

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP051923.D
 Acq On : 19 May 2023 20:24
 Operator : CG/JU
 Sample : 02689-07MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREM0MS

Quant Time: May 19 22:14:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	236971	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1020883	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	635852	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.522	188	1318472	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	797400	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	929677	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	27108	4.445	ng/uL	0.00
4) Pyridine-d5	3.875	84	298053	17.240	ng/u1	0.00
7) Phenol-d5	7.281	99	720449	32.744	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	436951	34.386	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	581256	35.930	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	579477	33.052	ng/u1	0.00
21) Nitrobenzene-d5	9.305	128	308556	38.464	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	345279	38.682	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	624692	38.784	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	720232	30.222	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	1935851	40.290	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	2197507	39.989	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	287181	30.780	ng/u1	0.00
60) Fluorene-d10	15.757	176	1627200	40.134	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	249170	29.988	ng/u1	0.00
73) Anthracene-d10	17.616	188	2285302	37.853	ng/u1	0.00
81) Pyrene-d10	19.839	212	2256943	48.801	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	1859224	40.286	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	66554	10.155	ng/uL	98
5) Pyridine	3.893	79	376026	20.913	ng/u1	99
6) Benzaldehyde	7.258	77	352239	58.245	ng/u1	98
8) Phenol	7.311	94	719200	31.877	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.540	93	543857	30.129	ng/u1	98
12) 2-Chlorophenol	7.687	128	537500	31.412	ng/u1	98
13) 2-Methylphenol	8.575	108	498174	28.570	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.658	45	682330	30.171	ng/u1	100
16) Acetophenone	8.963	105	879842	32.154	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.946	70	441744	30.782	ng/u1	97
18) 4-Methylphenol	8.910	108	584915	30.476	ng/u1	99
19) Hexachloroethane	9.222	117	222805	31.890	ng/u1	87
22) Nitrobenzene	9.346	77	665049	33.567	ng/u1	99
23) Isophorone	9.881	82	1307070	32.096	ng/u1	99
25) 2-Nitrophenol	10.063	139	330926	33.809	ng/u1	95
26) 2,4-Dimethylphenol	10.116	107	280510	14.361	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.357	93	773756	31.227	ng/u1	99
29) 2,4-Dichlorophenol	10.605	162	559058	34.362	ng/u1	100
30) Naphthalene	11.010	128	1821395	32.817	ng/u1	100
32) 4-Chloroaniline	11.122	127	583710	23.831	ng/u1	99
33) Hexachlorobutadiene	11.287	225	369791	37.712	ng/u1	98
34) Caprolactam	11.904	113	142444	23.223	ng/u1	96
35) 4-Chloro-3-methylphenol	12.234	107	618933	33.691	ng/u1	98
36) 2-Methylnaphthalene	12.604	142	1242054	33.213	ng/u1	99

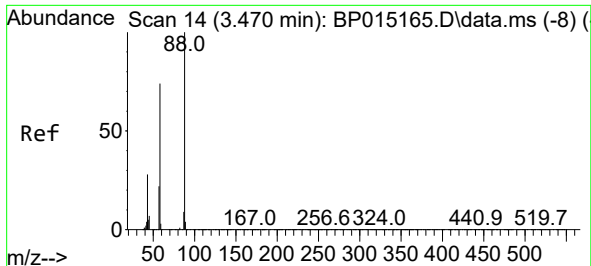
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.822	142	1270716	33.837	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.969	216	709332	37.300	ng/ul	98
40) Hexachlorocyclopentadiene	12.946	237	264328	21.453	ng/ul	99
41) 2,4,6-Trichlorophenol	13.210	196	472745	35.205	ng/ul	97
42) 2,4,5-Trichlorophenol	13.281	196	527023	36.197	ng/ul	98
43) 1,1'-Biphenyl	13.604	154	1706899	34.599	ng/ul	99
44) 2-Chloronaphthalene	13.651	162	1349254	35.021	ng/ul	99
45) 2-Nitroaniline	13.851	65	400445	36.326	ng/ul	94
47) Dimethylphthalate	14.216	163	1704350	34.060	ng/ul	100
48) 2,6-Dinitrotoluene	14.345	165	365602	36.879	ng/ul	97
50) Acenaphthylene	14.493	152	2067883	33.725	ng/ul	100
51) 3-Nitroaniline	14.675	138	342140	38.327	ng/ul	99
52) Acenaphthene	14.834	153	1425034	34.028	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	166007	25.220	ng/ul	97
55) 4-Nitrophenol	14.981	109	238828	34.803	ng/ul	88
56) Dibenzofuran	15.163	168	2003752	34.400	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	512569	35.731	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.392	232	432475	35.195	ng/ul	96
59) Diethylphthalate	15.575	149	1752448	35.113	ng/ul	99
61) Fluorene	15.816	166	1582993	33.817	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.798	204	818421	35.783	ng/ul	98
63) 4-Nitroaniline	15.840	138	355904	46.169	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.892	198	252516	29.446	ng/ul#	99
67) N-Nitrosodiphenylamine	16.016	169	1364477	35.196	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	536446	39.501	ng/ul	99
69) Hexachlorobenzene	16.822	284	616628	38.422	ng/ul	97
70) Atrazine	16.969	200	333010	23.239	ng/ul	99
71) Pentachlorophenol	17.169	266	309891	30.870	ng/ul	99
72) Phenanthrene	17.563	178	2458177	34.238	ng/ul	99
74) Anthracene	17.657	178	2341276	32.249	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.569	216	722091	38.627	ng/uL	100
76) Pentachlorobenzene	15.087	250	720977	38.411	ng/uL	100
77) Carbazole	17.922	167	2128193	33.429	ng/ul	99
78) Di-n-butylphthalate	18.451	149	2885036	35.191	ng/ul	100
80) Fluoranthene	19.510	202	2505760	44.453	ng/ul	98
82) Pyrene	19.863	202	2453464	42.148	ng/ul	98
83) Butylbenzylphthalate	20.716	149	1049649	40.675	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	414942	23.694	ng/ul	97
85) Benzo(a)anthracene	21.580	228	1949162	35.352	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.475	149	1446001	38.921	ng/ul	99
87) Chrysene	21.633	228	1846969	35.043	ng/ul	98
89) Di-n-octyl phthalate	22.451	149	2200850	34.566	ng/ul	100
90) Benzo(b)fluoranthene	23.369	252	2029754	34.440	ng/ul	99
91) Benzo(k)fluoranthene	23.421	252	1941488	34.307	ng/ul	98
93) Benzo(a)pyrene	24.045	252	1778528	34.141	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.874	276	2540476	37.664	ng/ul	96
95) Dibenzo(a,h)anthracene	26.892	278	2091405	37.771	ng/ul	97
96) Benzo(g,h,i)perylene	27.709	276	1968262	35.784	ng/ul	97

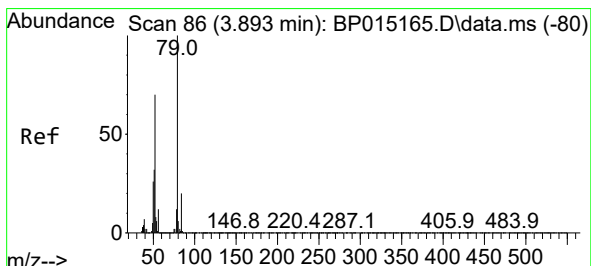
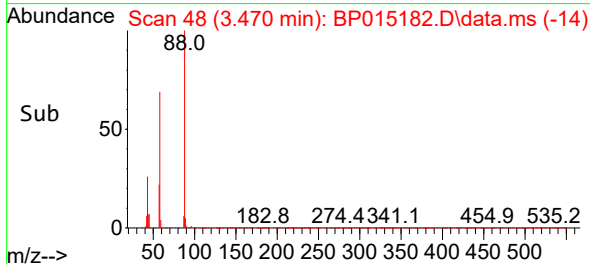
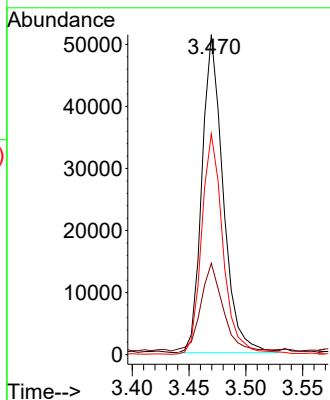
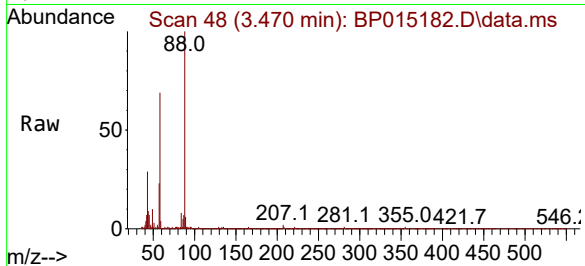
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#2
1,4-Dioxane
Concen: 10.155 ng/uL
RT: 3.470 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

