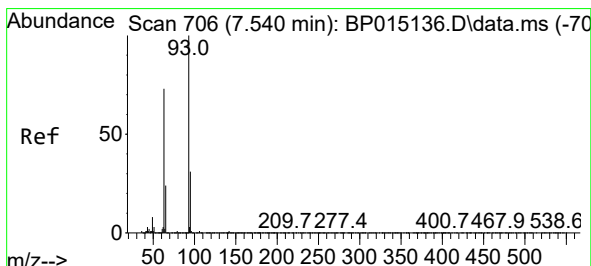
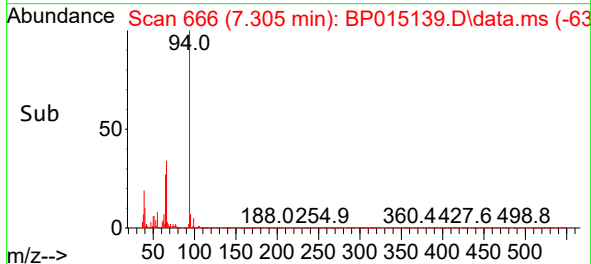
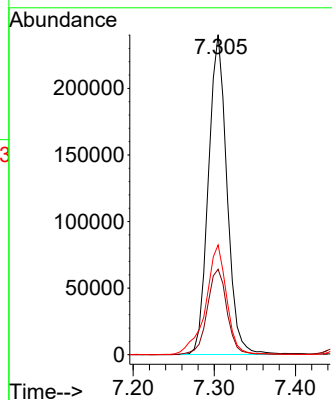
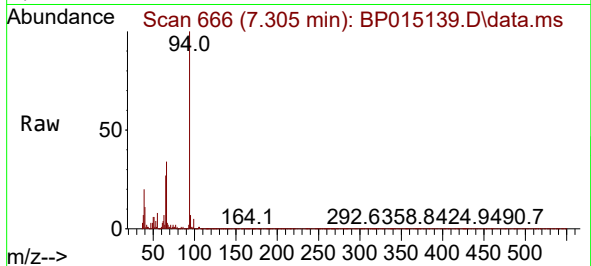




#8
Phenol
Concen: 13.048 ng/ul
RT: 7.305 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

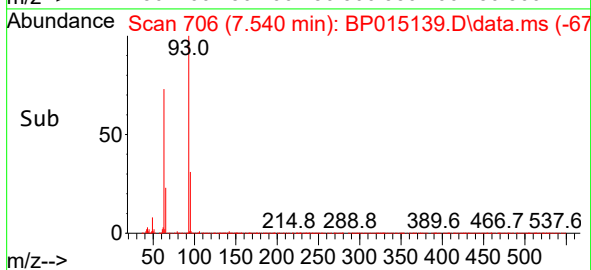
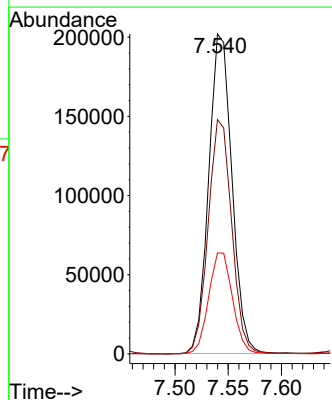
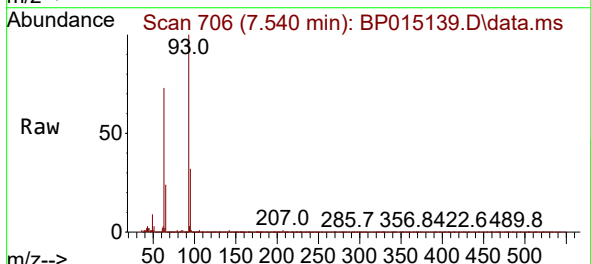
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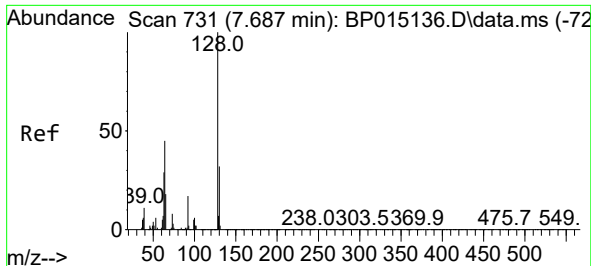
Tgt Ion: 94 Resp: 381106
Ion Ratio Lower Upper
94 100
65 26.7 20.6 31.0
66 34.3 26.1 39.1



#10
Bis(2-Chloroethyl)ether
Concen: 13.123 ng/ul
RT: 7.540 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion: 93 Resp: 306667
Ion Ratio Lower Upper
93 100
63 73.3 58.0 87.0
95 31.6 26.4 39.6

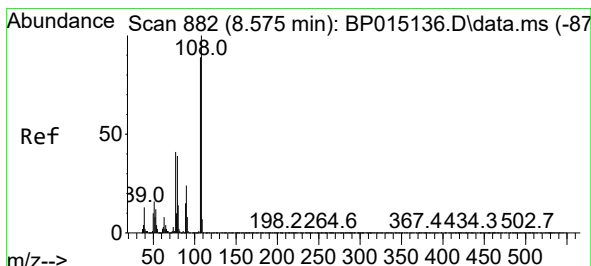
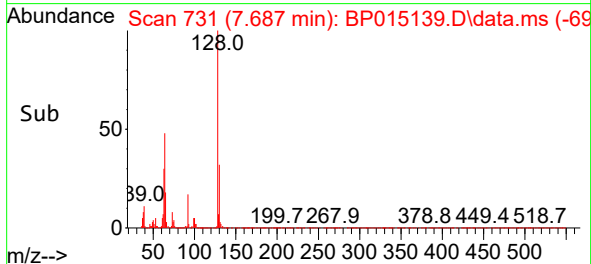
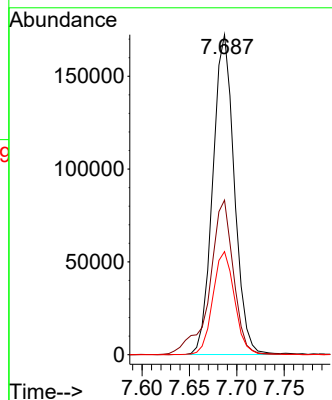
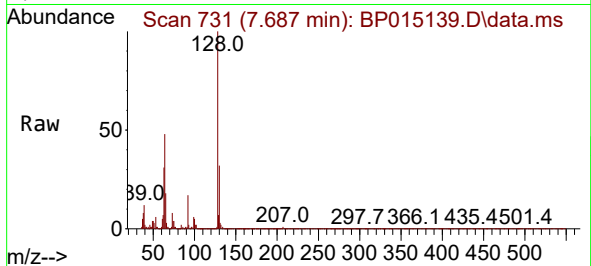




#12
2-Chlorophenol
Concen: 12.323 ng/ul
RT: 7.687 min Scan# 731
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

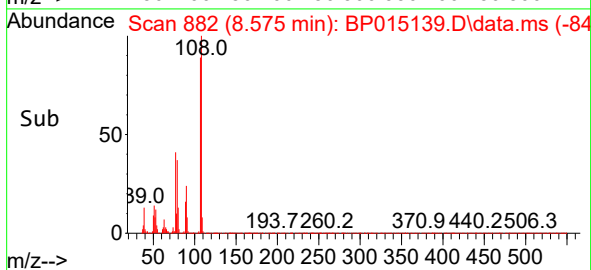
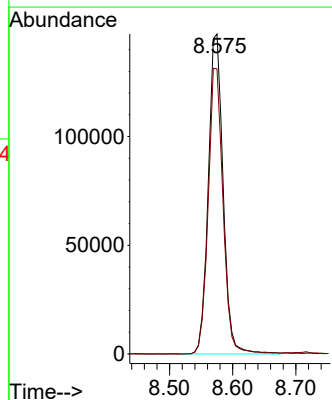
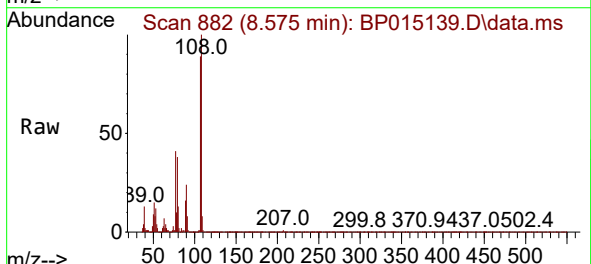
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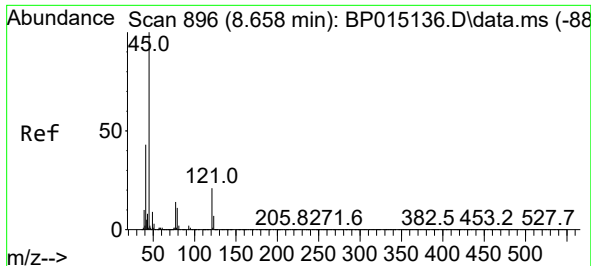
Tgt Ion:128 Resp: 272993
Ion Ratio Lower Upper
128 100
64 48.3 36.2 54.2
130 32.2 26.3 39.5



#13
2-Methylphenol
Concen: 10.613 ng/ul
RT: 8.575 min Scan# 882
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:108 Resp: 239583
Ion Ratio Lower Upper
108 100
107 89.1 71.8 107.6

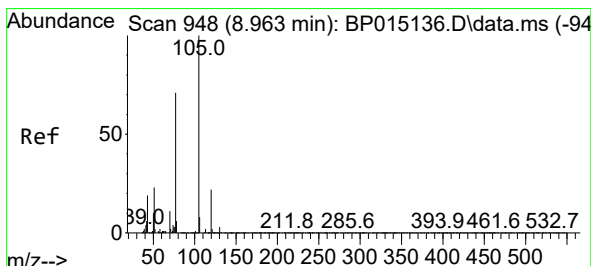
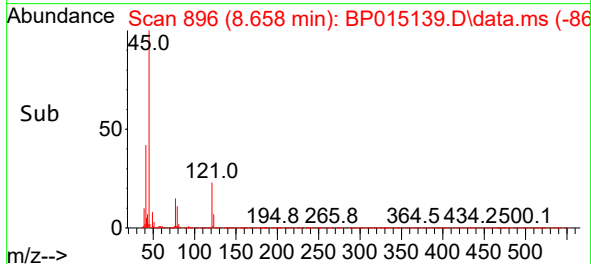
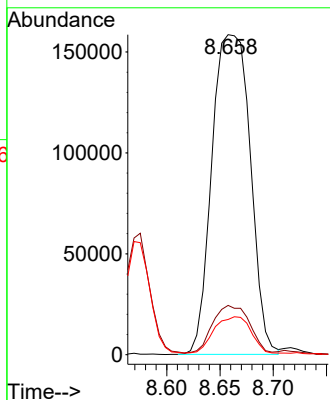
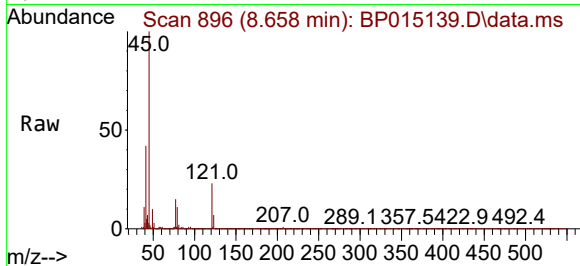




#14
2,2'-oxybis(1-Chloropropane)
Concen: 13.560 ng/ul
RT: 8.658 min Scan# 896
Delta R.T. 0.000 min
Lab File: BP015139.D
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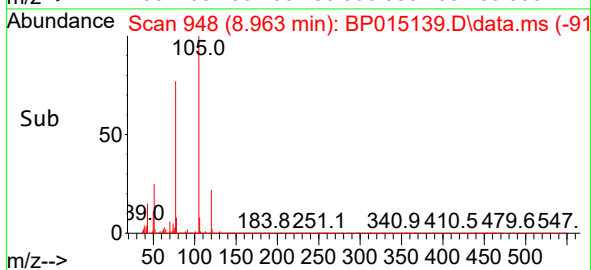
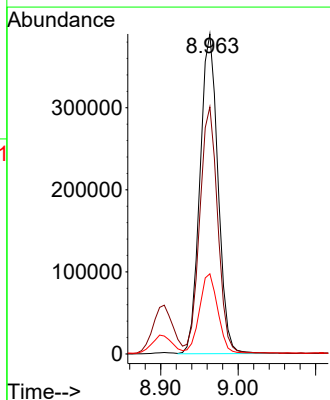
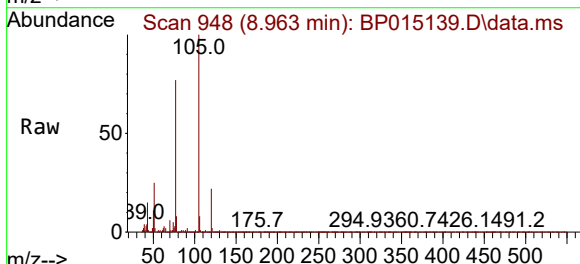
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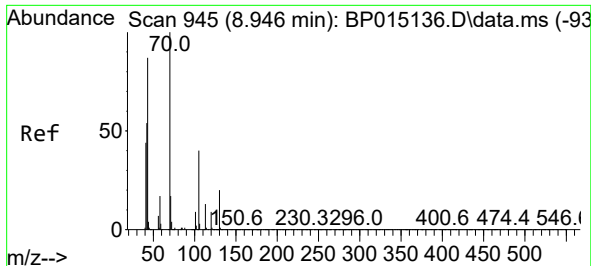
Tgt Ion: 45 Resp: 397021
Ion Ratio Lower Upper
45 100
77 15.4 12.8 19.2
79 11.0 9.5 14.3



#16
Acetophenone
Concen: 17.752 ng/ul
RT: 8.963 min Scan# 948
Delta R.T. 0.000 min
Lab File: BP015139.D
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Tgt Ion: 105 Resp: 628864
Ion Ratio Lower Upper
105 100
77 77.2 59.4 89.2
51 25.1 19.2 28.8

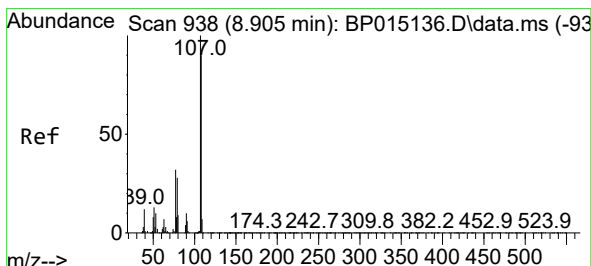
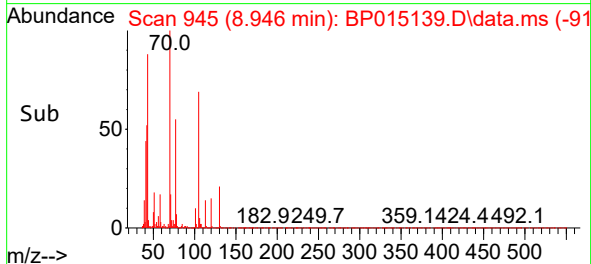
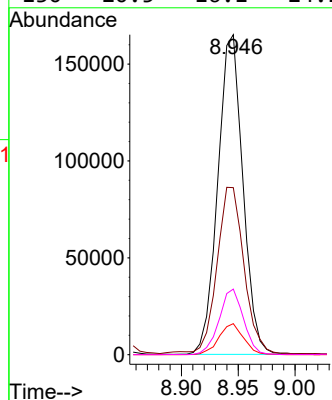
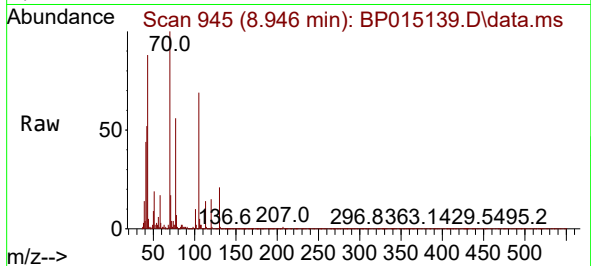




#17
N-Nitroso-di-n-propylamine
Concen: 13.632 ng/ul
RT: 8.946 min Scan# 945
Delta R.T. 0.000 min
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Acq: 18 May 2023 11:40

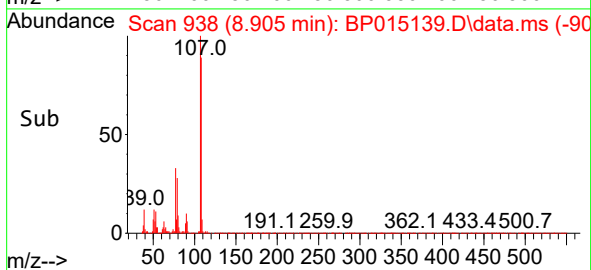
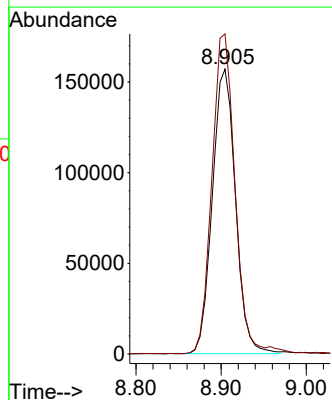
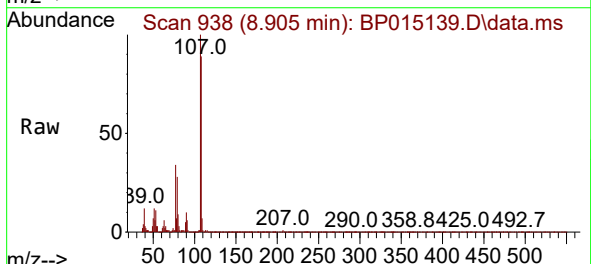
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BNA_P
ClientSampleId :
JREG4MS

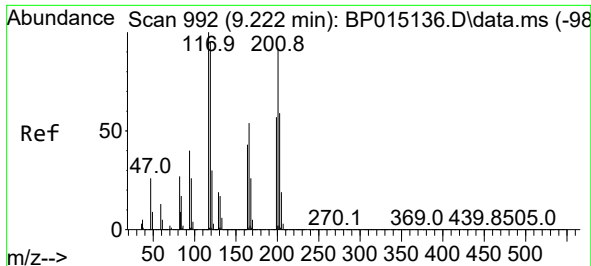
Tgt Ion:	70	Resp:	253273
Ion	Ratio	Lower	Upper
70	100		
42	52.2	41.0	61.6
101	9.7	7.9	11.9
130	20.5	16.1	24.1



#18
4-Methylphenol
Concen: 11.953 ng/ul
RT: 8.905 min Scan# 938
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:	108	Resp:	296999
Ion	Ratio	Lower	Upper
108	100		
107	112.4	88.5	132.7

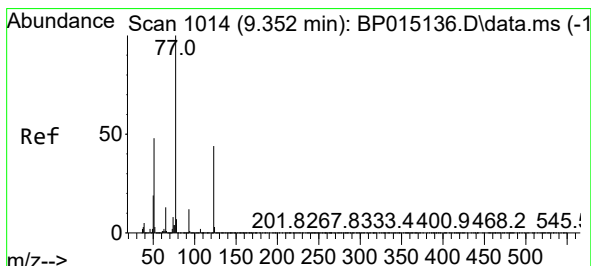
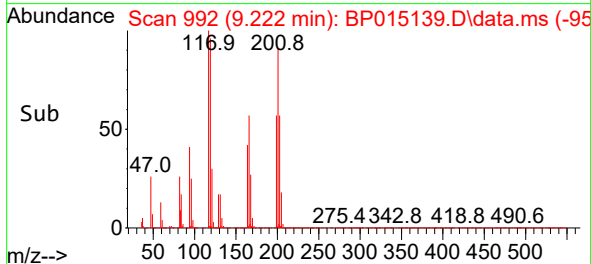
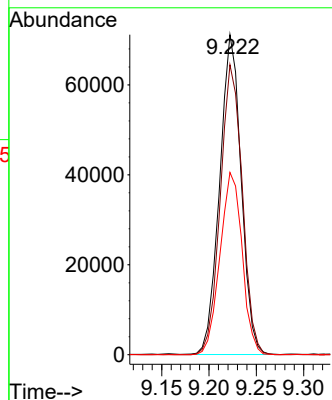
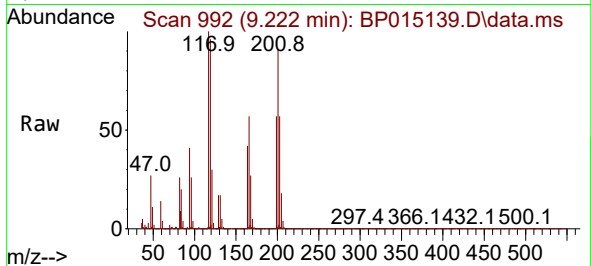