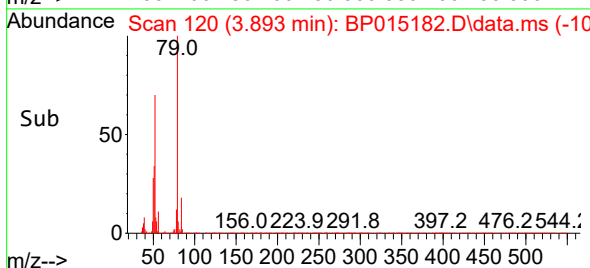
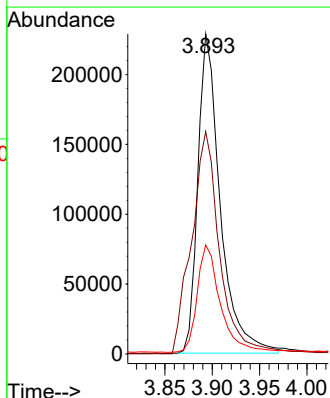
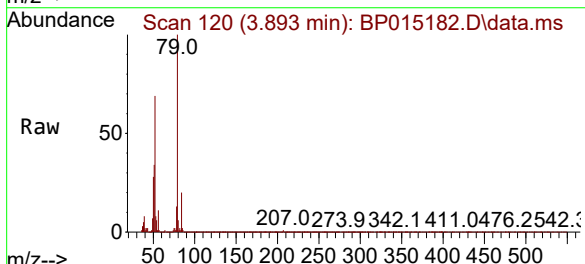
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ClientSampleId :
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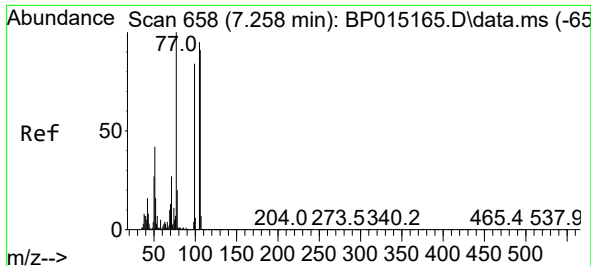
Tgt Ion: 88 Resp: 66554
Ion Ratio Lower Upper
88 100
43 28.5 20.4 30.6
58 68.9 55.4 83.2



#5
Pyridine
Concen: 20.913 ng/uL
RT: 3.893 min Scan# 120
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion: 79 Resp: 376026
Ion Ratio Lower Upper
79 100
52 69.5 55.4 83.2
51 34.0 25.4 38.2

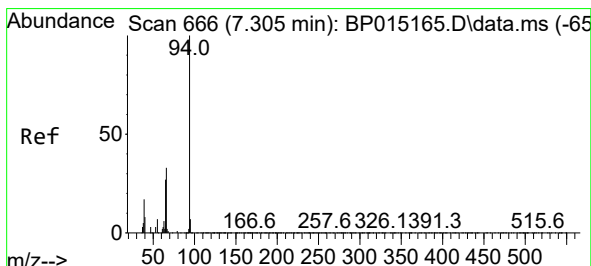
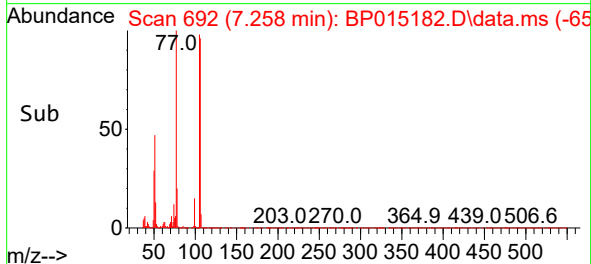
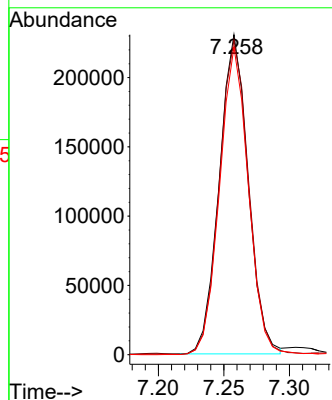
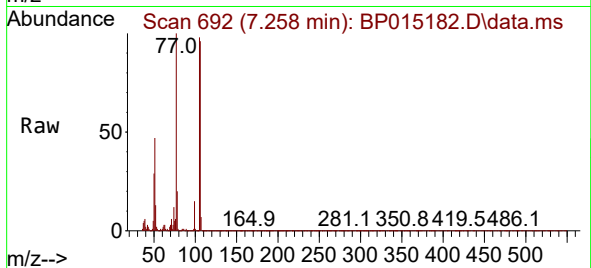




#6
Benzaldehyde
Concen: 58.245 ng/ul
RT: 7.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

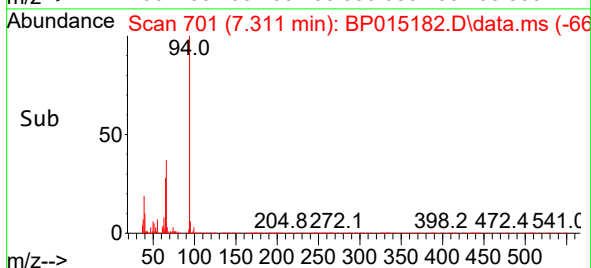
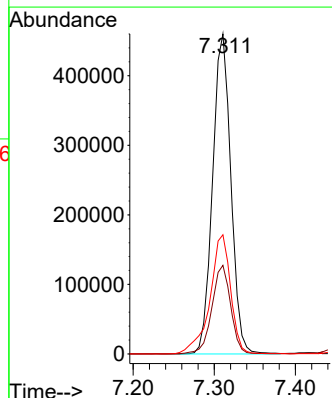
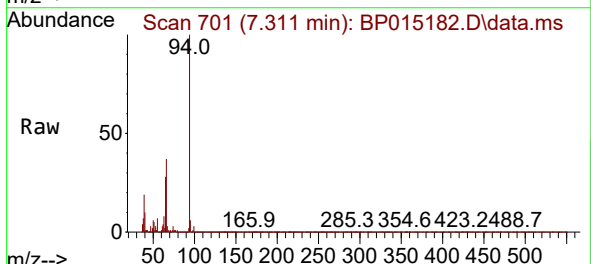
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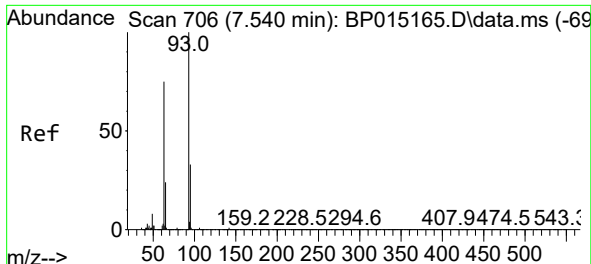
Tgt Ion: 77 Resp: 352239
Ion Ratio Lower Upper
77 100
105 98.3 76.9 115.3
106 96.2 75.0 112.6



#8
Phenol
Concen: 31.877 ng/ul
RT: 7.311 min Scan# 701
Delta R.T. 0.006 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion: 94 Resp: 719200
Ion Ratio Lower Upper
94 100
65 27.7 20.6 31.0
66 37.2 26.1 39.1

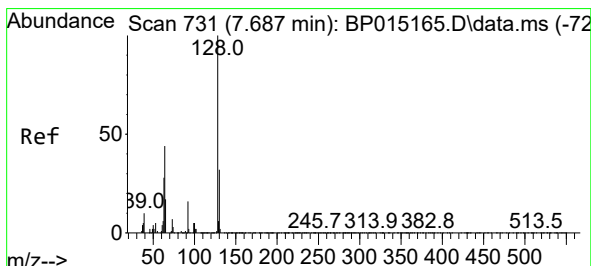
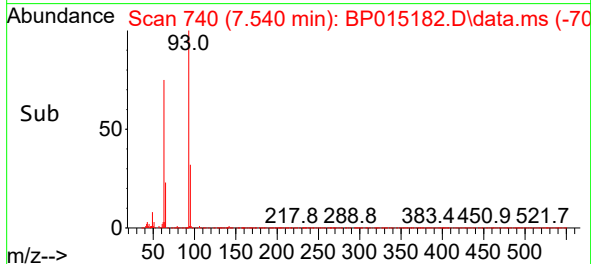
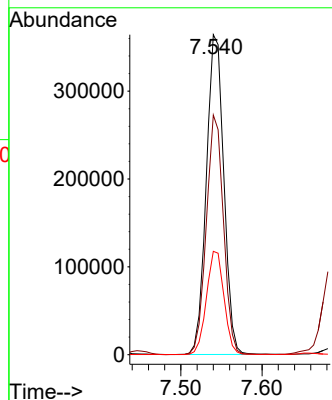
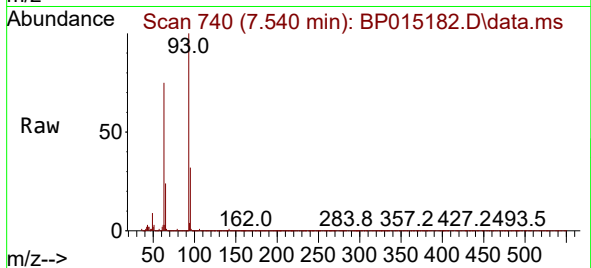




#10
Bis(2-Chloroethyl)ether
Concen: 30.129 ng/ul
RT: 7.540 min Scan# 740
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

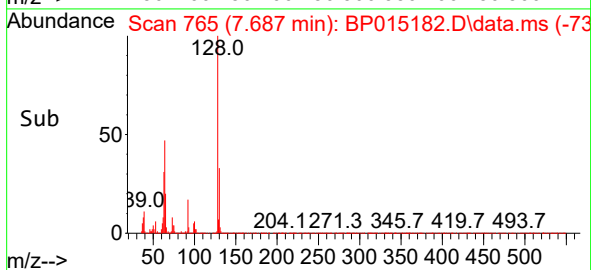
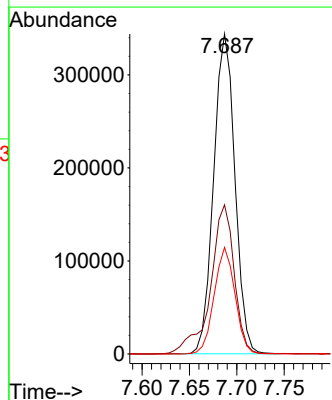
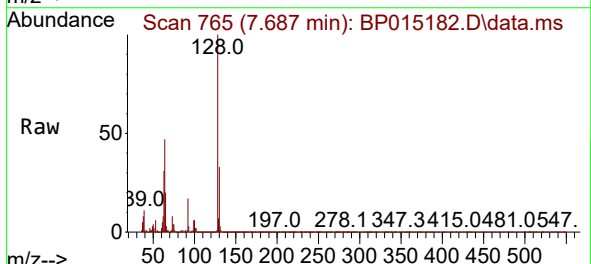
Instrument :
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ClientSampleId :
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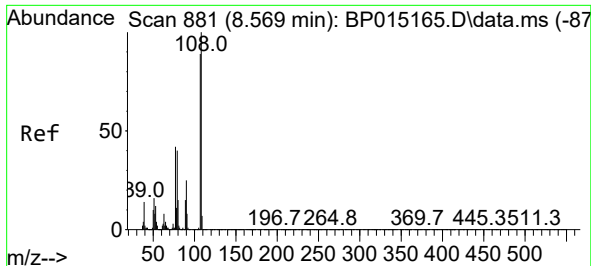
Tgt Ion: 93 Resp: 543857
Ion Ratio Lower Upper
93 100
63 74.9 58.0 87.0
95 32.3 26.4 39.6



#12
2-Chlorophenol
Concen: 31.412 ng/ul
RT: 7.687 min Scan# 765
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:128 Resp: 537500
Ion Ratio Lower Upper
128 100
64 46.6 36.2 54.2
130 33.3 26.3 39.5





#13

2-Methylphenol

Concen: 28.570 ng/ul

RT: 8.575 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Instrument :

BNA_P

ClientSampleId :

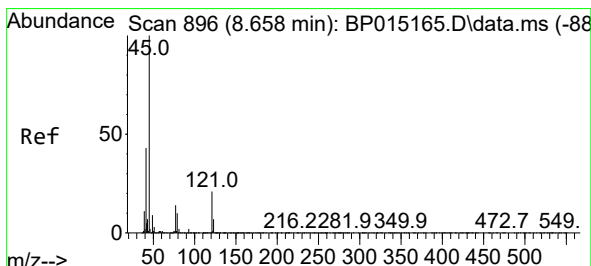
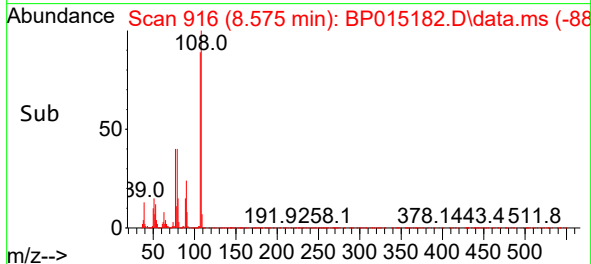
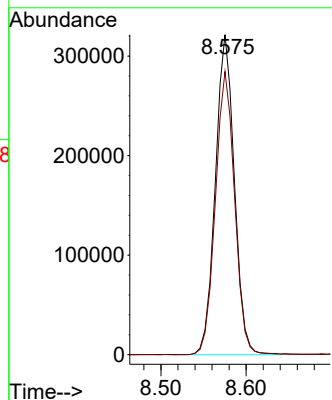
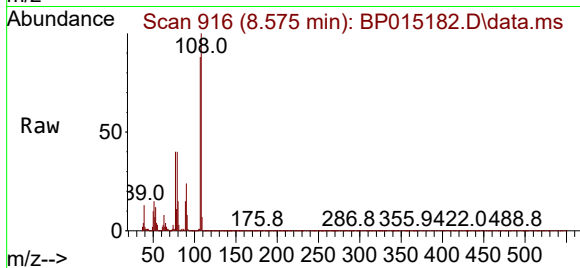
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Tgt Ion:108 Resp: 498174

Ion Ratio Lower Upper

108 100

107 88.5 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 30.171 ng/ul

RT: 8.658 min Scan# 930

Delta R.T. -0.006 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

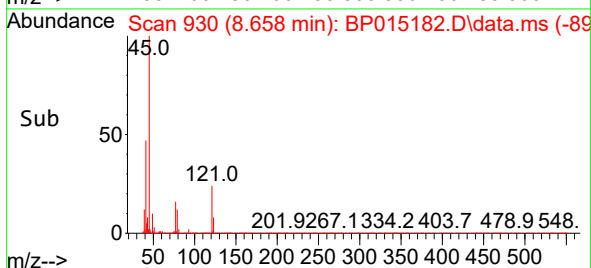
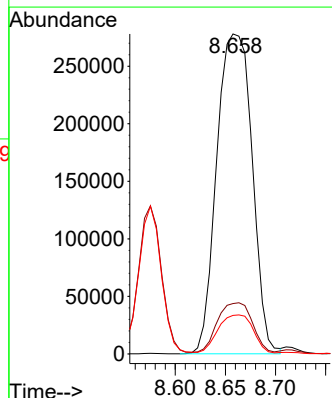
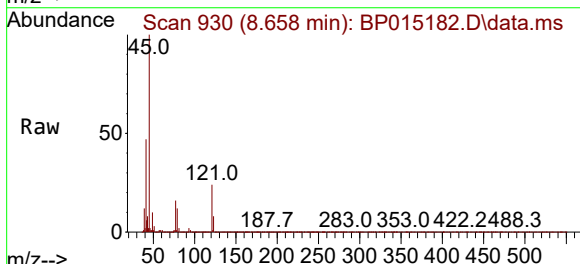
Tgt Ion: 45 Resp: 682330