#19
Hexachloroethane
Concen: 12.420 ng/ul
RT: 9.222 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

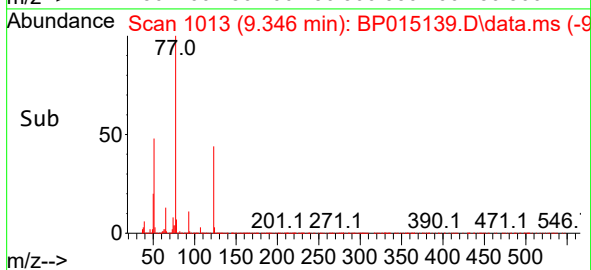
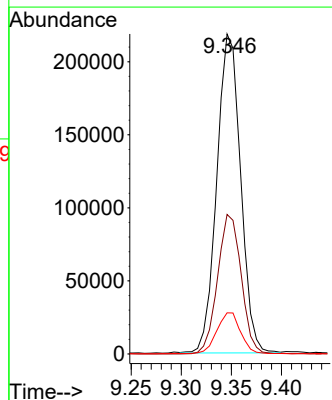
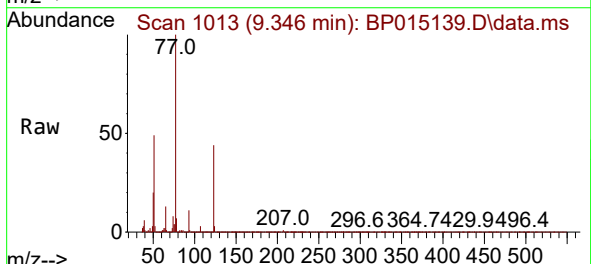
Instrument :
BNA_P
ClientSampleId :
JREG4MS

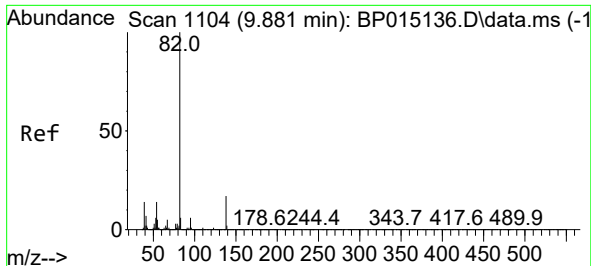
Tgt Ion:117 Resp: 112346
Ion Ratio Lower Upper
117 100
201 90.6 75.8 113.8
199 56.9 46.5 69.7



#22
Nitrobenzene
Concen: 12.525 ng/ul
RT: 9.346 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion: 77 Resp: 360367
Ion Ratio Lower Upper
77 100
123 43.6 36.2 54.2
65 12.8 10.1 15.1

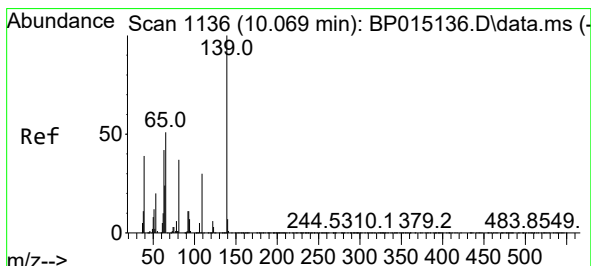
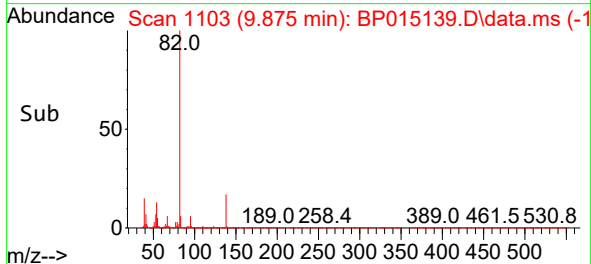
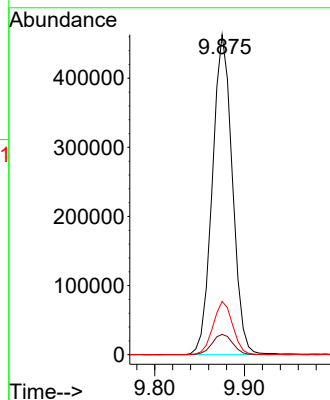
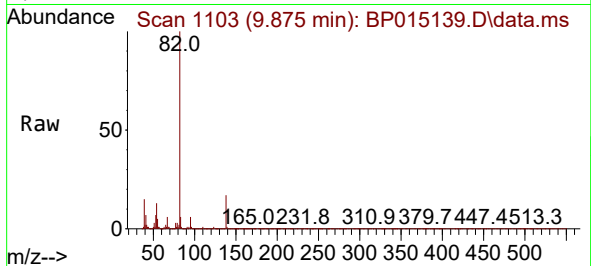




#23
Isophorone
Concen: 12.106 ng/ul
RT: 9.875 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

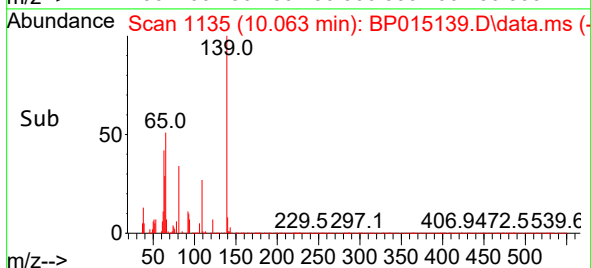
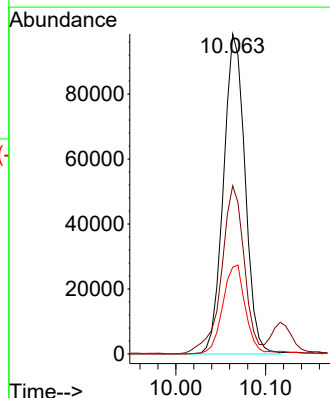
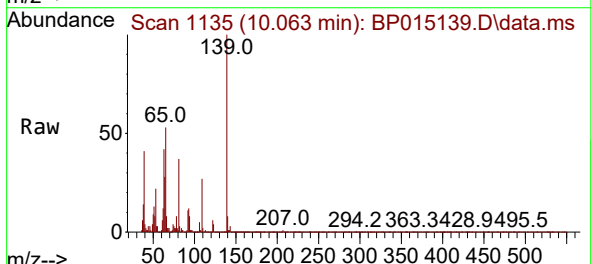
Instrument :
BNA_P
ClientSampleId :
JREG4MS

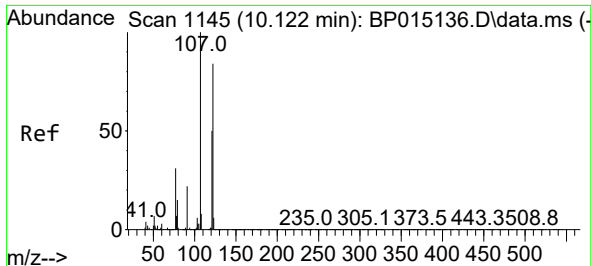
Tgt Ion: 82 Resp: 715911
Ion Ratio Lower Upper
82 100
95 6.3 5.4 8.0
138 16.6 13.6 20.4



#25
2-Nitrophenol
Concen: 11.569 ng/ul
RT: 10.063 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:139 Resp: 164432
Ion Ratio Lower Upper
139 100
65 52.6 38.4 57.6
109 27.1 22.2 33.2

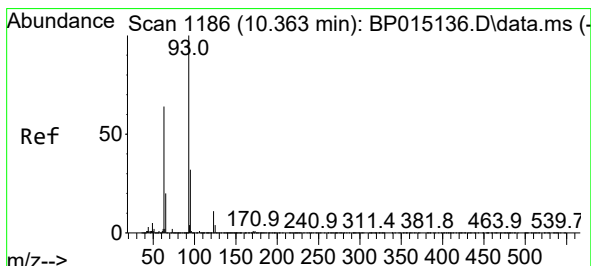
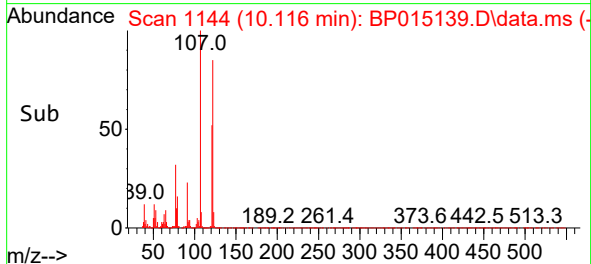
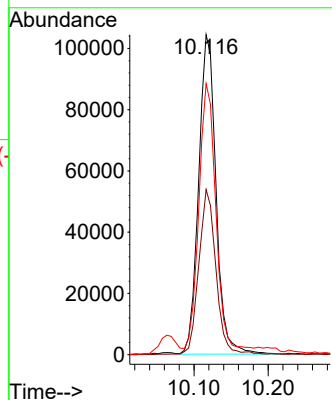
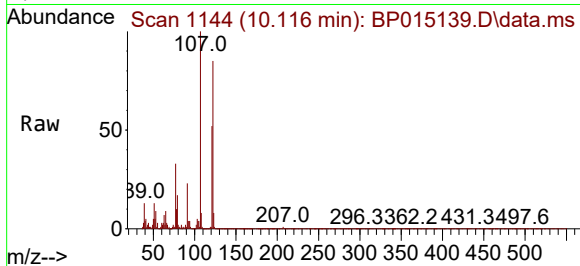




#26
2,4-Dimethylphenol
Concen: 5.997 ng/ul
RT: 10.116 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

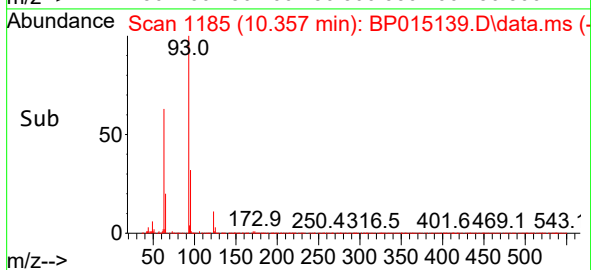
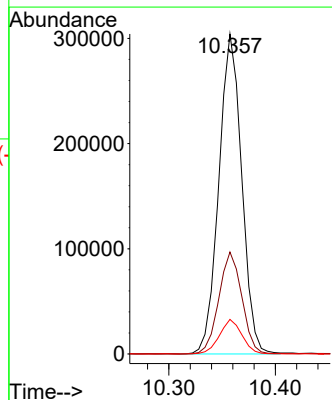
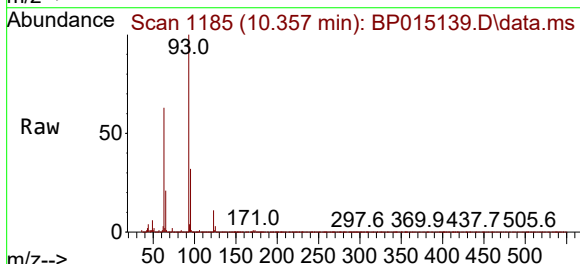
Instrument :
BNA_P
ClientSampleId :
JREG4MS

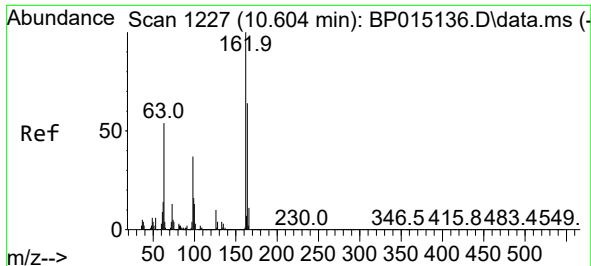
Tgt Ion:107 Resp: 170111
Ion Ratio Lower Upper
107 100
121 51.6 41.0 61.6
122 84.7 69.5 104.3



#27
Bis(2-Chloroethoxy)methane
Concen: 12.589 ng/ul
RT: 10.357 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion: 93 Resp: 452958
Ion Ratio Lower Upper
93 100
95 31.8 26.7 40.1
123 10.8 9.1 13.7

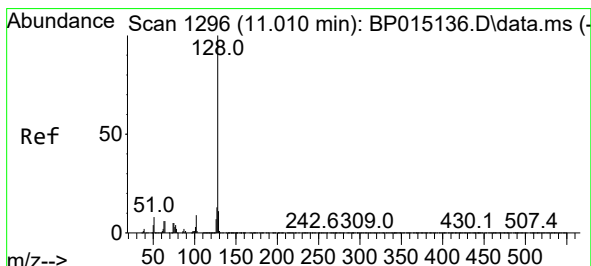
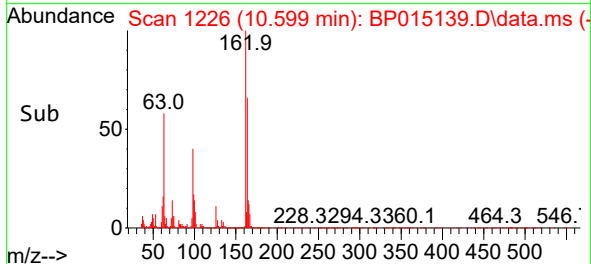
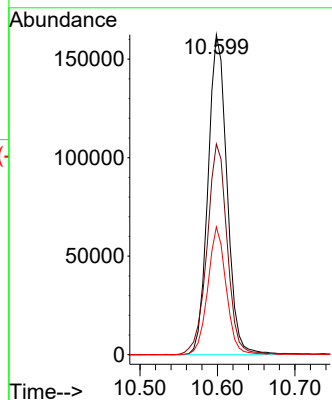
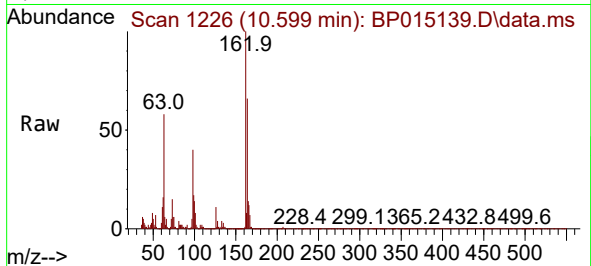




#29
2,4-Dichlorophenol
Concen: 11.717 ng/ul
RT: 10.599 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

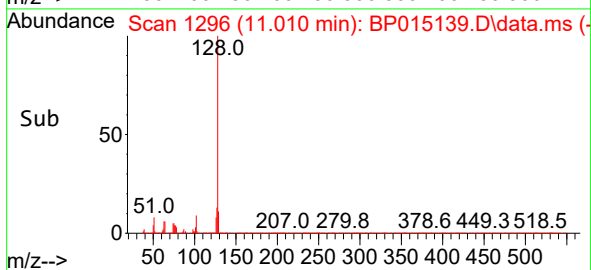
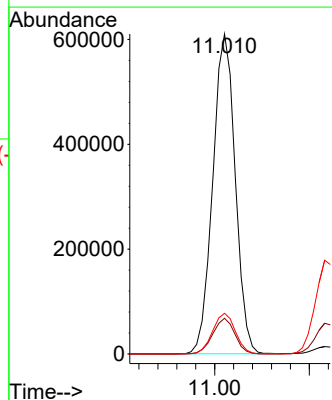
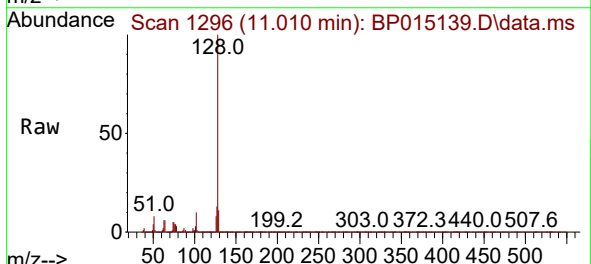
Instrument :
BNA_P
ClientSampleId :
JREG4MS

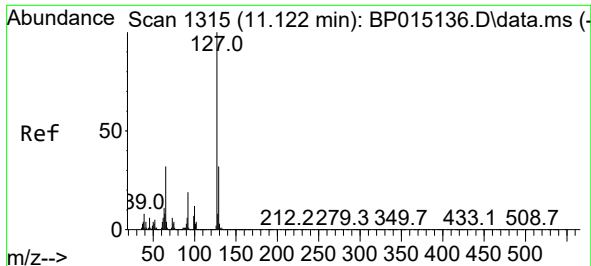
Tgt Ion:162 Resp: 276812
Ion Ratio Lower Upper
162 100
164 65.9 52.0 78.0
98 40.0 28.9 43.3



#30
Naphthalene
Concen: 12.449 ng/ul
RT: 11.010 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:128 Resp: 1003322
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.7 10.6 15.8

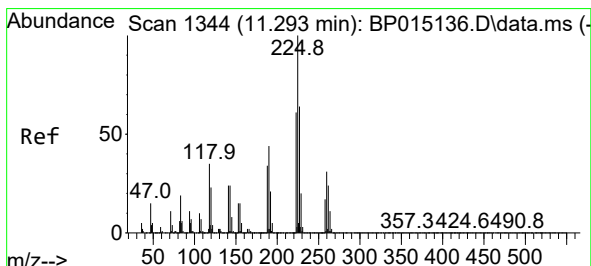
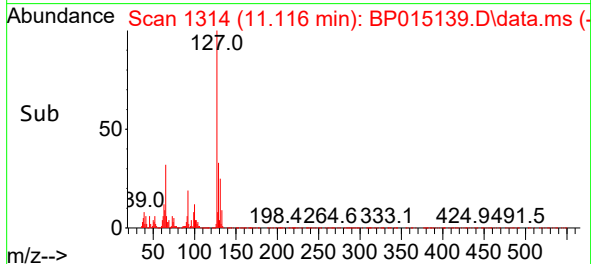
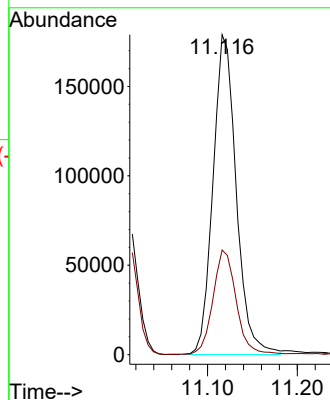
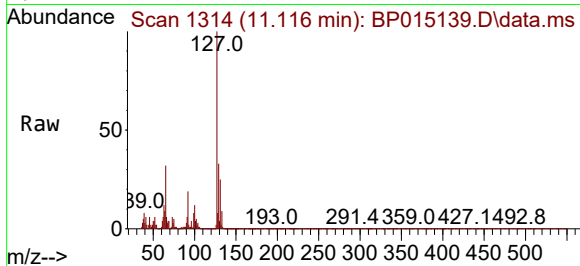




#32
4-Chloroaniline
Concen: 9.021 ng/ul
RT: 11.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