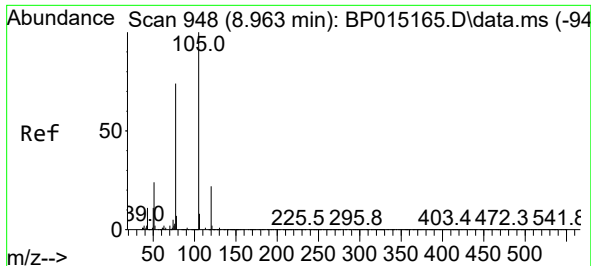
Ion Ratio Lower Upper

45 100

77 15.8 12.8 19.2

79 12.0 9.5 14.3

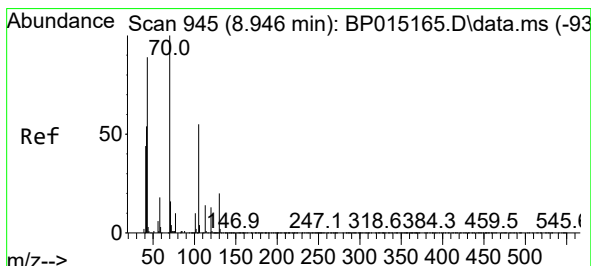
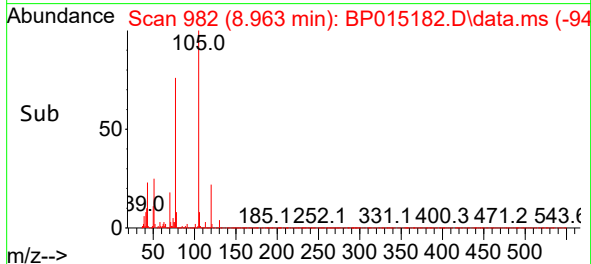
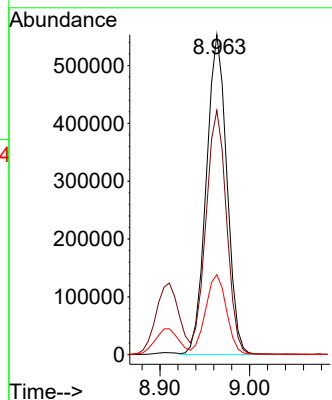
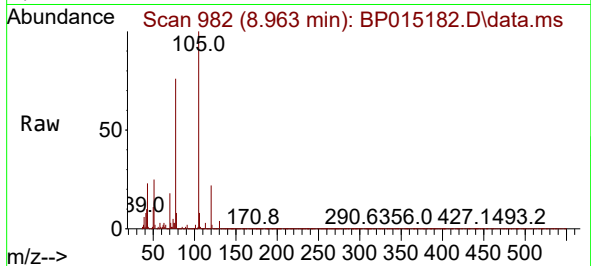




#16
Acetophenone
Concen: 32.154 ng/ul
RT: 8.963 min Scan# 948
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

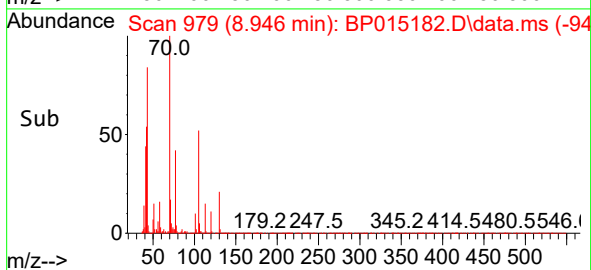
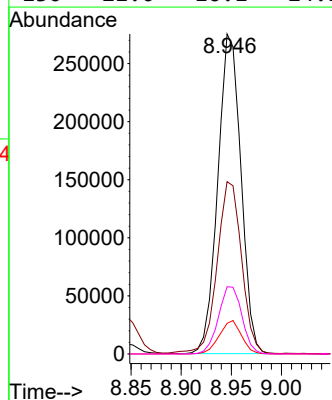
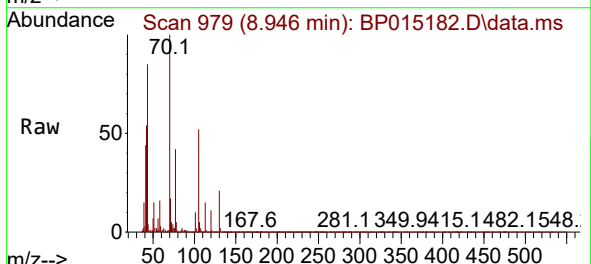
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ClientSampleId :
JREM0MS

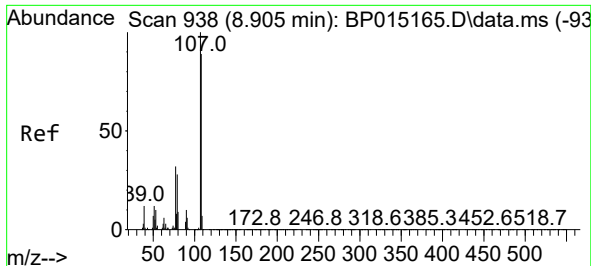
Tgt Ion:105 Resp: 879842
Ion Ratio Lower Upper
105 100
77 76.4 59.4 89.2
51 25.0 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 30.782 ng/ul
RT: 8.946 min Scan# 979
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion: 70 Resp: 441744
Ion Ratio Lower Upper
70 100
42 53.9 41.0 61.6
101 9.6 7.9 11.9
130 21.0 16.1 24.1

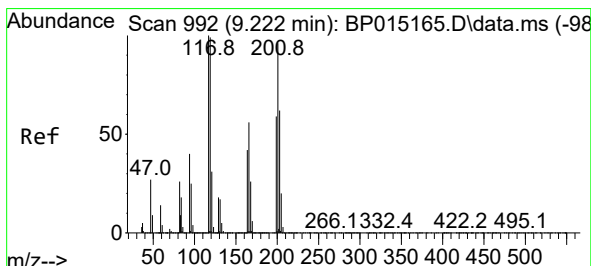
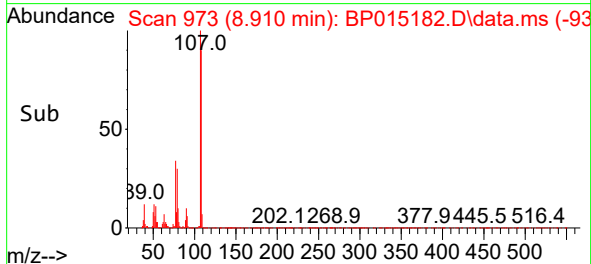
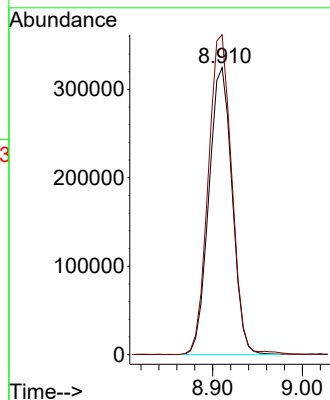
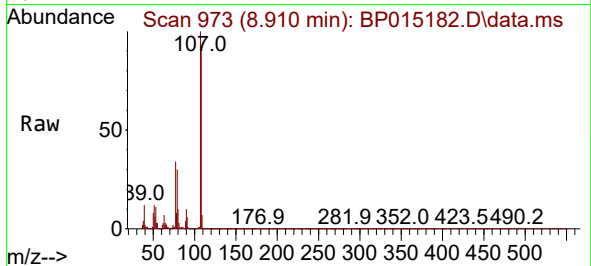




#18
4-Methylphenol
Concen: 30.476 ng/ul
RT: 8.910 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

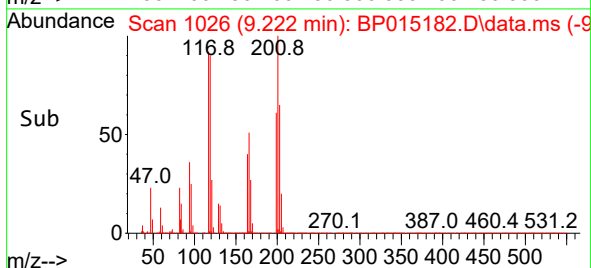
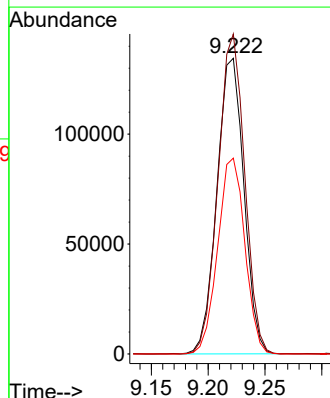
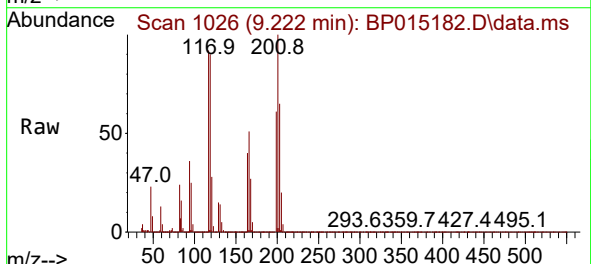
Instrument :
BNA_P
ClientSampleId :
JREM0MS

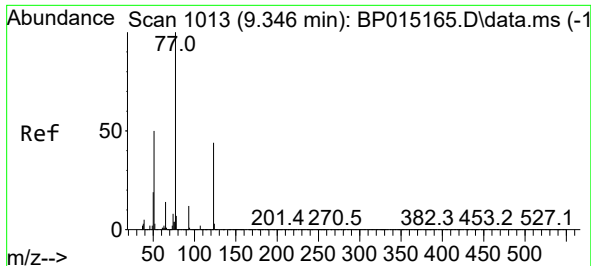
Tgt Ion:108 Resp: 584915
Ion Ratio Lower Upper
108 100
107 111.5 88.5 132.7