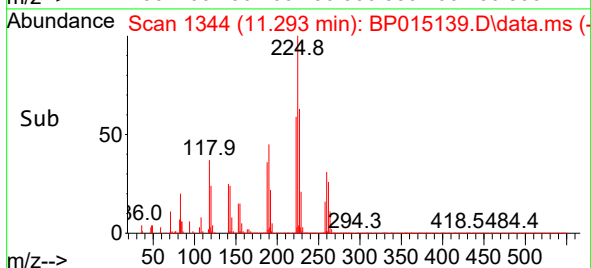
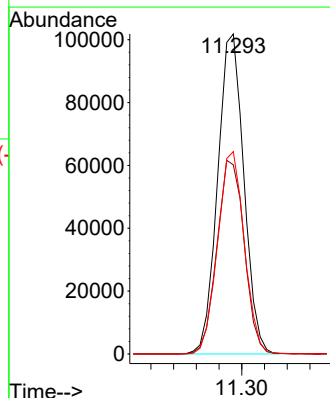
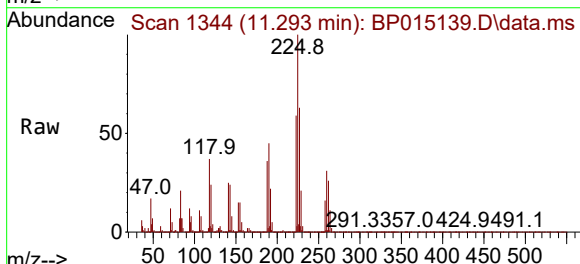
Instrument :
BNA_P
ClientSampleId :
JREG4MS

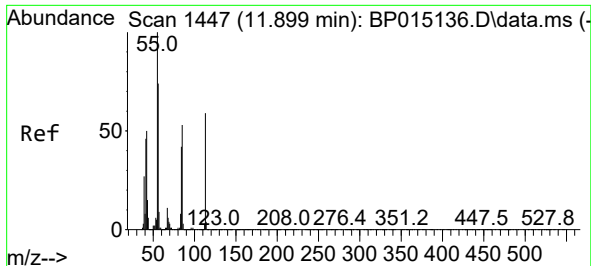
Tgt Ion:127 Resp: 320867
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.8



#33
Hexachlorobutadiene
Concen: 11.457 ng/ul
RT: 11.293 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:225 Resp: 163137
Ion Ratio Lower Upper
225 100
223 59.1 51.0 76.6
227 63.3 52.2 78.4

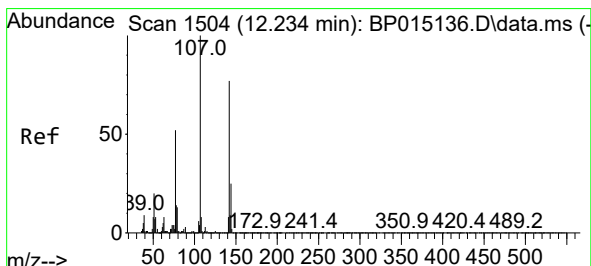
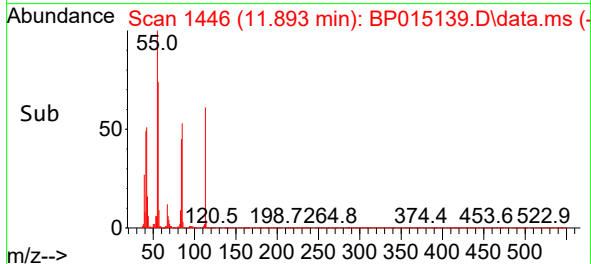
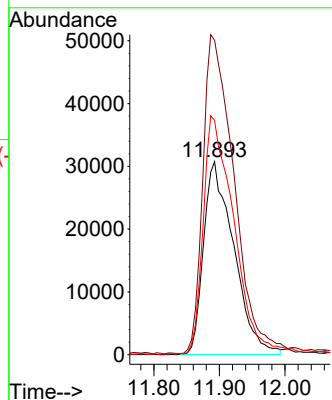
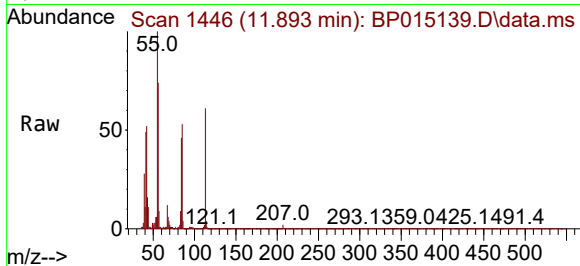




#34
 Caprolactam
 Concen: 11.040 ng/ul
 RT: 11.893 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: BP015139.D
 Acq: 18 May 2023 11:40

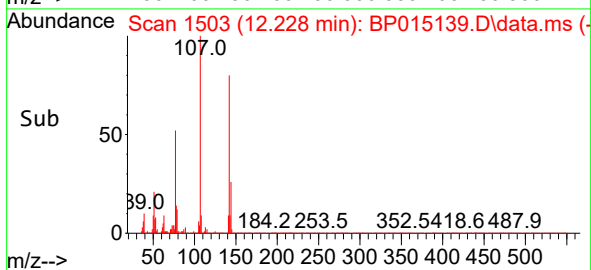
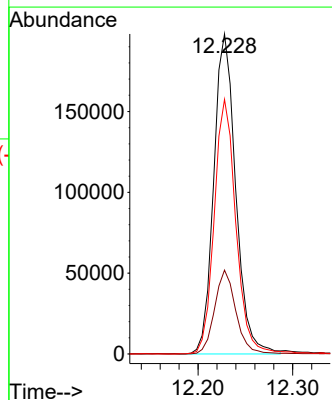
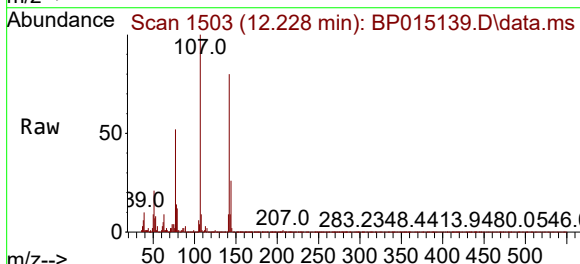
Instrument :
 BNA_P
 ClientSampleId :
 JREG4MS

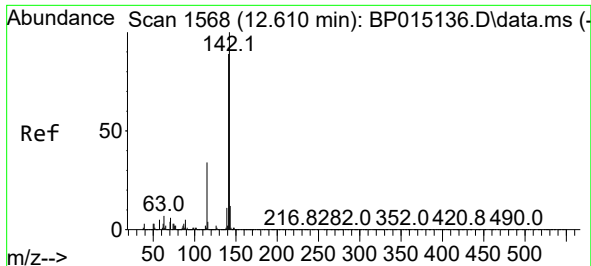
Tgt Ion:113 Resp: 98333
 Ion Ratio Lower Upper
 113 100
 55 163.0 121.2 181.8
 56 121.4 90.2 135.4



#35
 4-Chloro-3-methylphenol
 Concen: 11.960 ng/ul
 RT: 12.228 min Scan# 1503
 Delta R.T. 0.000 min
 Lab File: BP015139.D
 Acq: 18 May 2023 11:40

Tgt Ion:107 Resp: 319041
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.3 30.5
 142 79.6 63.2 94.8

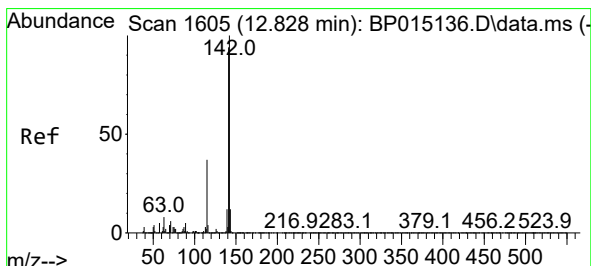
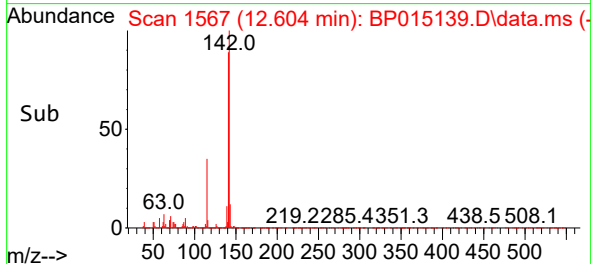
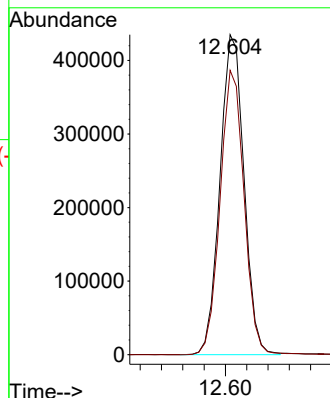
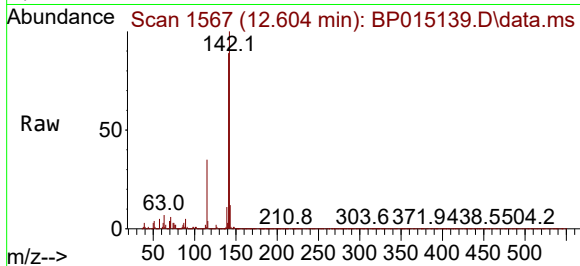




#36
2-Methylnaphthalene
Concen: 12.516 ng/ul
RT: 12.604 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

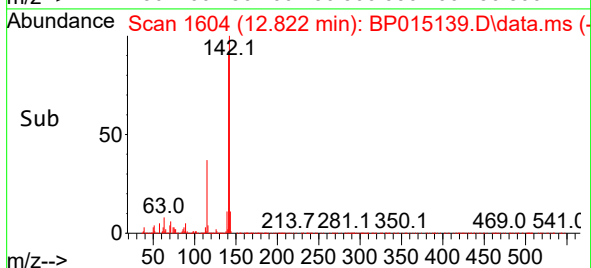
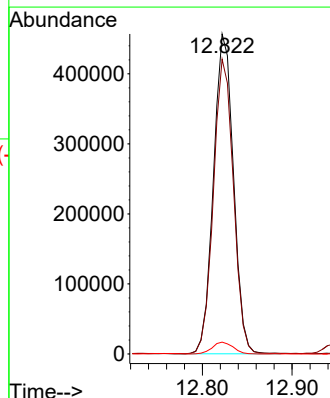
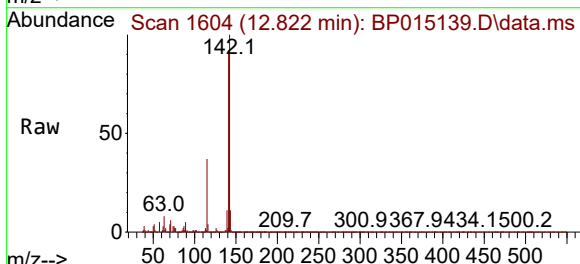
Instrument :
BNA_P
ClientSampleId :
JREG4MS

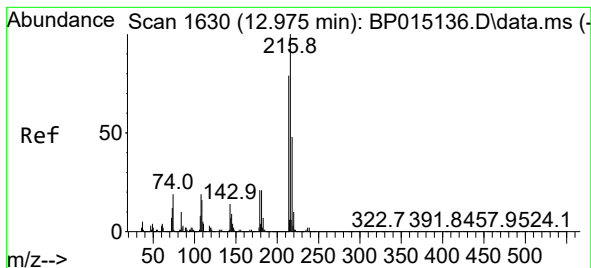
Tgt Ion:142 Resp: 679687
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6



#37
1-Methylnaphthalene
Concen: 12.930 ng/ul
RT: 12.822 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:142 Resp: 705105
Ion Ratio Lower Upper
142 100
141 92.1 74.6 112.0
116 3.7 2.9 4.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 12.576 ng/ul

RT: 12.969 min Scan# 1629

Delta R.T. 0.000 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

Instrument :

BNA_P

ClientSampleId :

JREG4MS

Tgt Ion:216 Resp: 344782

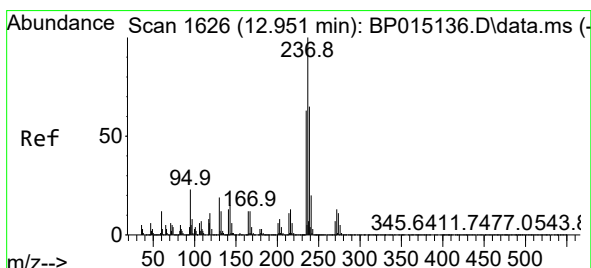
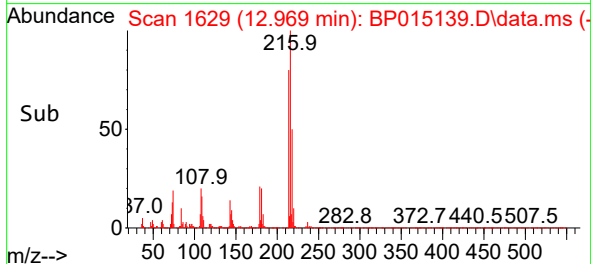
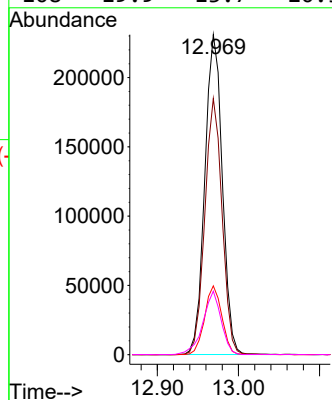
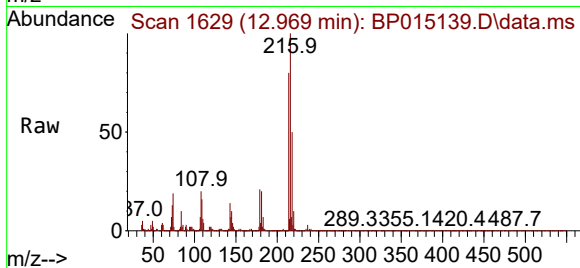
Ion Ratio Lower Upper

216 100

214 80.0 61.4 92.0

179 21.5 15.9 23.9

108 19.9 13.7 20.5



#40

Hexachlorocyclopentadiene

Concen: 8.091 ng/ul

RT: 12.945 min Scan# 1625

Delta R.T. 0.000 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

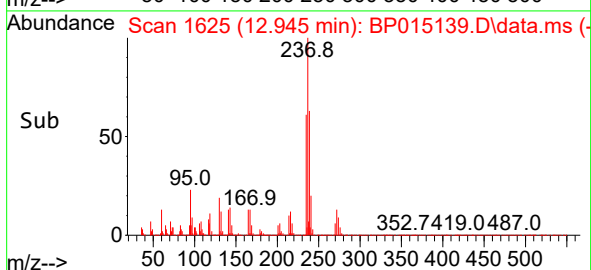
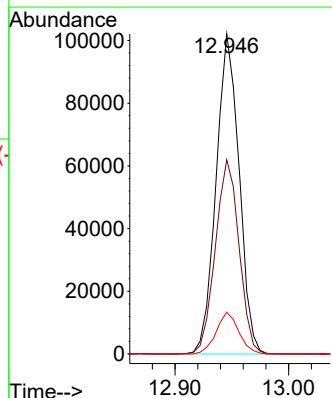
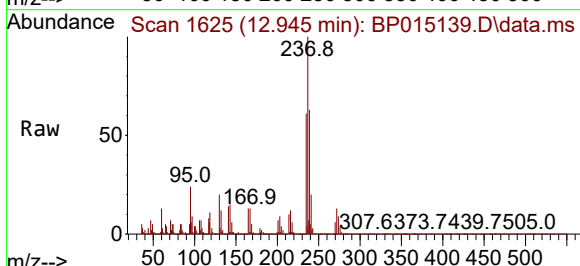
Tgt Ion:237 Resp: 143722

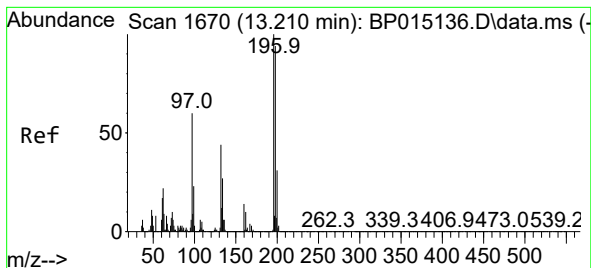
Ion Ratio Lower Upper

237 100

235 60.7 49.4 74.0

272 13.0 10.4 15.6





#41

2,4,6-Trichlorophenol

Concen: 11.511 ng/ul

RT: 13.204 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

Instrument :

BNA_P

ClientSampleId :

JREG4MS

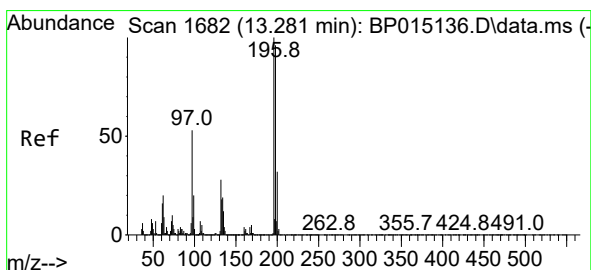
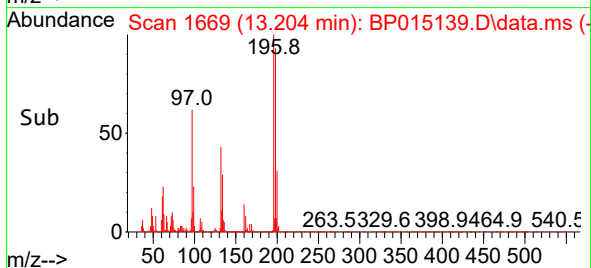
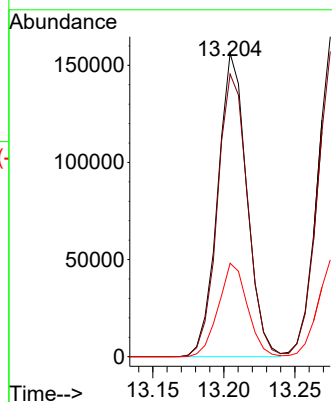
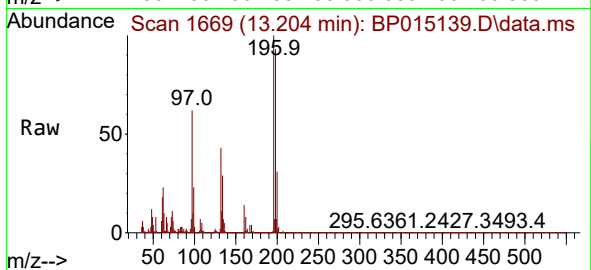
Tgt Ion:196 Resp: 222844

Ion Ratio Lower Upper

196 100

198 93.1 75.5 113.3

200 30.8 23.6 35.4



#42

2,4,5-Trichlorophenol

Concen: 12.057 ng/ul

RT: 13.275 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

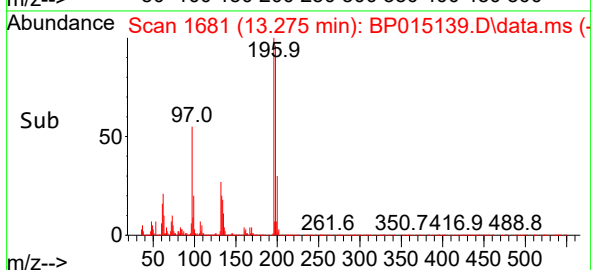
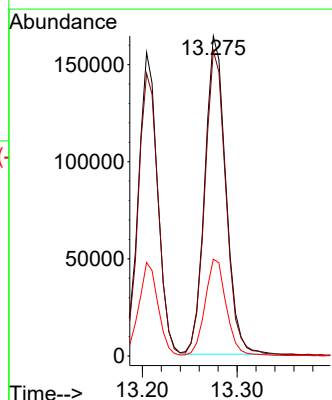
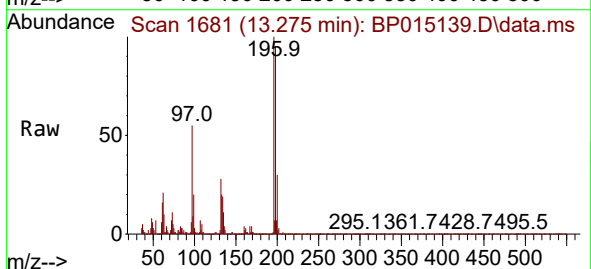
Tgt Ion:196 Resp: 253074

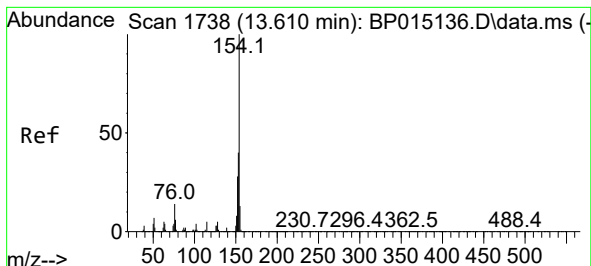
Ion Ratio Lower Upper

196 100

198 95.4 77.0 115.4

200 30.2 24.3 36.5





#43

1,1'-Biphenyl

Concen: 13.268 ng/ul

RT: 13.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

Instrument :

BNA_P

ClientSampleId :

JREG4MS

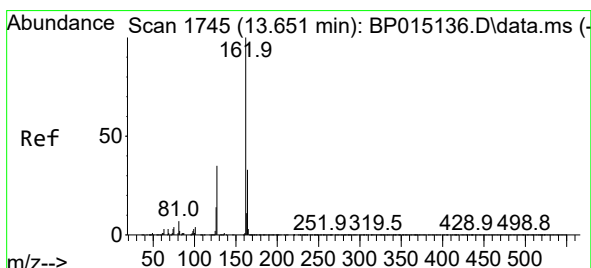
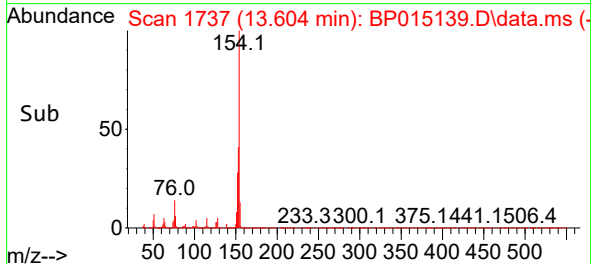
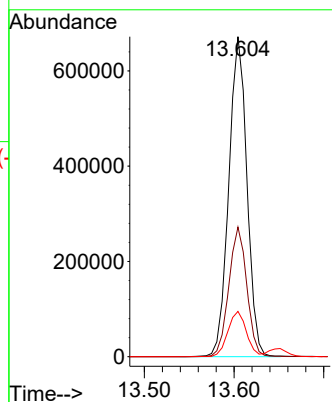
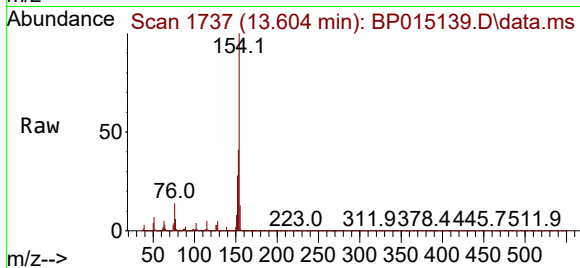
Tgt Ion:154 Resp: 943638

Ion Ratio Lower Upper

154 100

153 40.5 32.7 49.1

76 14.2 10.7 16.1



#44

2-Chloronaphthalene

Concen: 13.210 ng/ul

RT: 13.651 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

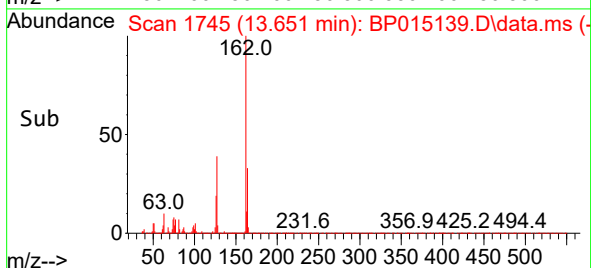
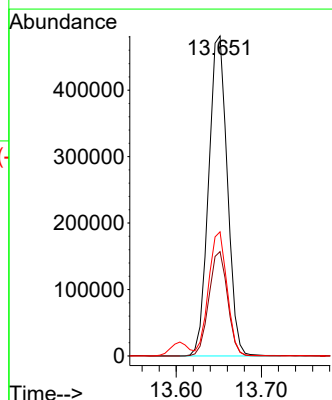
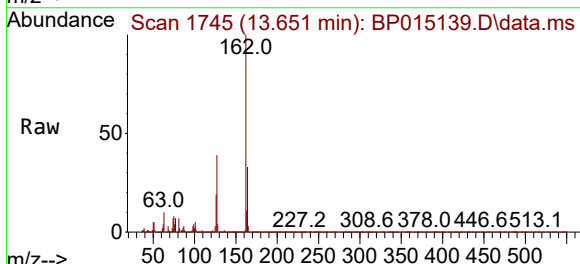
Tgt Ion:162 Resp: 733719

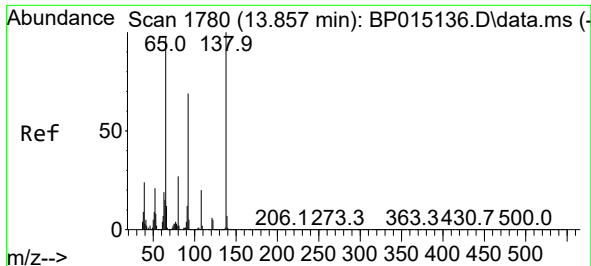
Ion Ratio Lower Upper

162 100

164 32.6 25.9 38.9

127 38.8 30.8 46.2

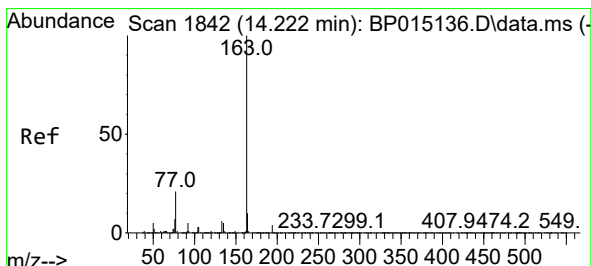
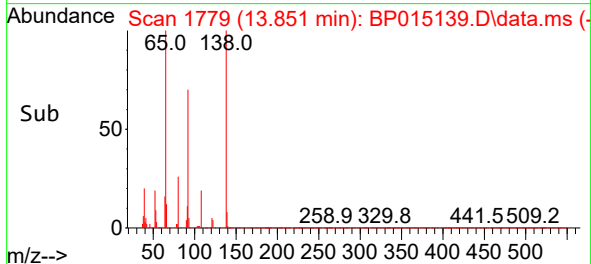
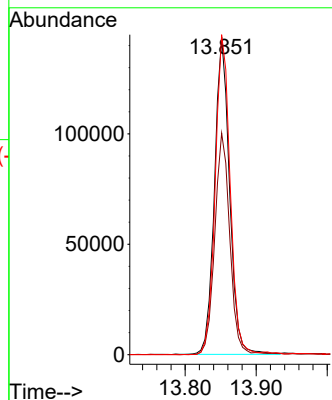
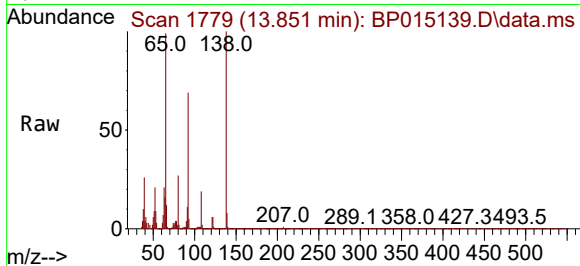




#45
2-Nitroaniline
Concen: 13.270 ng/ul
RT: 13.851 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

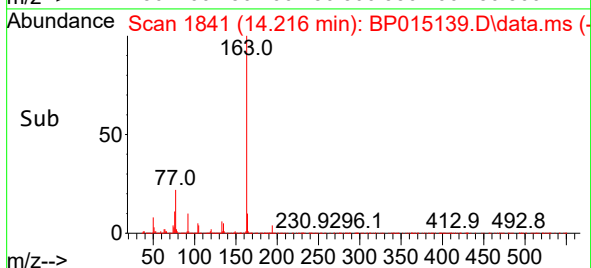
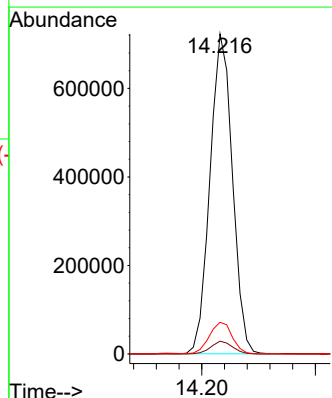
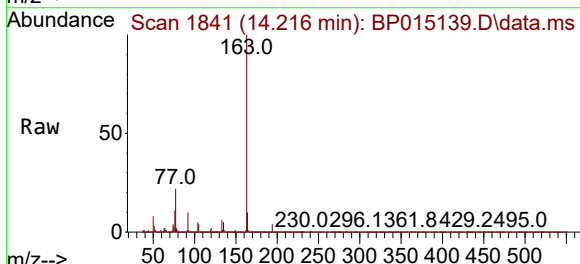
Instrument :
BNA_P
ClientSampleId :
JREG4MS

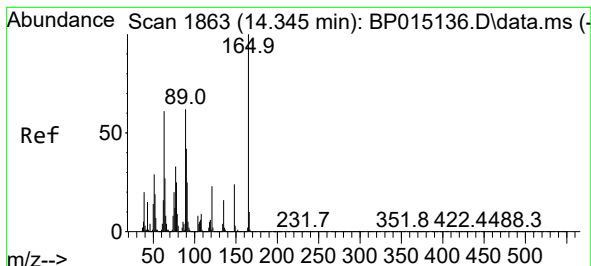
Tgt Ion: 65 Resp: 210883
Ion Ratio Lower Upper
65 100
92 69.8 59.8 89.8
138 100.7 92.3 138.5



#47
Dimethylphthalate
Concen: 13.761 ng/ul
RT: 14.216 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:163 Resp: 992701
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 8.2 12.4





#48

2,6-Dinitrotoluene

Concen: 12.456 ng/ul

RT: 14.340 min Scan# 1863

Delta R.T. -0.006 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

Instrument :

BNA_P

ClientSampleId :

JREG4MS

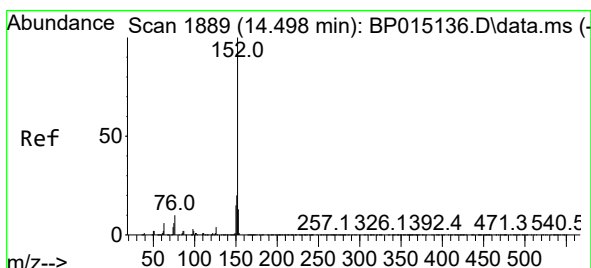
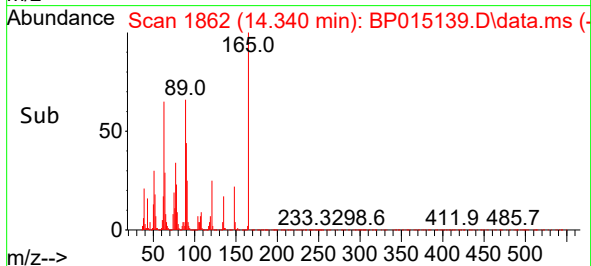
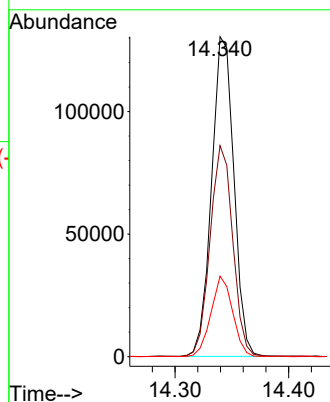
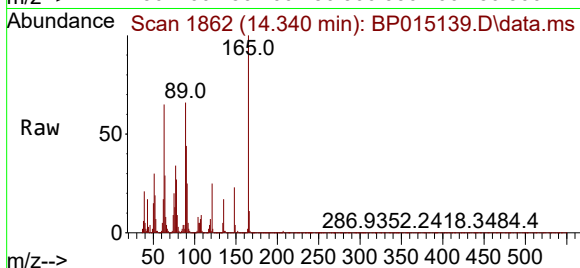
Tgt Ion:165 Resp: 178017

Ion Ratio Lower Upper

165 100

89 65.9 48.0 72.0

121 25.2 17.5 26.3



#50

Acenaphthylene

Concen: 13.140 ng/ul

RT: 14.492 min Scan# 1888

Delta R.T. 0.000 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

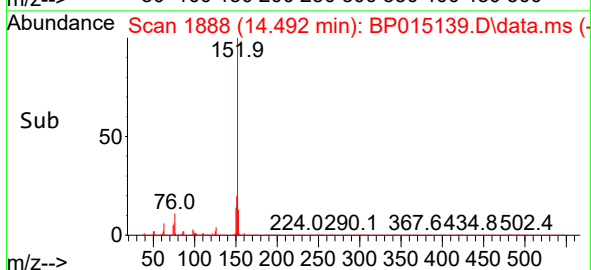
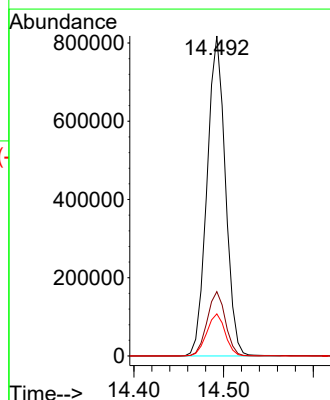
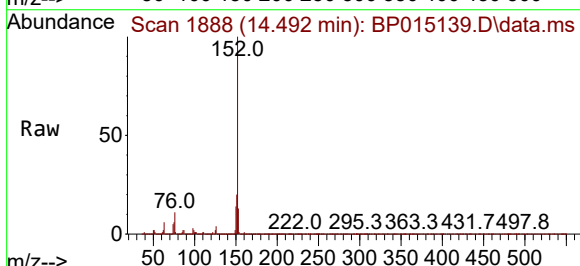
Tgt Ion:152 Resp: 1161500

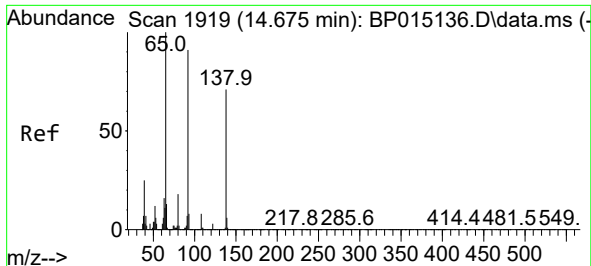
Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.1 10.3 15.5

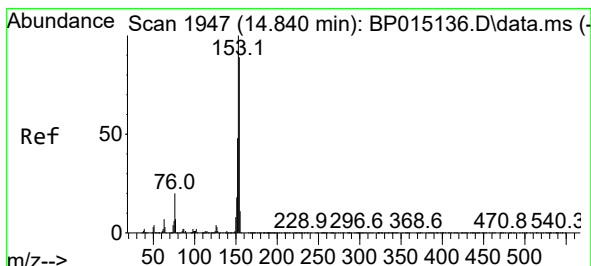
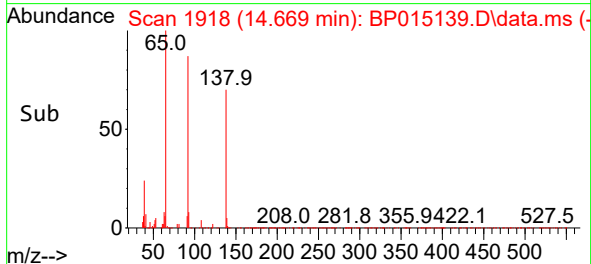
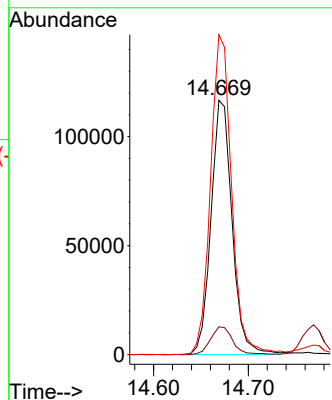
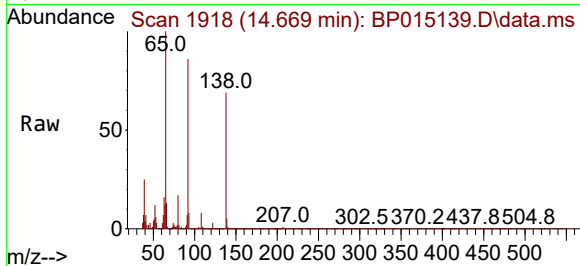




#51
3-Nitroaniline
Concen: 14.032 ng/ul
RT: 14.669 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

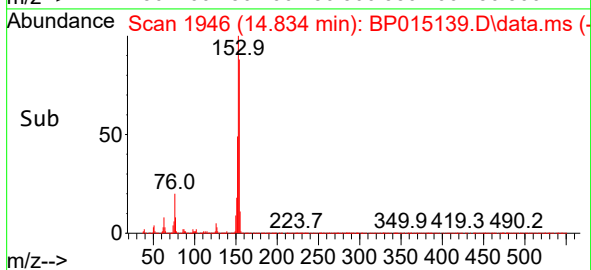
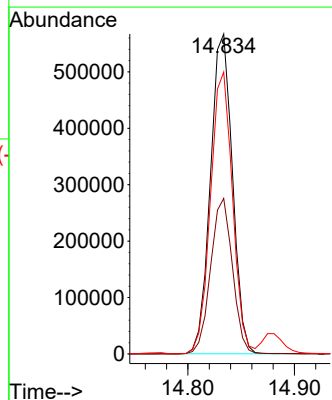
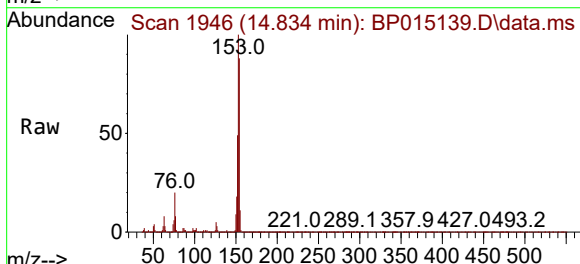
Instrument :
BNA_P
ClientSampleId :
JREG4MS

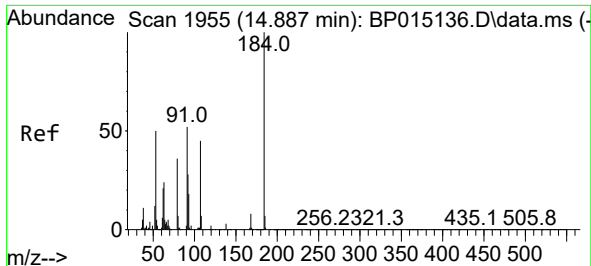
Tgt Ion:138 Resp: 180579
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 125.8 93.4 140.0



#52
Acenaphthene
Concen: 13.506 ng/ul
RT: 14.834 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:153 Resp: 815384
Ion Ratio Lower Upper
153 100
152 48.6 38.0 57.0
154 88.1 71.0 106.4