#19
Hexachloroethane
Concen: 31.890 ng/ul
RT: 9.222 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:117 Resp: 222805
Ion Ratio Lower Upper
117 100
201 108.2 75.8 113.8
199 66.2 46.5 69.7

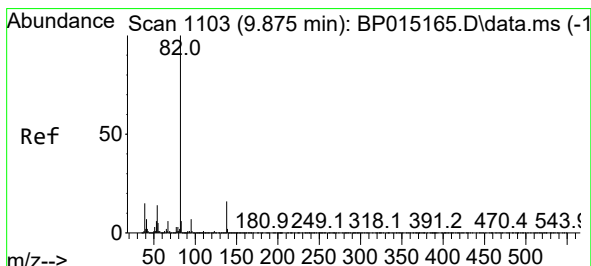
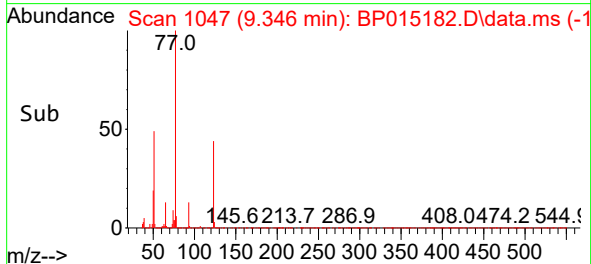
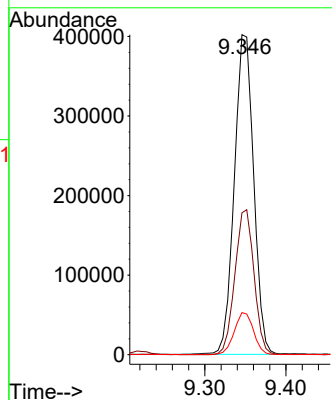
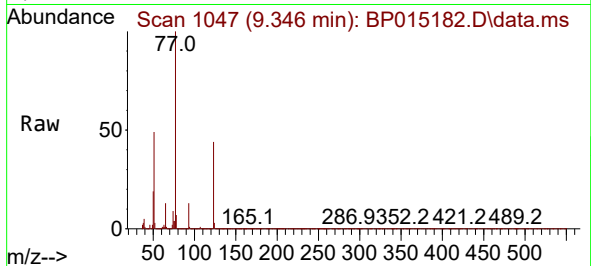




#22
Nitrobenzene
Concen: 33.567 ng/ul
RT: 9.346 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

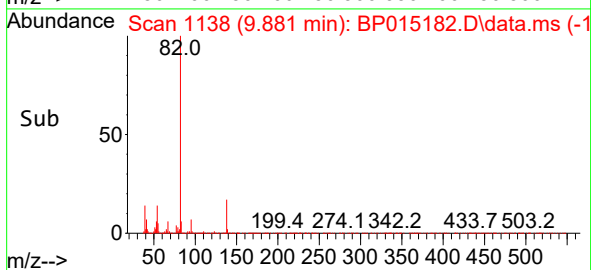
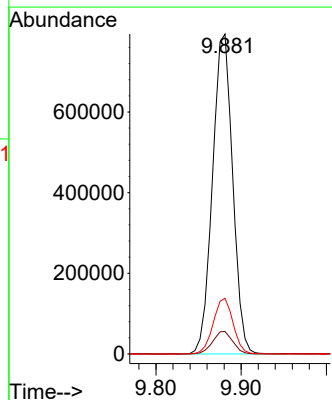
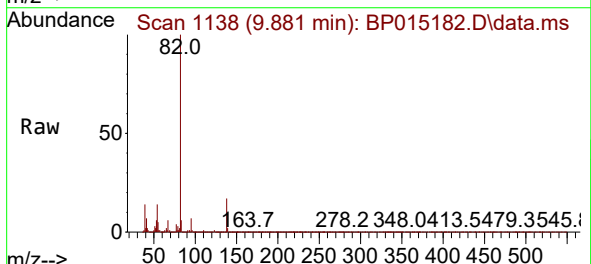
Instrument :
BNA_P
ClientSampleId :
JREM0MS

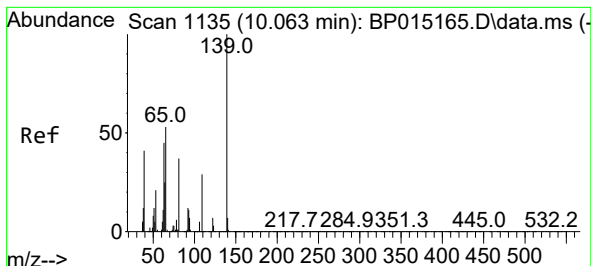
Tgt Ion: 77 Resp: 665049
Ion Ratio Lower Upper
77 100
123 44.3 36.2 54.2
65 13.2 10.1 15.1



#23
Isophorone
Concen: 32.096 ng/ul
RT: 9.881 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion: 82 Resp: 1307070
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 17.4 13.6 20.4

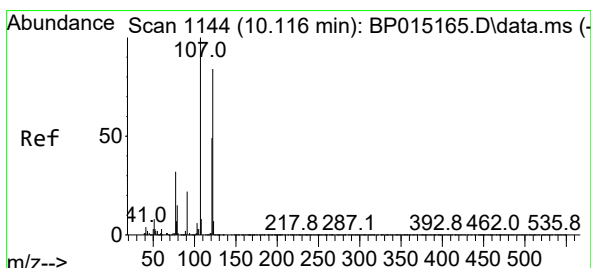
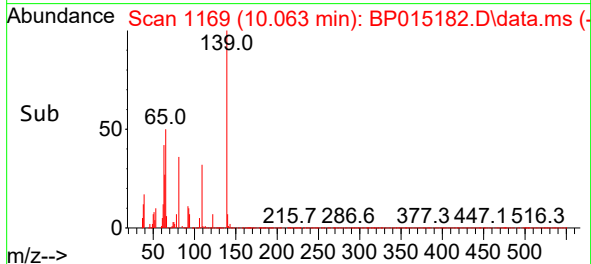
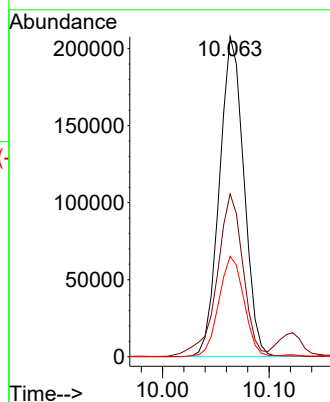
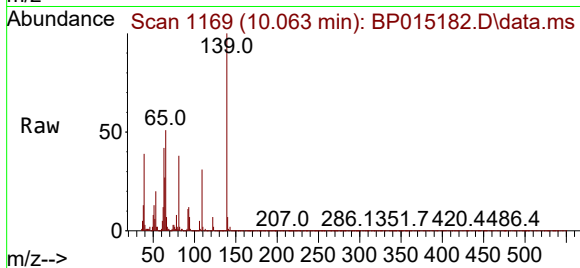




#25
2-Nitrophenol
Concen: 33.809 ng/ul
RT: 10.063 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

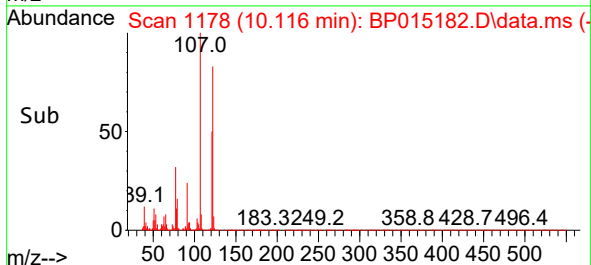
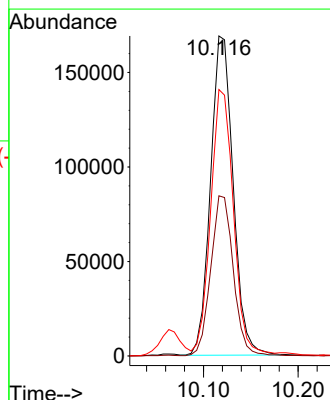
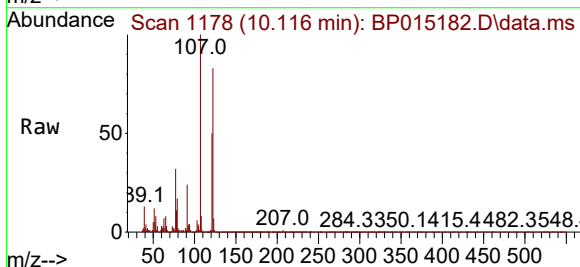
Instrument :
BNA_P
ClientSampleId :
JREM0MS