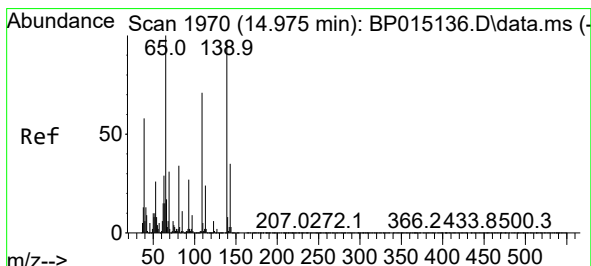
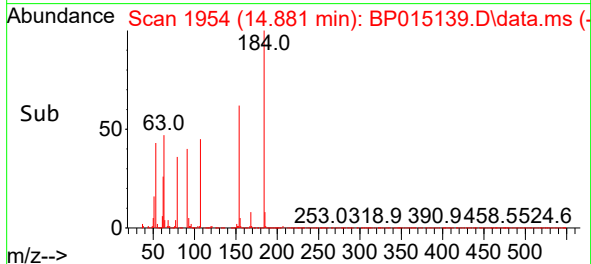
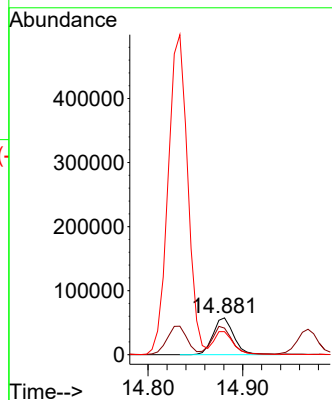
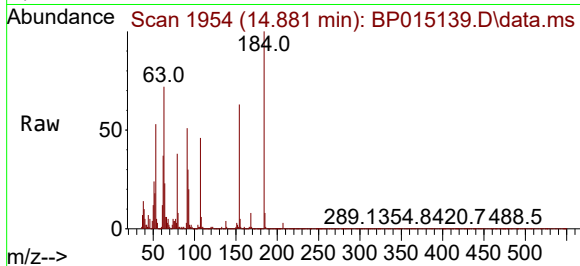




#53
2,4-Dinitrophenol
Concen: 9.237 ng/ul
RT: 14.881 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

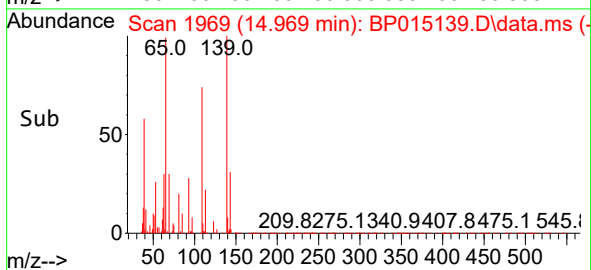
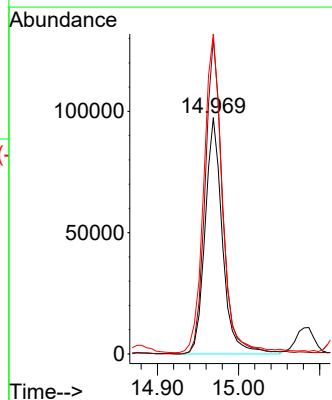
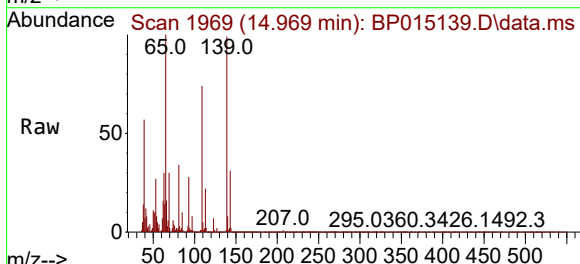
Instrument :
BNA_P
ClientSampleId :
JREG4MS

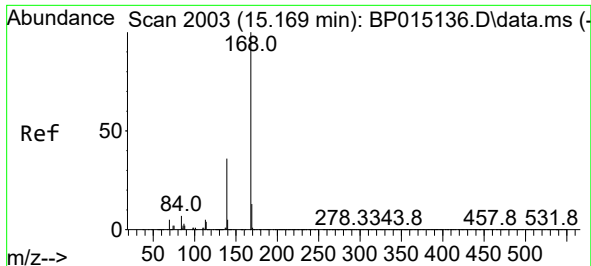
Tgt Ion:184 Resp: 87656
Ion Ratio Lower Upper
184 100
63 72.3 49.7 74.5
154 62.5 47.5 71.3



#55
4-Nitrophenol
Concen: 14.585 ng/ul
RT: 14.969 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:109 Resp: 144294
Ion Ratio Lower Upper
109 100
139 133.5 115.3 172.9
65 135.4 107.9 161.9

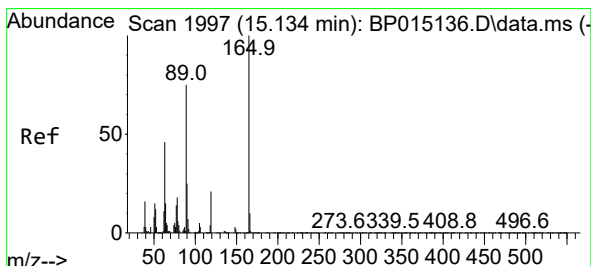
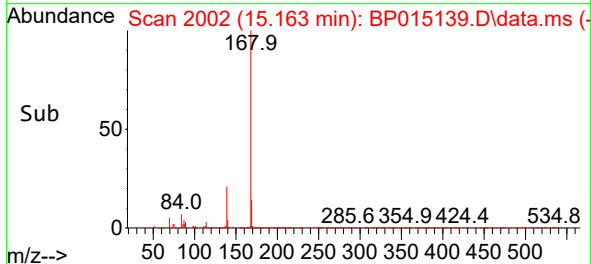
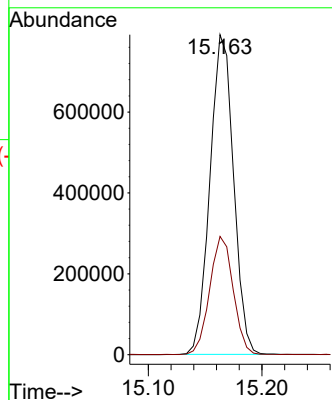
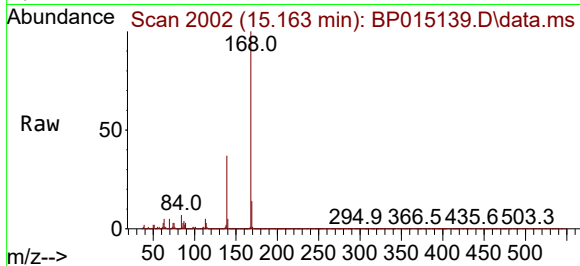




#56
Dibenzofuran
Concen: 13.567 ng/ul
RT: 15.163 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

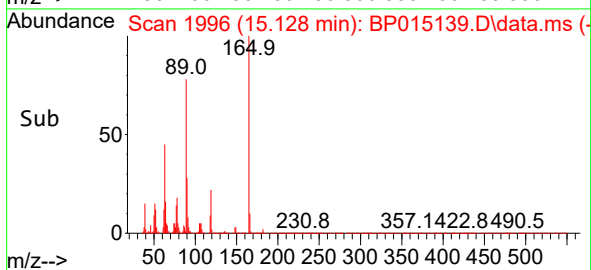
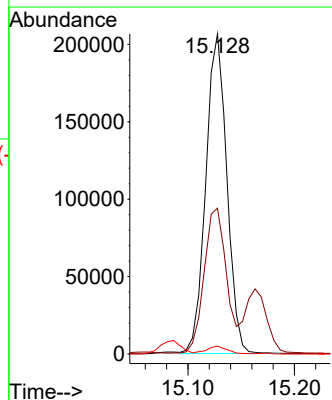
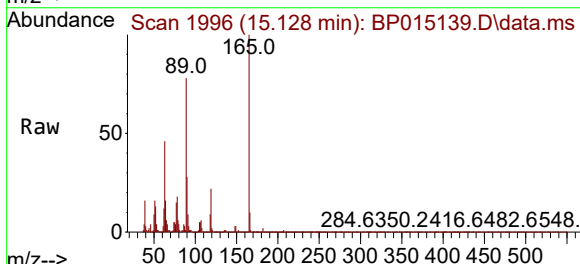
Instrument :
BNA_P
ClientSampleId :
JREG4MS

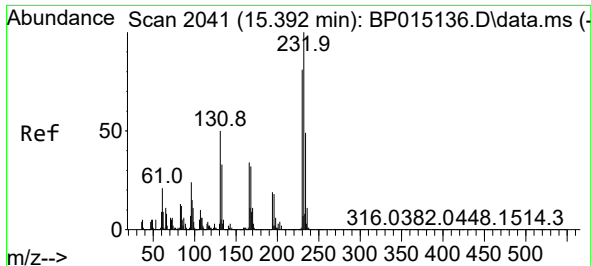
Tgt Ion:168 Resp: 1139249
Ion Ratio Lower Upper
168 100
139 37.0 29.4 44.0



#57
2,4-Dinitrotoluene
Concen: 13.736 ng/ul
RT: 15.128 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:165 Resp: 284080
Ion Ratio Lower Upper
165 100
63 45.6 33.1 49.7
182 2.4 2.1 3.1

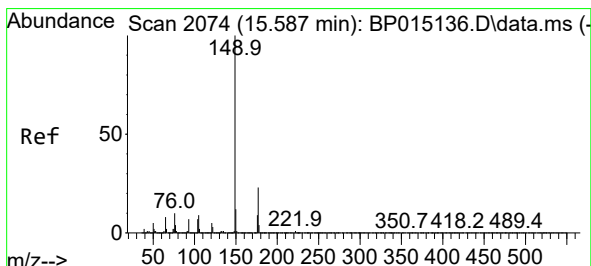
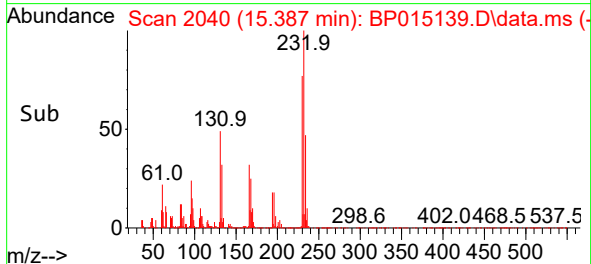
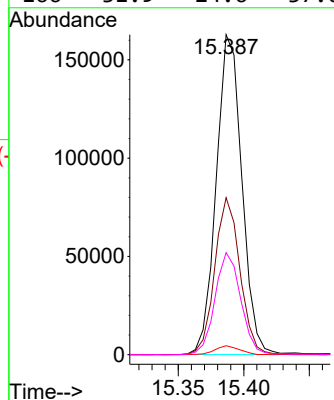
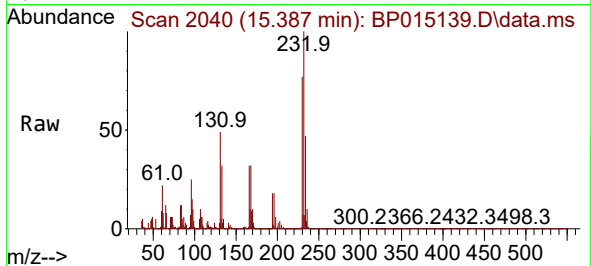




#58
2,3,4,6-Tetrachlorophenol
Concen: 12.468 ng/ul
RT: 15.387 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

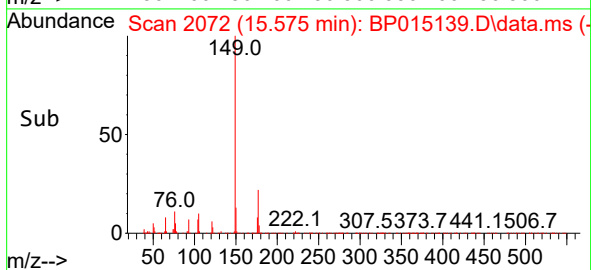
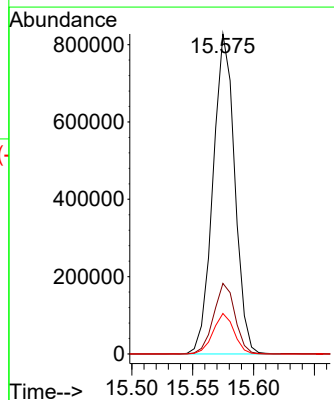
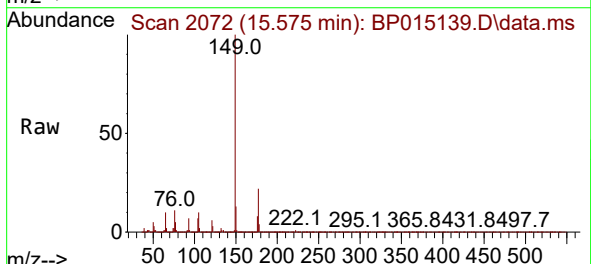
Instrument :
BNA_P
ClientSampleId :
JREG4MS

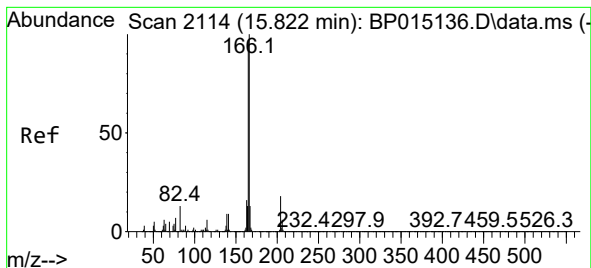
Tgt Ion:232	Resp:	220866
Ion Ratio	Lower	Upper
232	100	
131	49.0	36.8 55.2
130	2.8	1.9 2.9
166	31.9	24.6 37.0



#59
Diethylphthalate
Concen: 14.285 ng/ul
RT: 15.575 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:149	Resp:	1027796
Ion Ratio	Lower	Upper
149	100	
177	22.0	17.5 26.3
150	12.6	9.8 14.8





#61

Fluorene

Concen: 14.204 ng/ul

RT: 15.816 min Scan# 2113

Delta R.T. 0.000 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

Instrument :

BNA_P

ClientSampleId :

JREG4MS

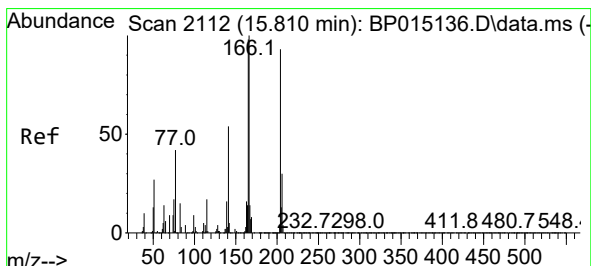
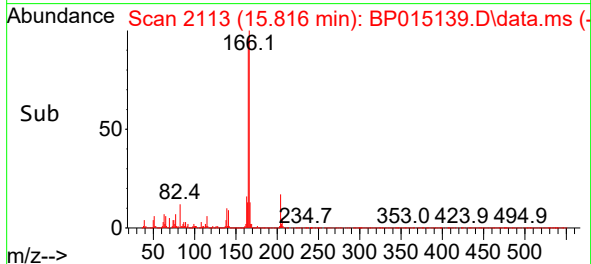
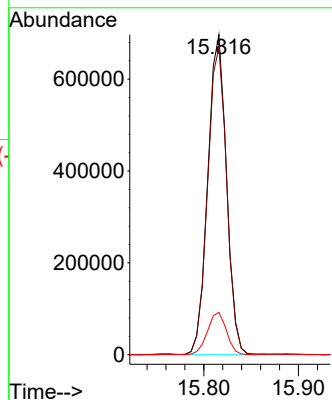
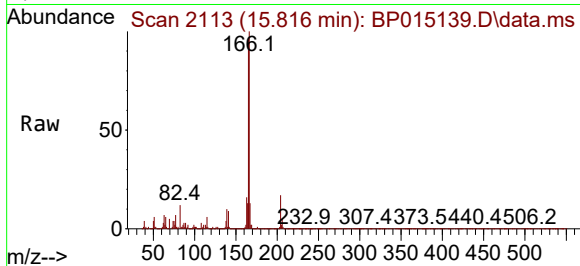
Tgt Ion:166 Resp: 958560

Ion Ratio Lower Upper

166 100

165 96.1 77.8 116.6

167 13.2 10.6 15.8



#62

4-Chlorophenyl-phenylether

Concen: 13.576 ng/ul

RT: 15.804 min Scan# 2111

Delta R.T. 0.000 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

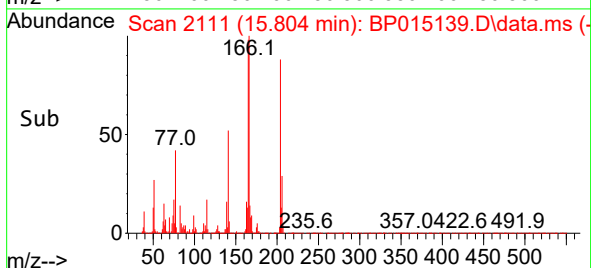
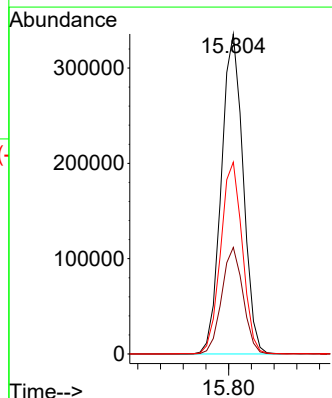
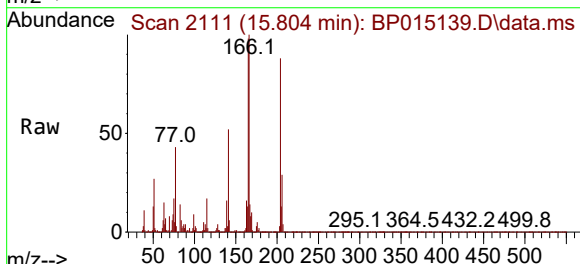
Tgt Ion:204 Resp: 447642

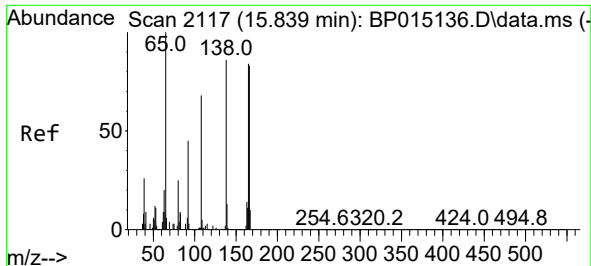
Ion Ratio Lower Upper

204 100

206 33.3 26.1 39.1

141 59.9 44.5 66.7

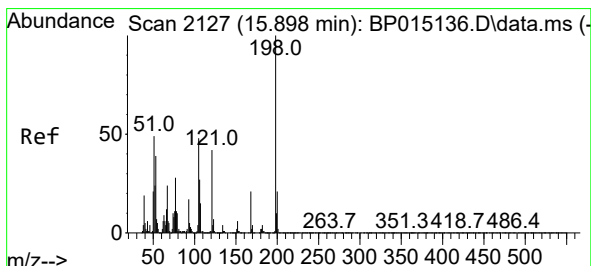
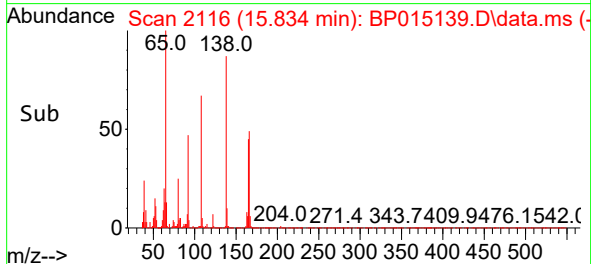
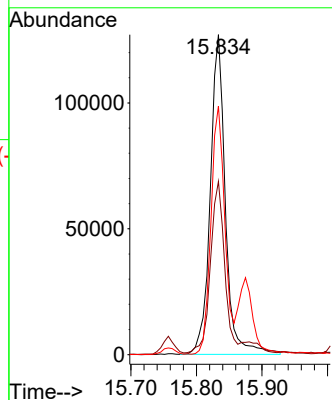
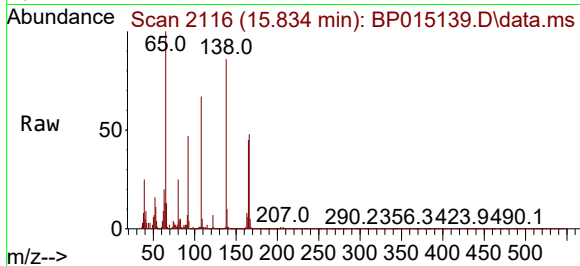




#63
4-Nitroaniline
Concen: 18.354 ng/ul
RT: 15.834 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

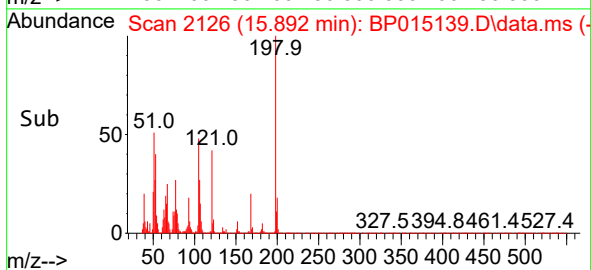
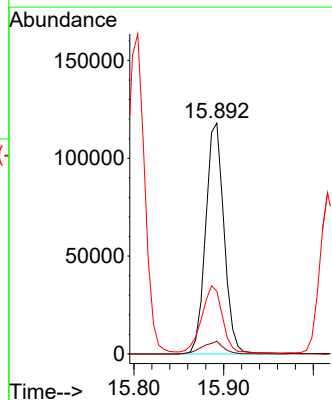
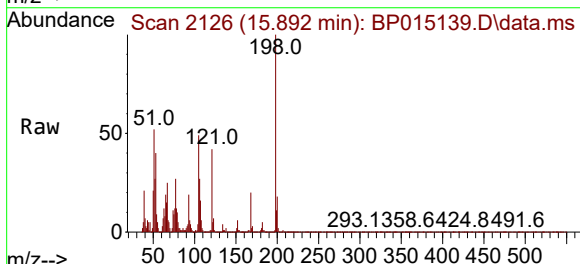
Instrument :
BNA_P
ClientSampleId :
JREG4MS

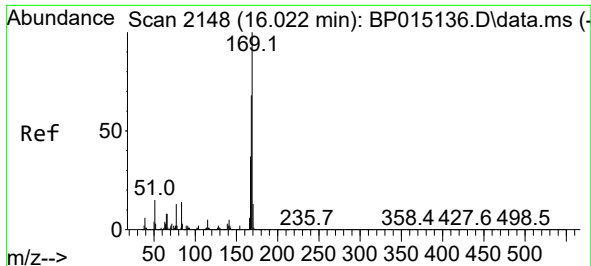
Tgt Ion:138 Resp: 203972
Ion Ratio Lower Upper
138 100
92 54.1 41.2 61.8
108 77.7 60.1 90.1



#66
4,6-Dinitro-2-methylphenol
Concen: 13.208 ng/ul
RT: 15.892 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:198 Resp: 167439
Ion Ratio Lower Upper
198 100
182 5.5 3.7 5.5
77 27.2 21.2 31.8





#67

N-Nitrosodiphenylamine

Concen: 14.146 ng/ul

RT: 16.016 min Scan# 2148

Delta R.T. -0.006 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

Instrument :

BNA_P

ClientSampleId :

JREG4MS

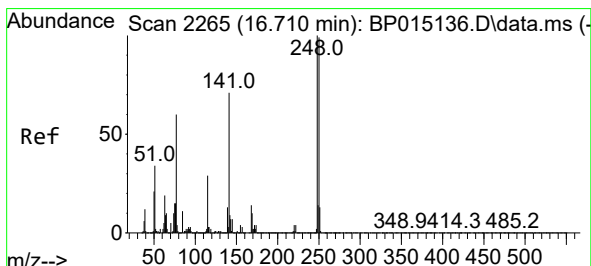
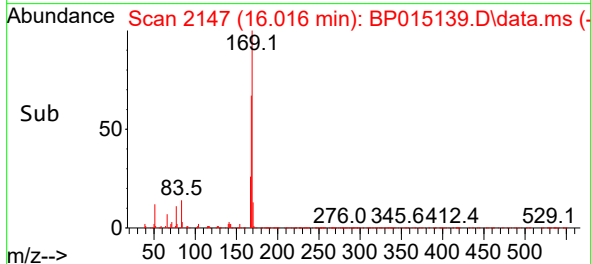
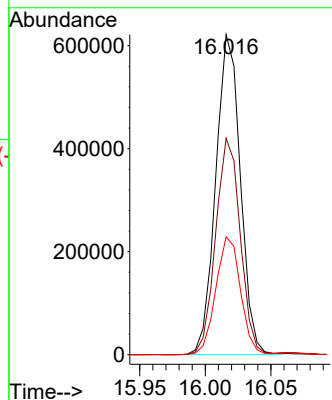
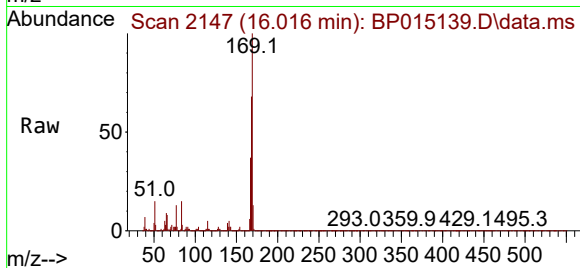
Tgt Ion:169 Resp: 810720

Ion Ratio Lower Upper

169 100

168 67.6 53.5 80.3

167 36.8 28.9 43.3



#68

4-Bromophenyl-phenylether

Concen: 14.136 ng/ul

RT: 16.698 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

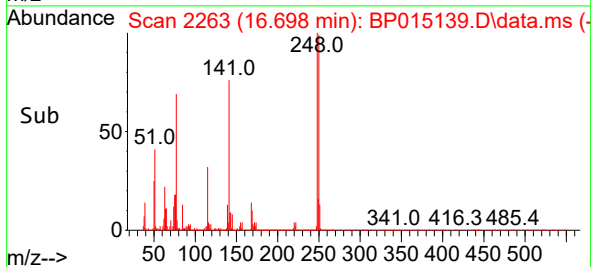
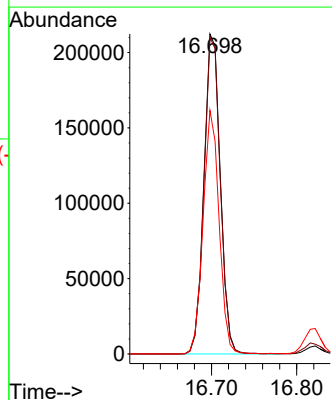
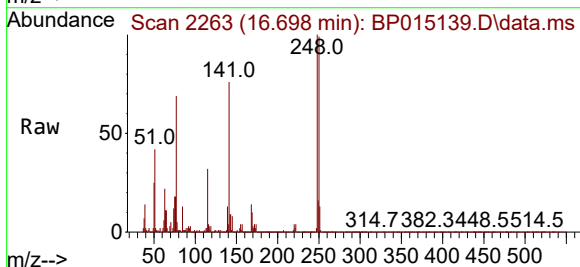
Tgt Ion:248 Resp: 283795

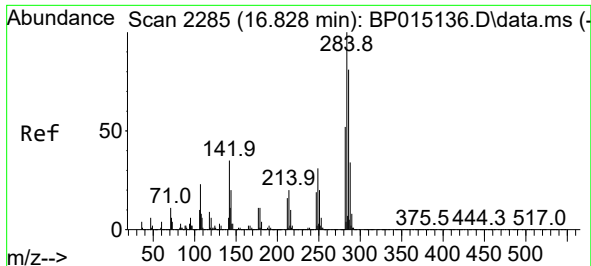
Ion Ratio Lower Upper

248 100

250 98.9 79.0 118.4

141 76.1 58.6 87.8

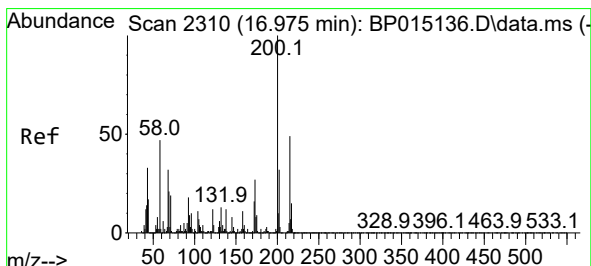
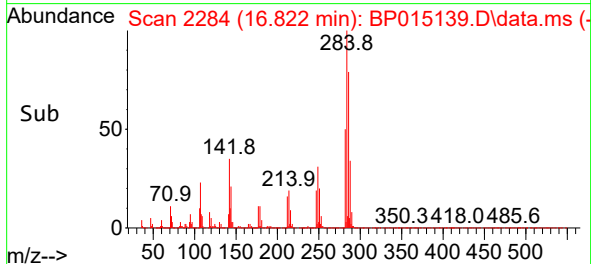
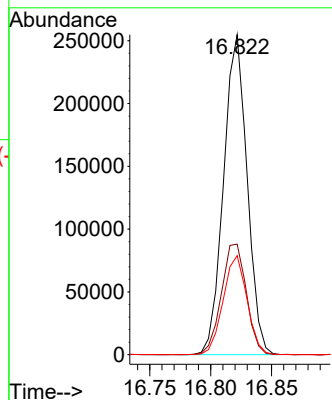
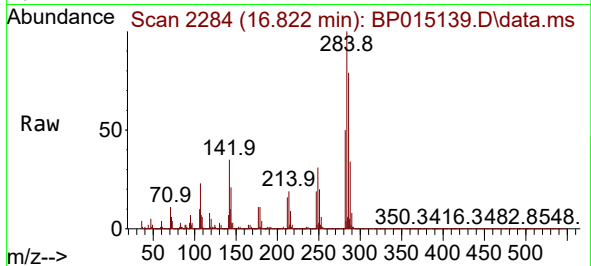




#69
Hexachlorobenzene
Concen: 14.433 ng/ul
RT: 16.822 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

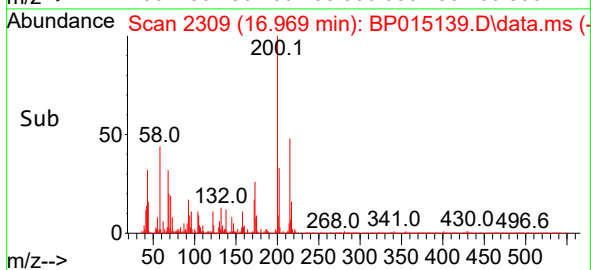
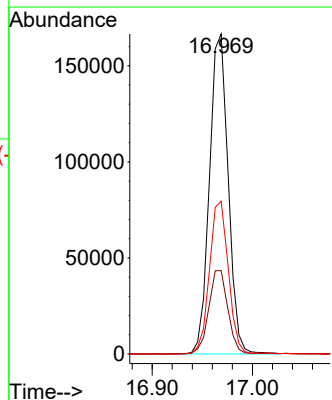
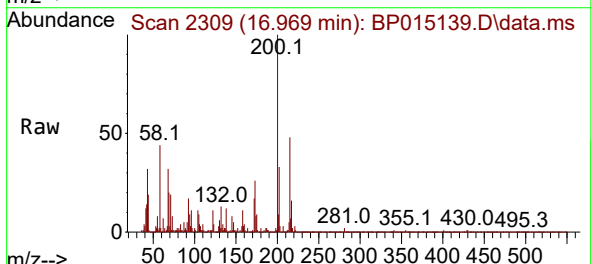
Instrument :
BNA_P
ClientSampleId :
JREG4MS

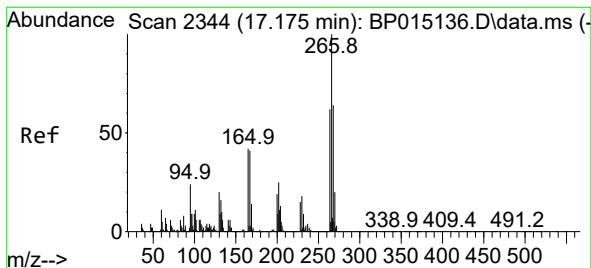
Tgt Ion:284 Resp: 342420
Ion Ratio Lower Upper
284 100
142 34.6 27.3 40.9
249 31.0 24.6 36.8



#70
Atrazine
Concen: 10.207 ng/ul
RT: 16.969 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:200 Resp: 216218
Ion Ratio Lower Upper
200 100
173 26.1 21.4 32.2
215 47.8 38.1 57.1





#71

Pentachlorophenol

Concen: 11.102 ng/ul

RT: 17.163 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

Instrument :

BNA_P

ClientSampleId :

JREG4MS

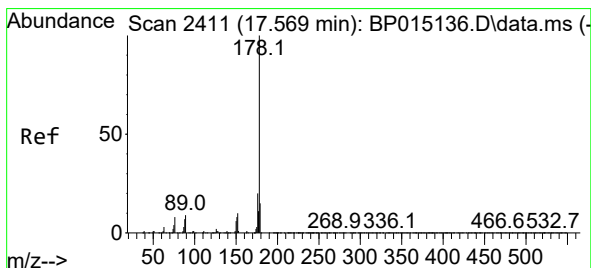
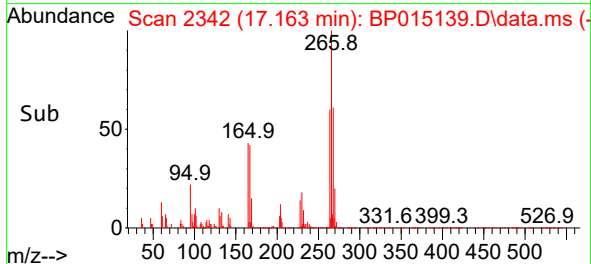
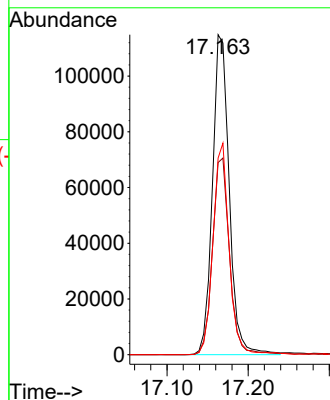
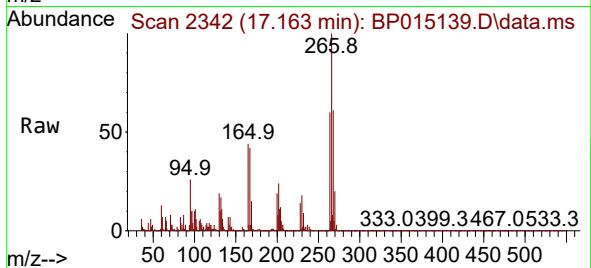
Tgt Ion:266 Resp: 164756

Ion Ratio Lower Upper

266 100

264 60.1 51.0 76.4

268 61.4 51.8 77.6



#72

Phenanthrene

Concen: 15.042 ng/ul

RT: 17.563 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

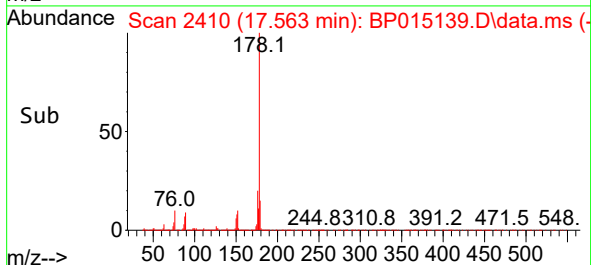
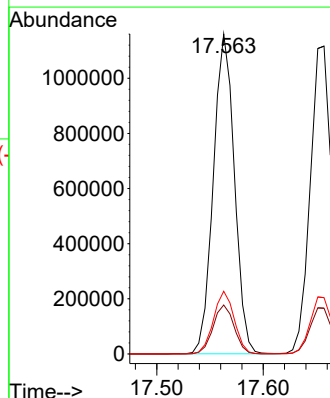
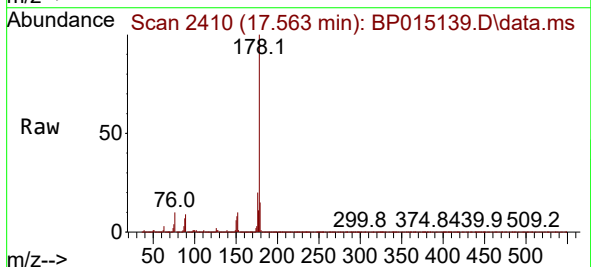
Tgt Ion:178 Resp: 1596461

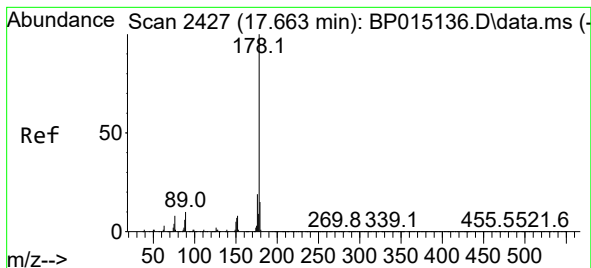
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.6 15.6 23.4





#74

Anthracene

Concen: 14.797 ng/uI

RT: 17.657 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

Instrument :

BNA_P

ClientSampleId :

JREG4MS

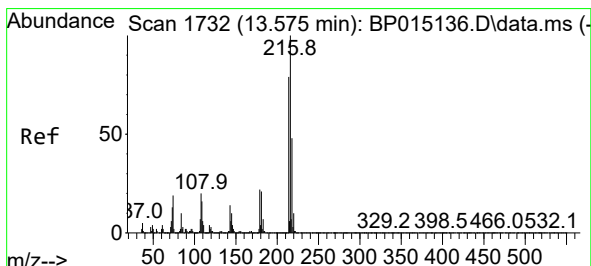
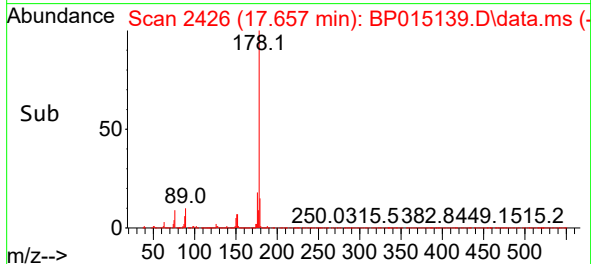
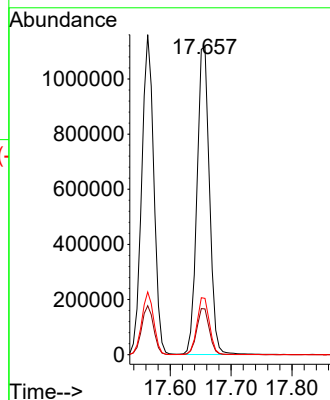
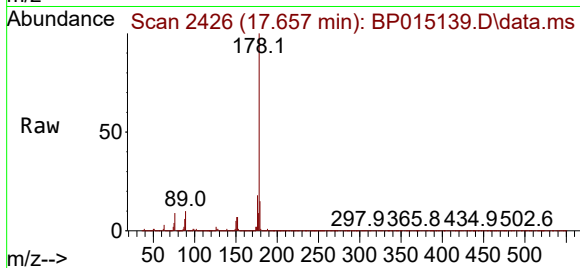
Tgt Ion:178 Resp: 1588152