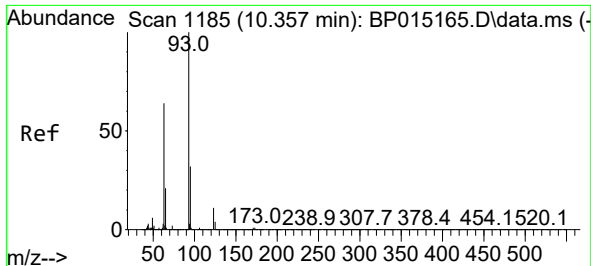
Tgt Ion:139 Resp: 330926
Ion Ratio Lower Upper
139 100
65 50.8 38.4 57.6
109 31.4 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 14.361 ng/ul
RT: 10.116 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:107 Resp: 280510
Ion Ratio Lower Upper
107 100
121 50.1 41.0 61.6
122 83.3 69.5 104.3

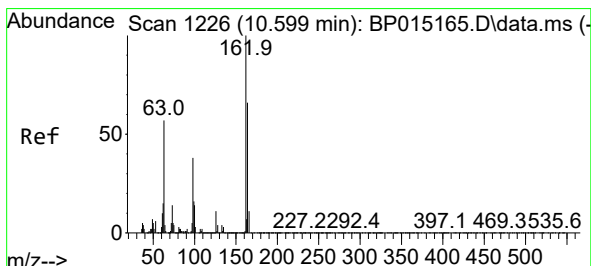
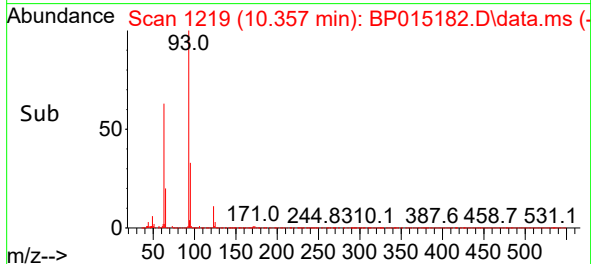
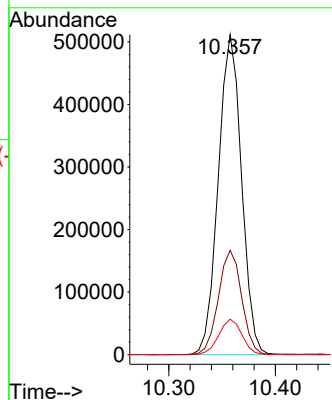
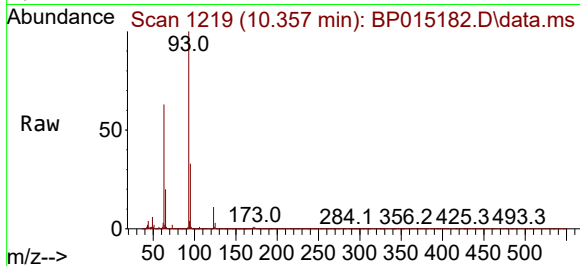




#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.227 ng/ul
 RT: 10.357 min Scan# 1185
 Delta R.T. 0.000 min
 Lab File: BP015182.D
 Acq: 19 May 2023 20:24

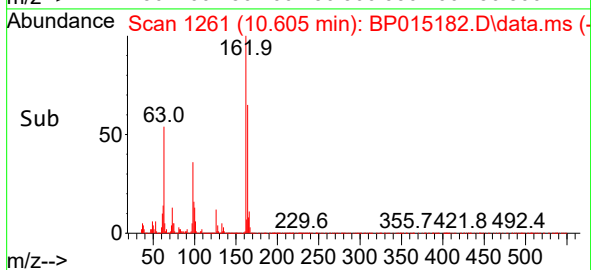
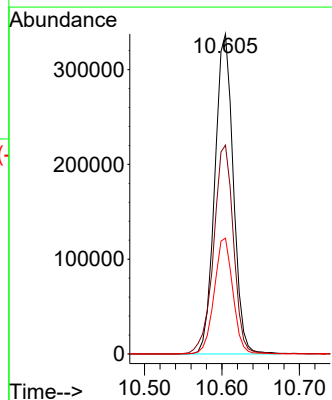
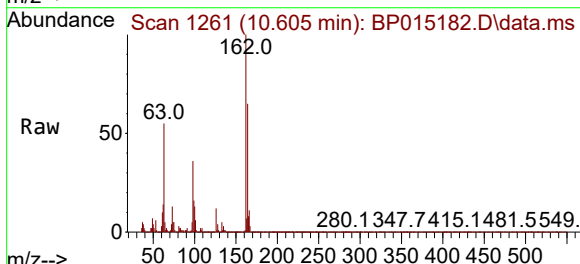
Instrument :
 BNA_P
 ClientSampleId :
 JREM0MS

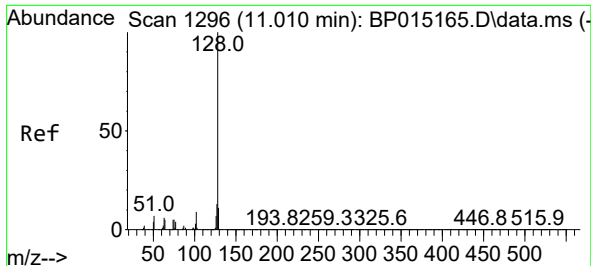
Tgt Ion: 93 Resp: 773756
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.7 40.1
 123 11.1 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 34.362 ng/ul
 RT: 10.605 min Scan# 1261
 Delta R.T. 0.006 min
 Lab File: BP015182.D
 Acq: 19 May 2023 20:24

Tgt Ion: 162 Resp: 559058
 Ion Ratio Lower Upper
 162 100
 164 65.3 52.0 78.0
 98 36.2 28.9 43.3

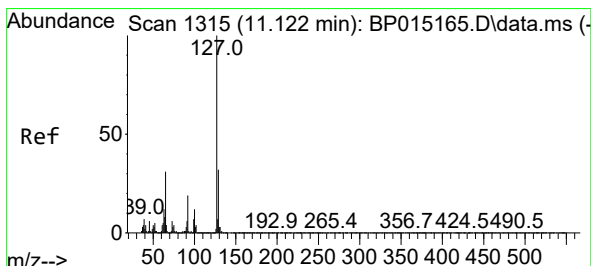
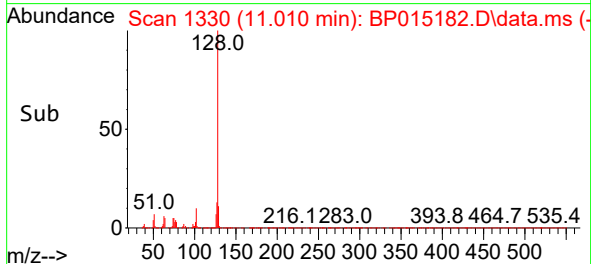
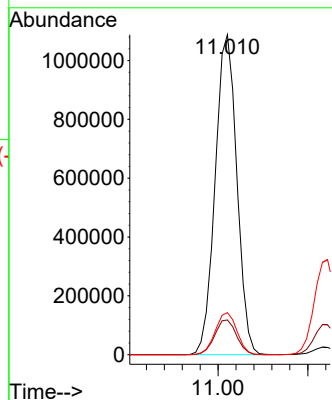
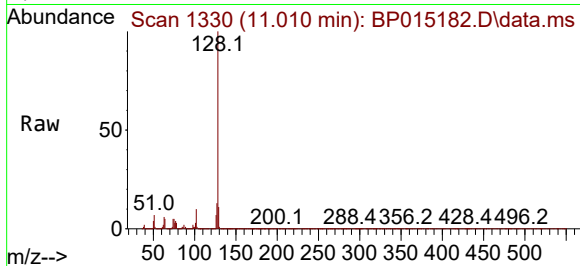




#30
Naphthalene
Concen: 32.817 ng/ul
RT: 11.010 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