Ion Ratio Lower Upper

178 100

179 14.8 12.2 18.2

176 18.3 15.2 22.8



#75

1,2,3,4-Tetrachlorobenzene

Concen: 12.602 ng/uI

RT: 13.575 min Scan# 1732

Delta R.T. 0.000 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

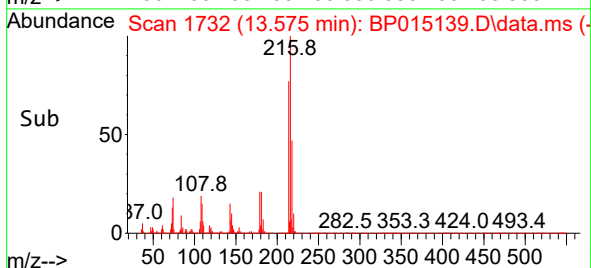
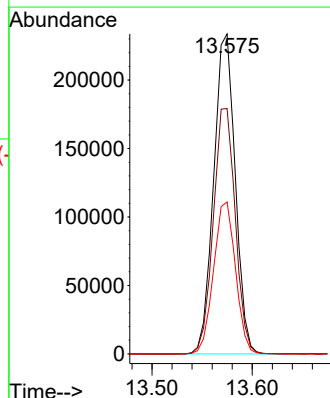
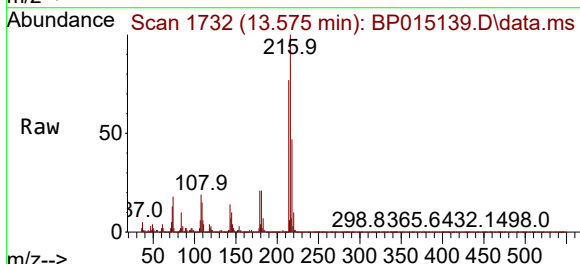
Tgt Ion:216 Resp: 348259

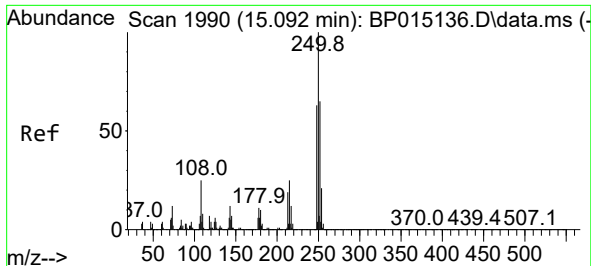
Ion Ratio Lower Upper

216 100

214 76.7 62.2 93.4

218 47.5 38.2 57.2

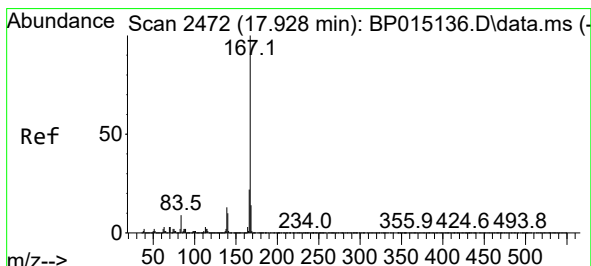
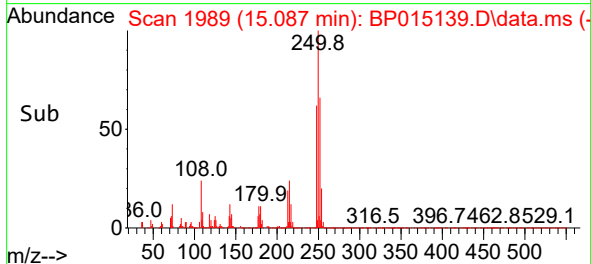
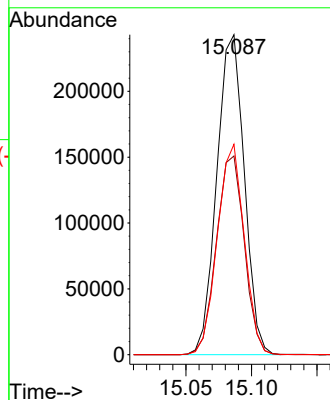
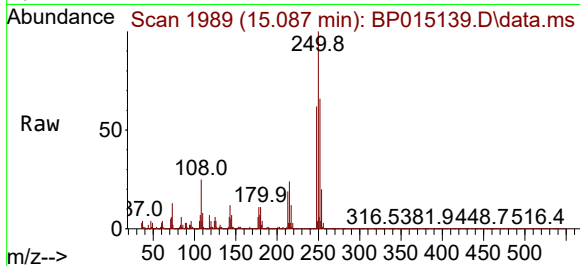




#76
Pentachlorobenzene
Concen: 12.771 ng/uL
RT: 15.087 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

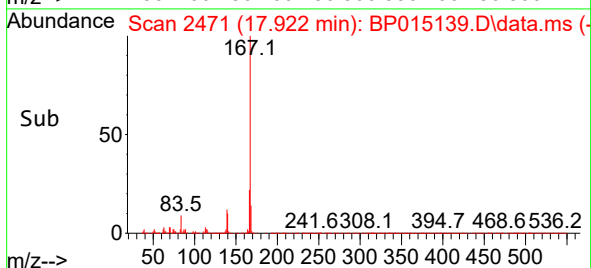
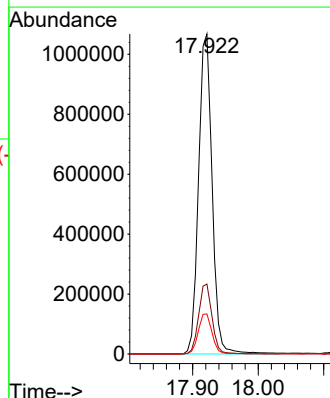
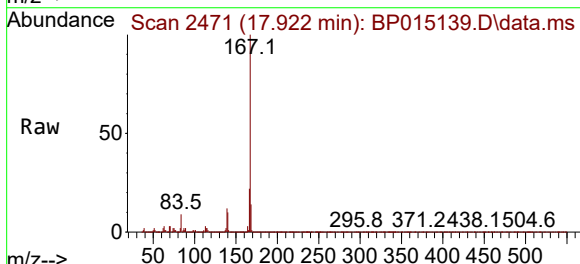
Instrument :
BNA_P
ClientSampleId :
JREG4MS

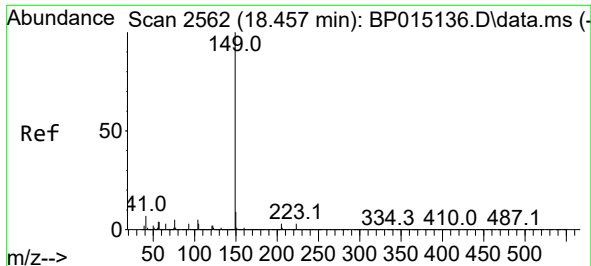
Tgt Ion:250 Resp: 354358
Ion Ratio Lower Upper
250 100
248 62.1 49.8 74.6
252 65.8 51.6 77.4



#77
Carbazole
Concen: 16.345 ng/uL
RT: 17.922 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:167 Resp: 1538267
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 12.5 10.2 15.4

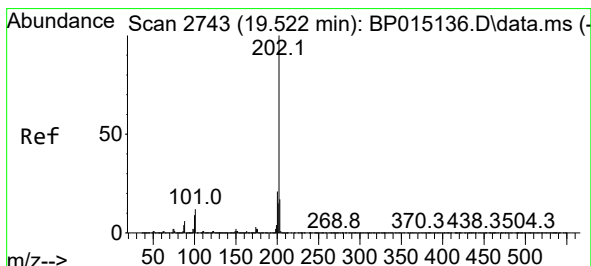
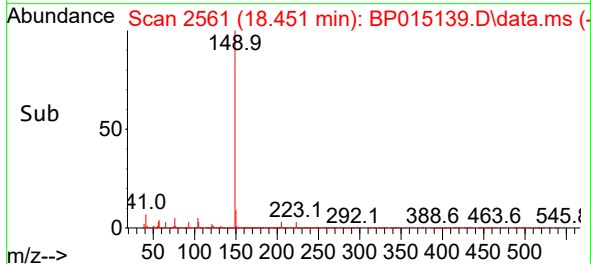
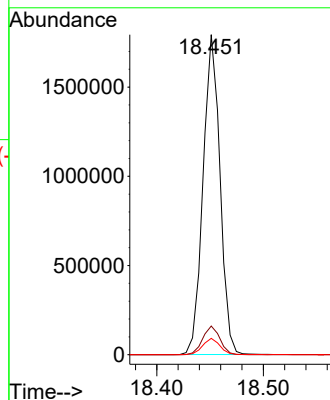
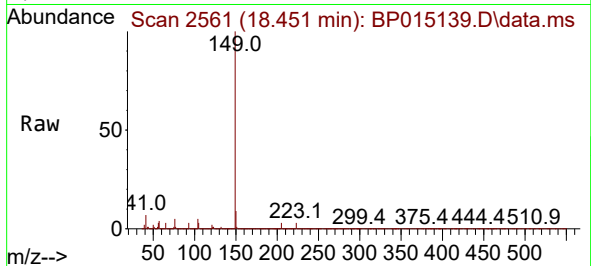




#78
Di-n-butylphthalate
Concen: 16.377 ng/ul
RT: 18.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

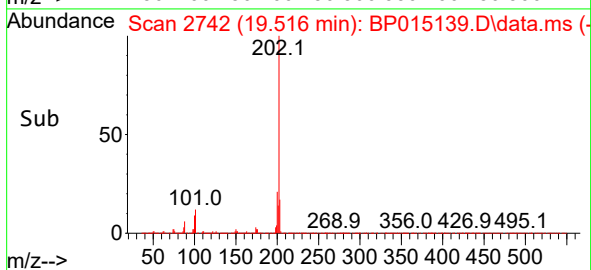
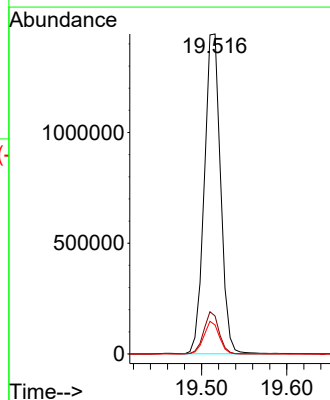
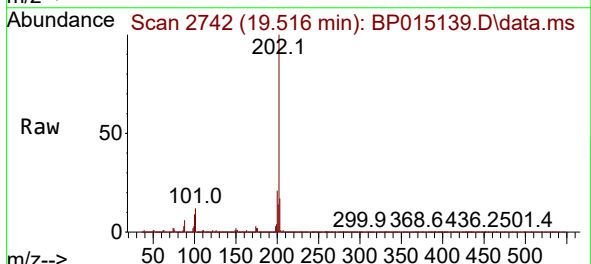
Instrument :
BNA_P
ClientSampleId :
JREG4MS

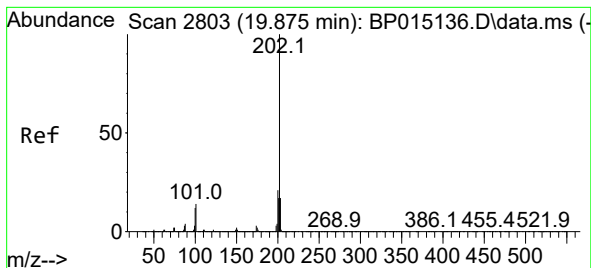
Tgt Ion:149 Resp: 1984797
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 5.1 3.9 5.9



#80
Fluoranthene
Concen: 17.116 ng/ul
RT: 19.516 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:202 Resp: 1910712
Ion Ratio Lower Upper
202 100
101 11.8 9.5 14.3
100 9.1 7.3 10.9





#82

Pyrene

Concen: 17.444 ng/ul

RT: 19.869 min Scan# 2802

Delta R.T. 0.000 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

Instrument :

BNA_P

ClientSampleId :

JREG4MS

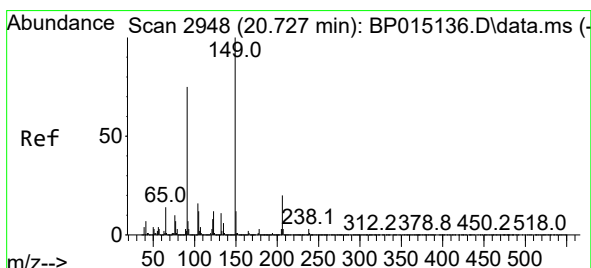
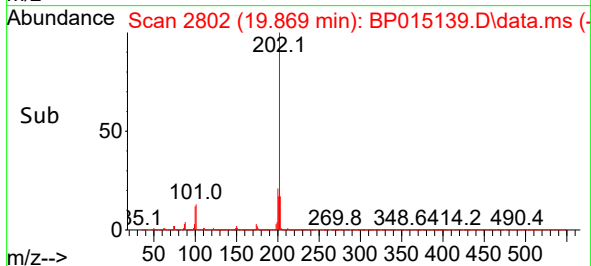
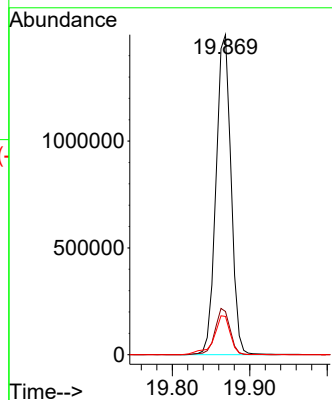
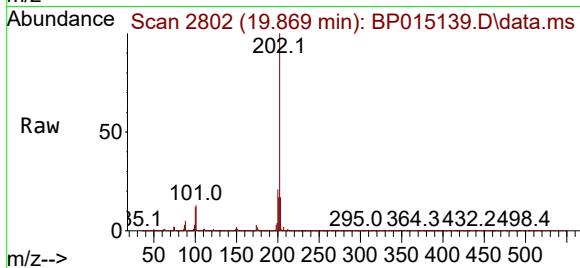
Tgt Ion:202 Resp: 2011052

Ion Ratio Lower Upper

202 100

101 13.5 11.2 16.8

100 11.9 9.0 13.6



#83

Butylbenzylphthalate

Concen: 15.558 ng/ul

RT: 20.722 min Scan# 2947

Delta R.T. 0.000 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

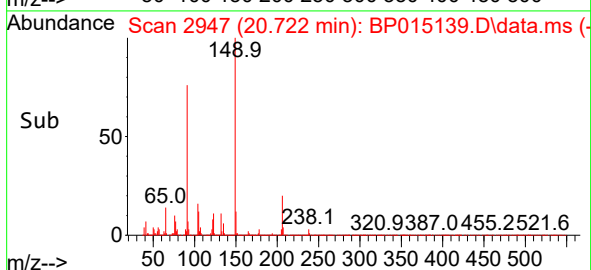
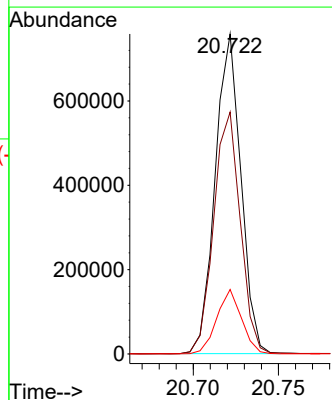
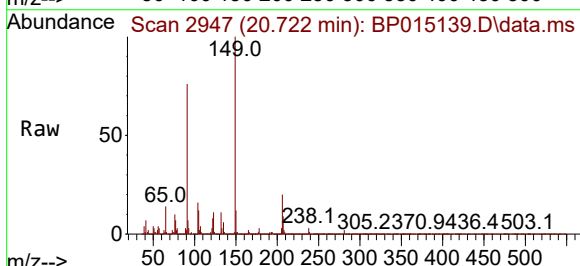
Tgt Ion:149 Resp: 795129

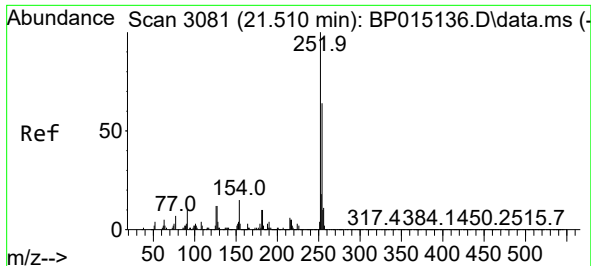
Ion Ratio Lower Upper

149 100

91 75.6 57.4 86.2

206 20.1 16.6 25.0

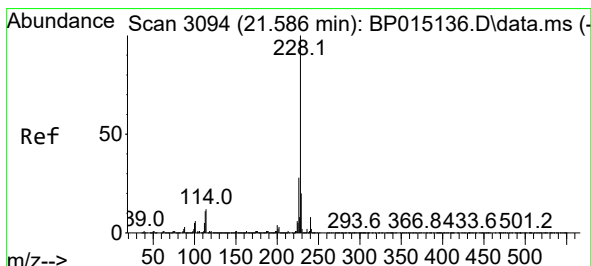
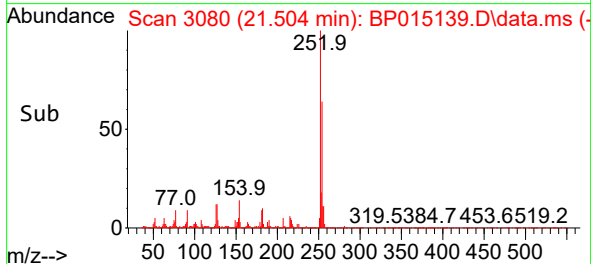
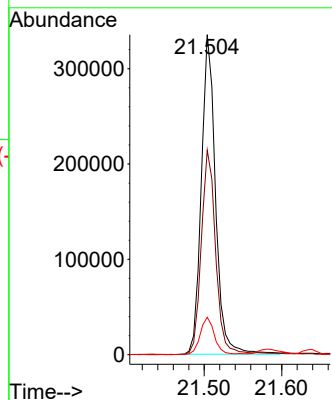
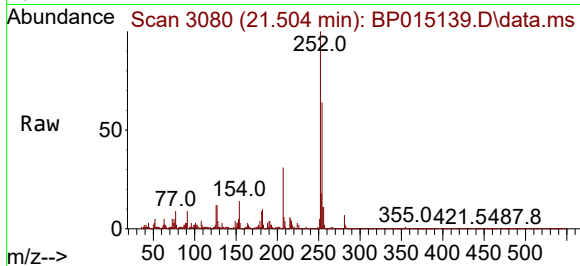




#84
3,3'-Dichlorobenzidine
Concen: 12.314 ng/ul
RT: 21.504 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

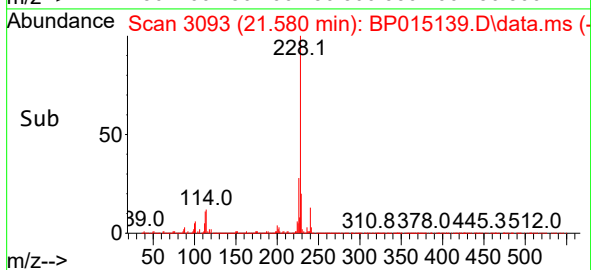
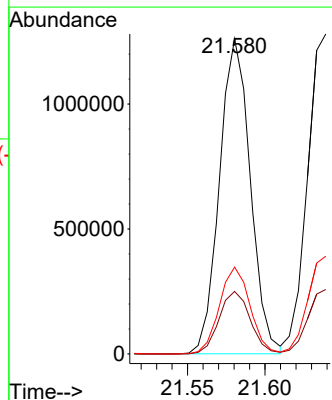
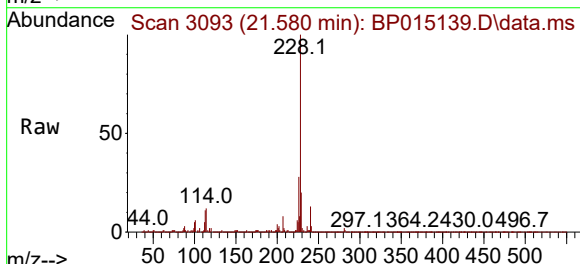
Instrument :
BNA_P
ClientSampleId :
JREG4MS

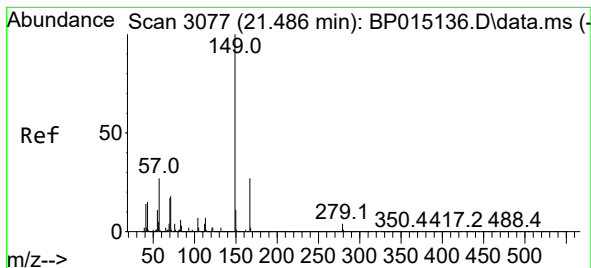
Tgt Ion:252 Resp: 427112
Ion Ratio Lower Upper
252 100
254 64.0 50.8 76.2
126 11.7 9.8 14.8