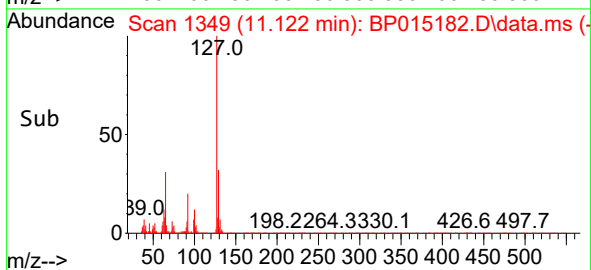
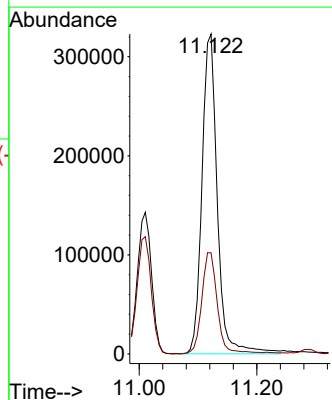
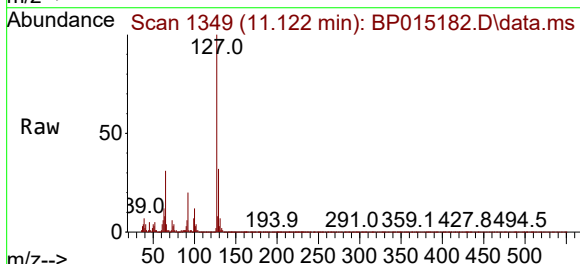
Instrument :
BNA_P
ClientSampleId :
JREM0MS

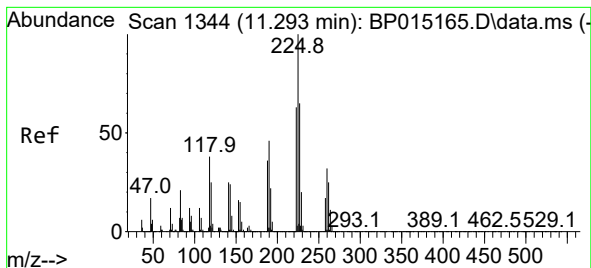
Tgt Ion:128 Resp: 1821395
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.6 15.8



#32
4-Chloroaniline
Concen: 23.831 ng/ul
RT: 11.122 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:127 Resp: 583710
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.8





#33

Hexachlorobutadiene

Concen: 37.712 ng/ul

RT: 11.287 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Instrument :

BNA_P

ClientSampleId :

JREM0MS

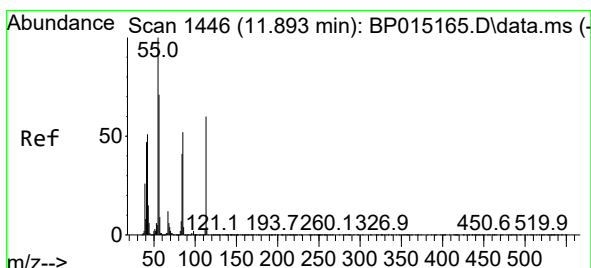
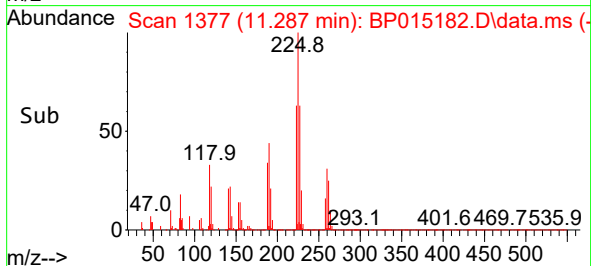
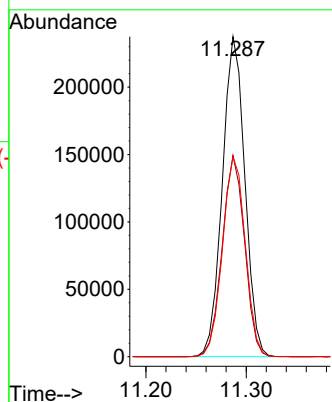
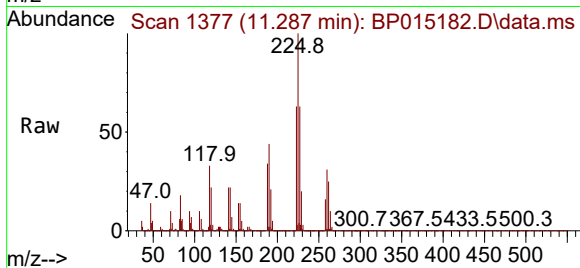
Tgt Ion:225 Resp: 369791

Ion Ratio Lower Upper

225 100

223 62.8 51.0 76.6

227 62.6 52.2 78.4



#34

Caprolactam

Concen: 23.223 ng/ul

RT: 11.904 min Scan# 1482

Delta R.T. 0.012 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

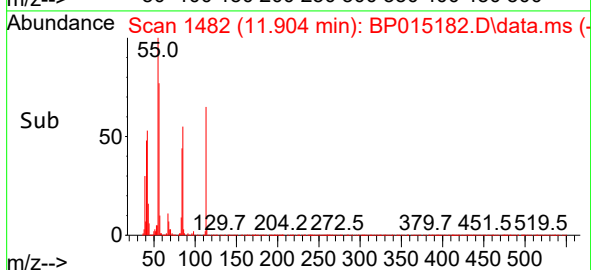
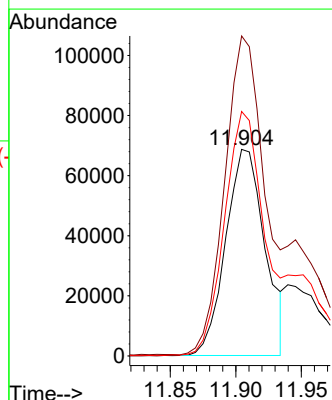
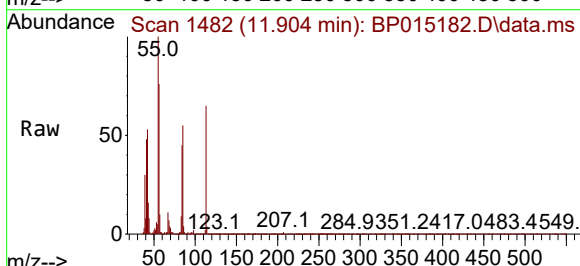
Tgt Ion:113 Resp: 142444

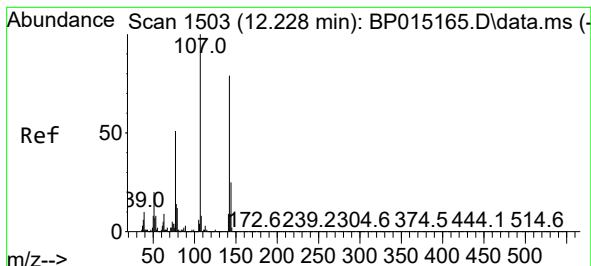
Ion Ratio Lower Upper

113 100

55 155.0 121.2 181.8

56 118.4 90.2 135.4

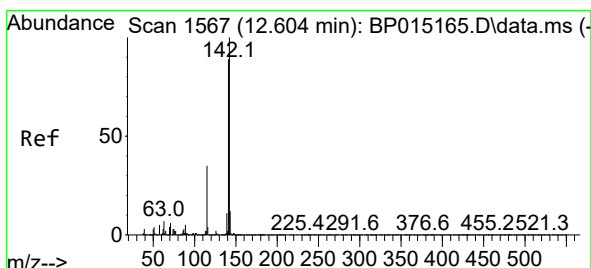
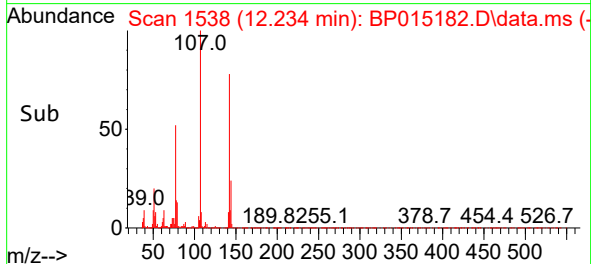
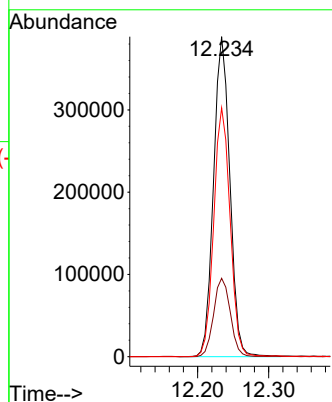
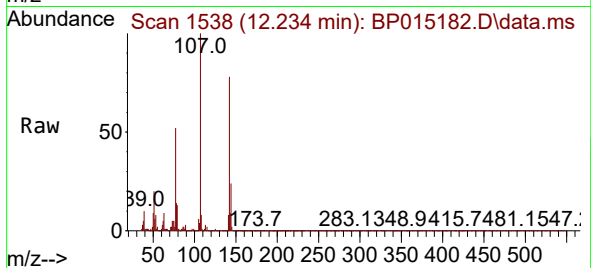