#85
Benzo(a)anthracene
Concen: 15.980 ng/ul
RT: 21.580 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:228 Resp: 1744945
Ion Ratio Lower Upper
228 100
229 19.9 16.1 24.1
226 27.5 21.9 32.9

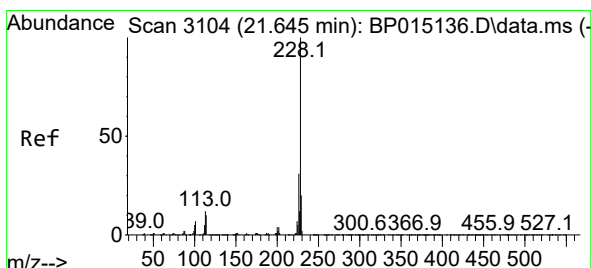
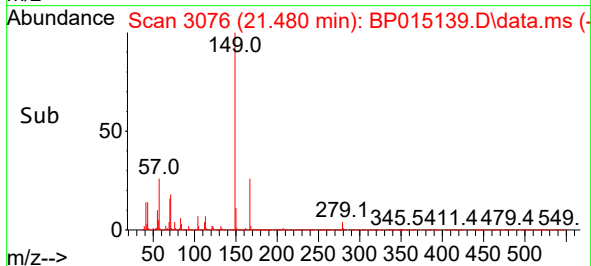
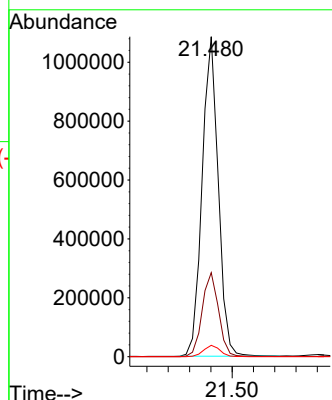
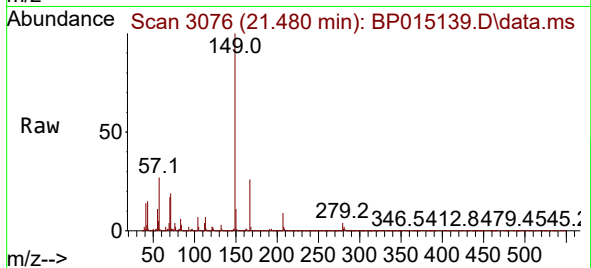




#86
Bis(2-ethylhexyl)phthalate
Concen: 15.530 ng/ul
RT: 21.480 min Scan# 3077
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

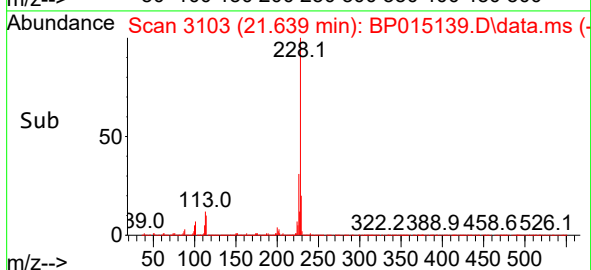
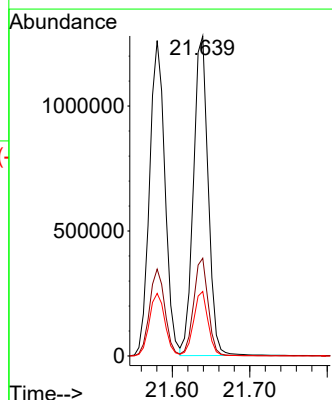
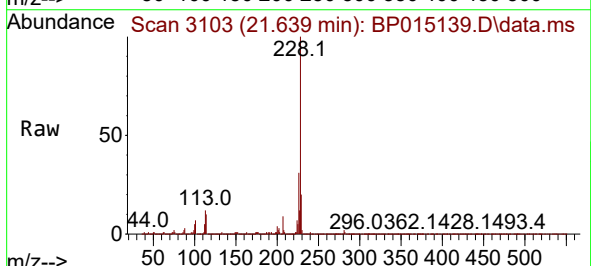
Instrument :
BNA_P
ClientSampleId :
JREG4MS

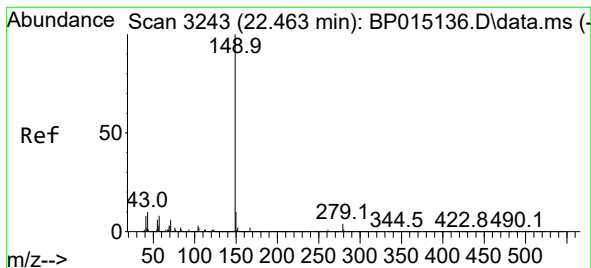
Tgt Ion:149 Resp: 1142687
Ion Ratio Lower Upper
149 100
167 26.3 21.8 32.6
279 3.6 3.2 4.8



#87
Chrysene
Concen: 16.139 ng/ul
RT: 21.639 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP015139.D
Acq: 18 May 2023 11:40

Tgt Ion:228 Resp: 1684673
Ion Ratio Lower Upper
228 100
226 30.5 25.0 37.6
229 20.1 16.1 24.1





#89

Di-n-octyl phthalate

Concen: 18.290 ng/ul

RT: 22.457 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

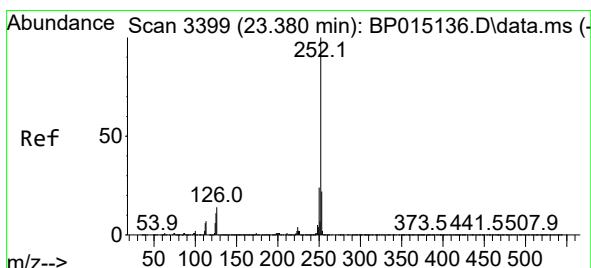
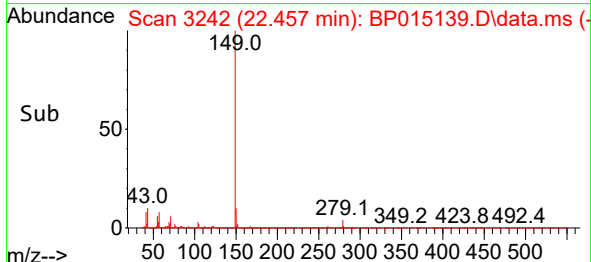
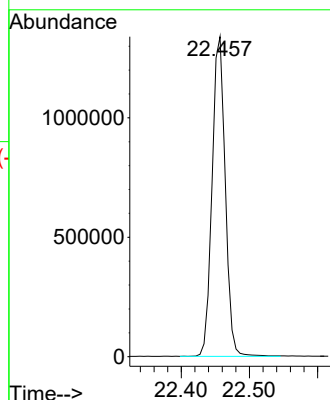
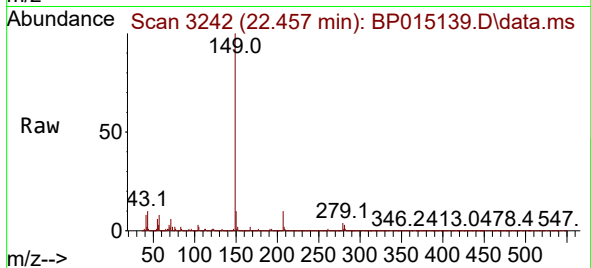
Instrument :

BNA_P

ClientSampleId :

JREG4MS

Tgt Ion:149 Resp: 1800579



#90

Benzo(b)fluoranthene

Concen: 16.756 ng/ul

RT: 23.368 min Scan# 3397

Delta R.T. -0.006 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

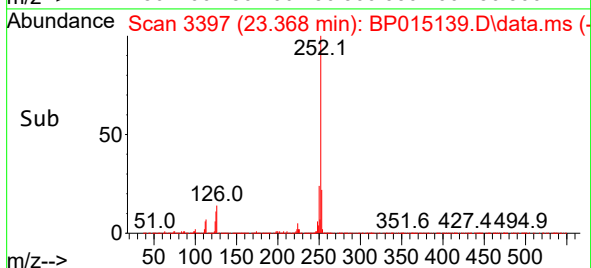
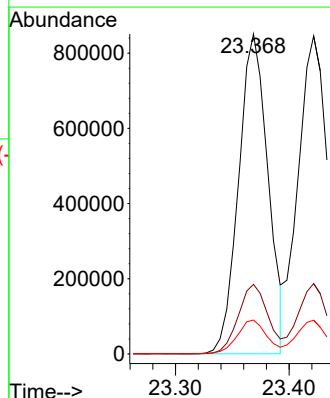
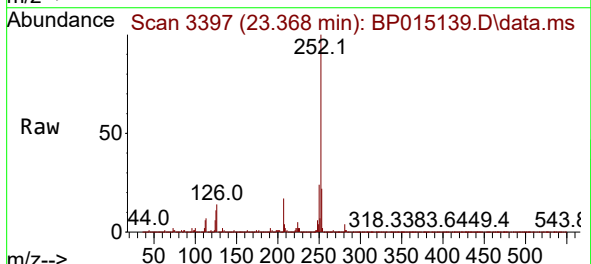
Tgt Ion:252 Resp: 1526901

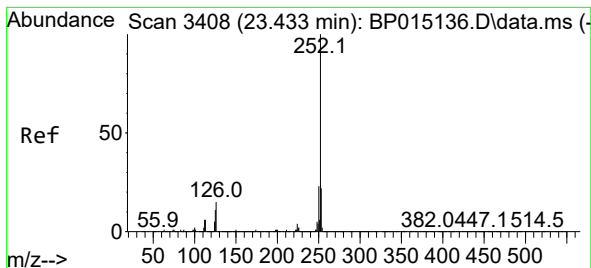
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 10.6 8.3 12.5





#91

Benzo(k)fluoranthene

Concen: 17.917 ng/ul

RT: 23.421 min Scan# 3408

Delta R.T. -0.006 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

Instrument :

BNA_P

ClientSampleId :

JREG4MS

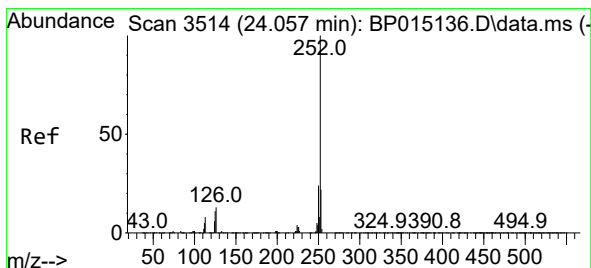
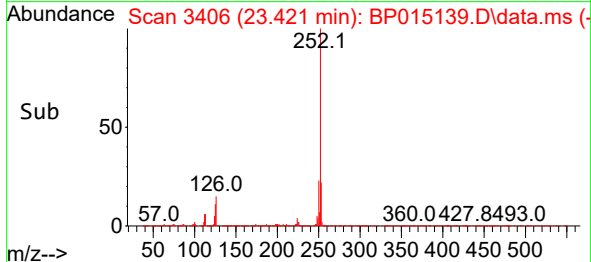
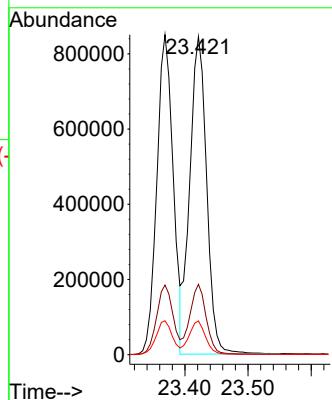
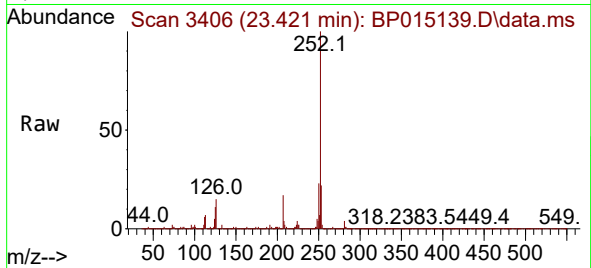
Tgt Ion:252 Resp: 1567782

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.6 8.5 12.7



#93

Benzo(a)pyrene

Concen: 15.952 ng/ul

RT: 24.045 min Scan# 3512

Delta R.T. -0.006 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

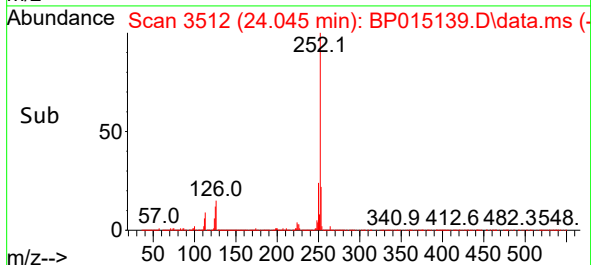
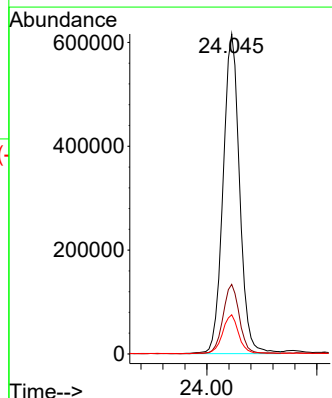
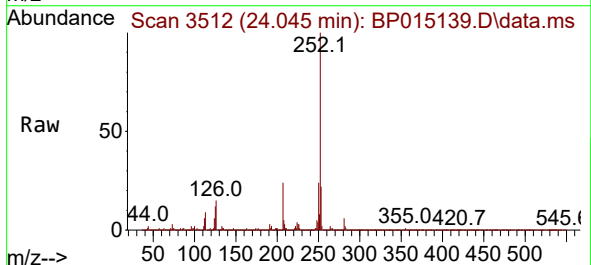
Tgt Ion:252 Resp: 1284876

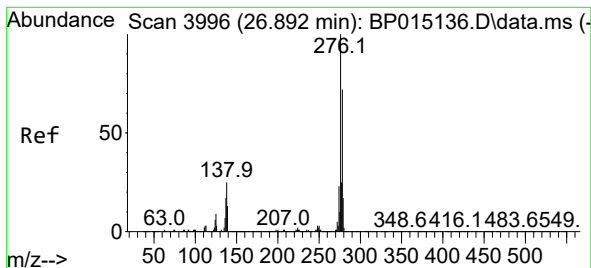
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 12.2 9.1 13.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 14.238 ng/ul

RT: 26.868 min Scan# 3996

Delta R.T. -0.018 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

Instrument :

BNA_P

ClientSampleId :

JREG4MS

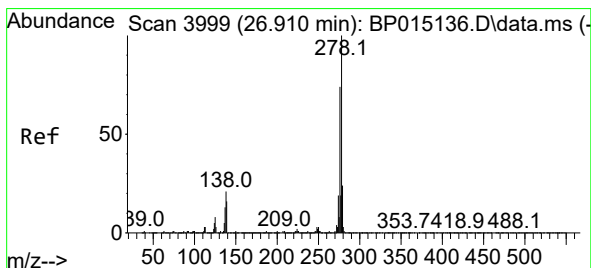
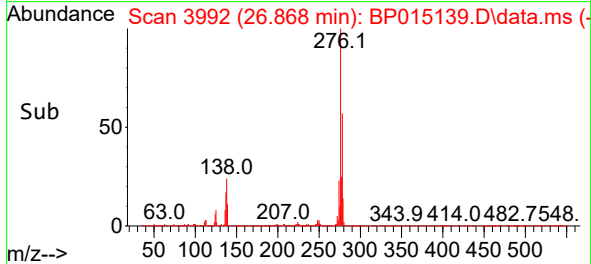
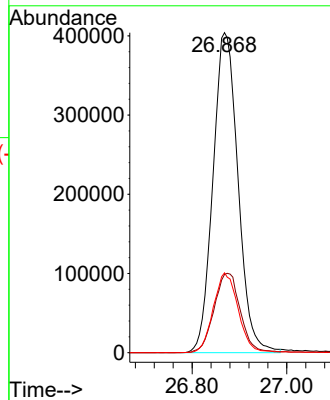
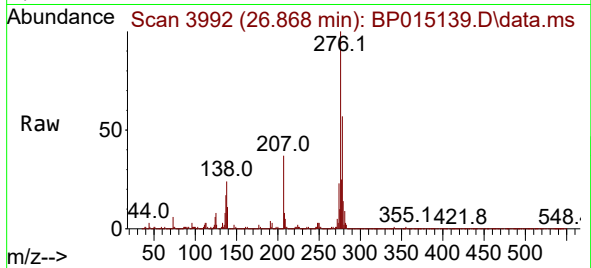
Tgt Ion:276 Resp: 1484909

Ion Ratio Lower Upper

276 100

138 24.5 20.1 30.1

277 25.0 19.8 29.8



#95

Dibenzo(a,h)anthracene

Concen: 14.475 ng/ul

RT: 26.886 min Scan# 3995

Delta R.T. -0.018 min

Lab File: BP015139.D

Acq: 18 May 2023 11:40

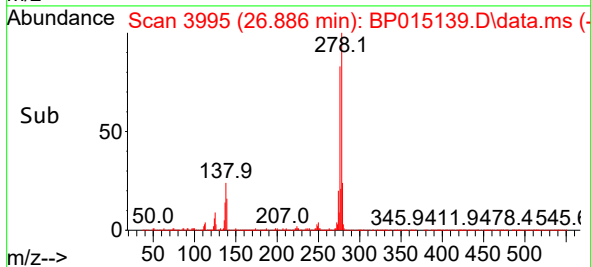
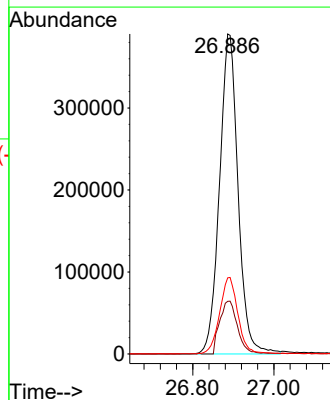
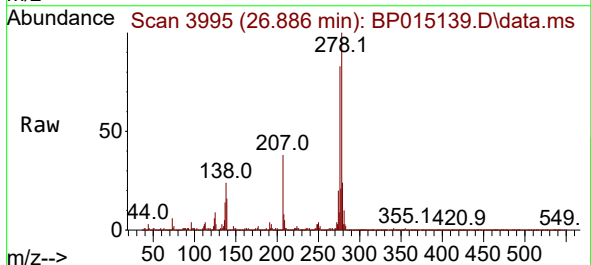
Tgt Ion:278 Resp: 1239210

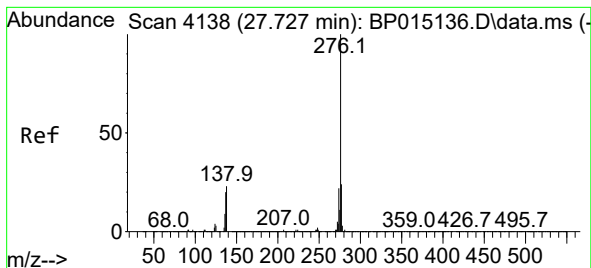
Ion Ratio Lower Upper

278 100

139 16.5 13.3 19.9

279 23.8 19.1 28.7





#96

Benzo(g,h,i)perylene

Concen: 13.128 ng/ul

RT: 27.704 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP015139.D

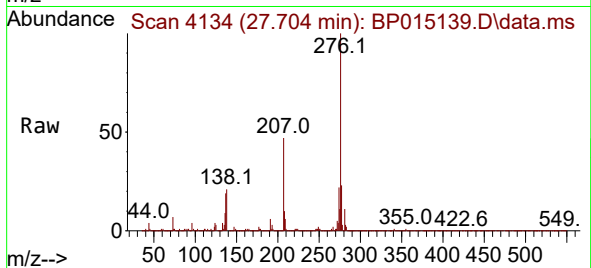
Acq: 18 May 2023 11:40

Instrument :

BNA_P

ClientSampleId :

JREG4MS



Tgt Ion:276 Resp: 1116505

Ion Ratio Lower Upper

276 100

138 21.5 17.7 26.5

277 23.1 18.8 28.2