#35
4-Chloro-3-methylphenol
Concen: 33.691 ng/ul
RT: 12.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

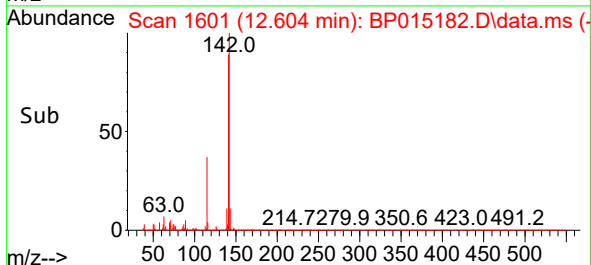
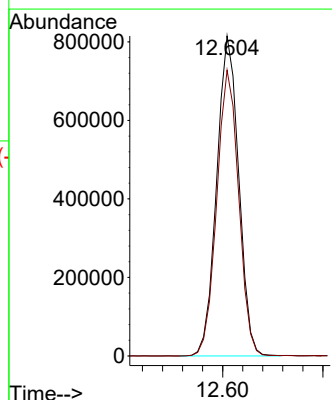
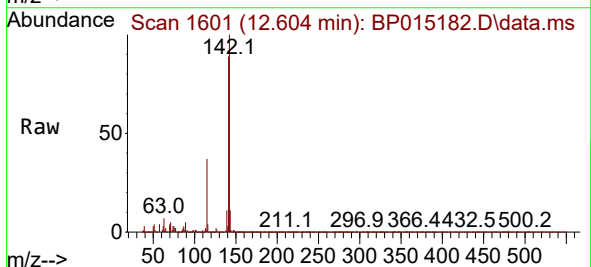
Instrument :
BNA_P
ClientSampleId :
JREM0MS

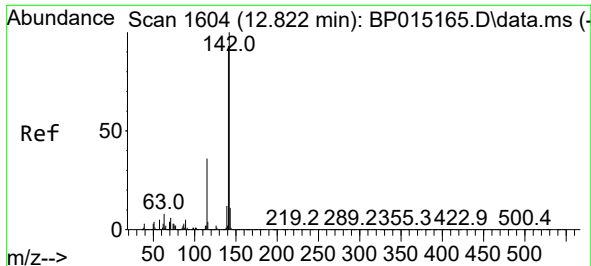
Tgt Ion:107 Resp: 618933
Ion Ratio Lower Upper
107 100
144 24.5 20.3 30.5
142 77.8 63.2 94.8



#36
2-Methylnaphthalene
Concen: 33.213 ng/ul
RT: 12.604 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:142 Resp: 1242054
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6





#37

1-Methylnaphthalene

Concen: 33.837 ng/ul

RT: 12.822 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Instrument :

BNA_P

ClientSampleId :

JREM0MS

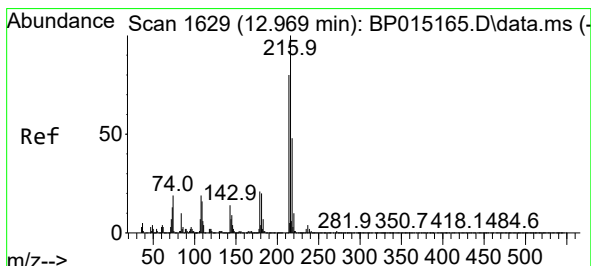
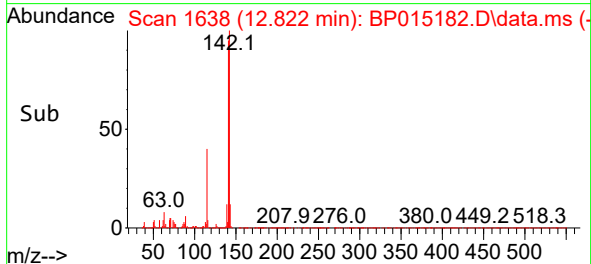
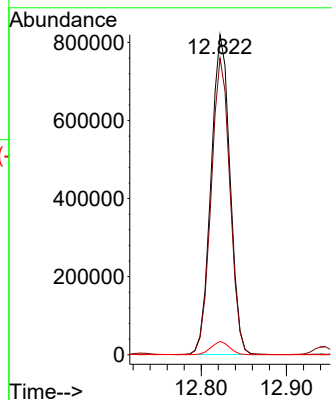
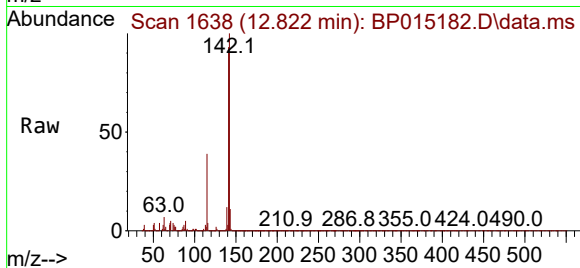
Tgt Ion:142 Resp: 1270716

Ion Ratio Lower Upper

142 100

141 92.6 74.6 112.0

116 4.2 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.300 ng/ul

RT: 12.969 min Scan# 1663

Delta R.T. 0.000 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Tgt Ion:216 Resp: 709332

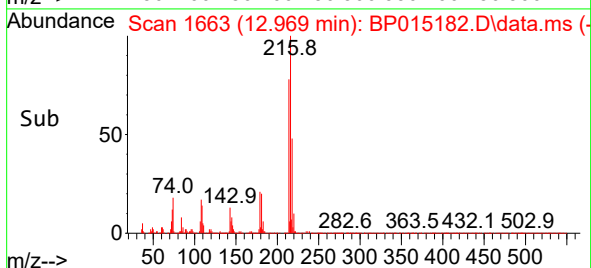
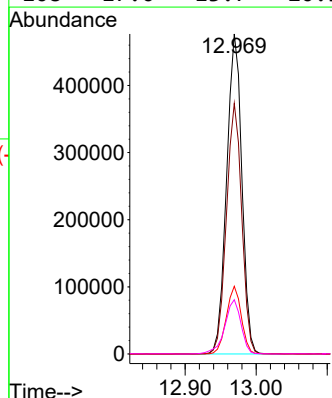
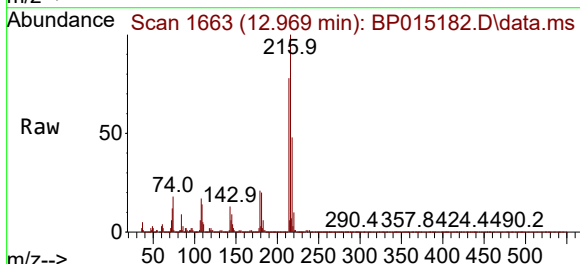
Ion Ratio Lower Upper

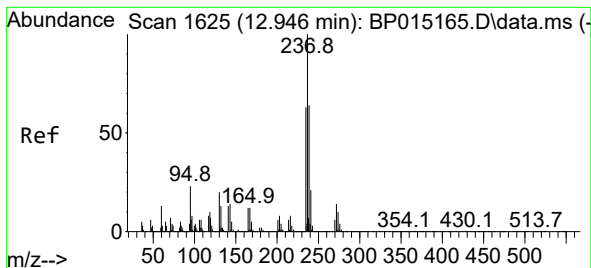
216 100

214 78.3 61.4 92.0

179 21.1 15.9 23.9

108 17.0 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 21.453 ng/ul

RT: 12.946 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Instrument :

BNA_P

ClientSampleId :

JREM0MS

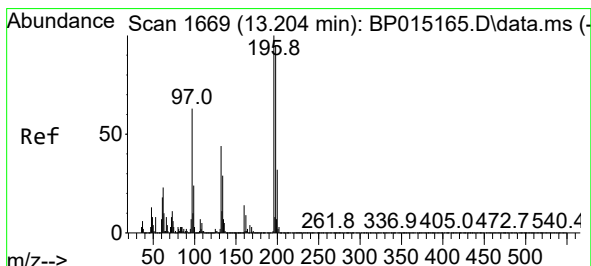
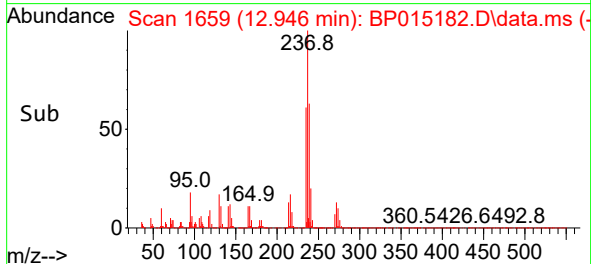
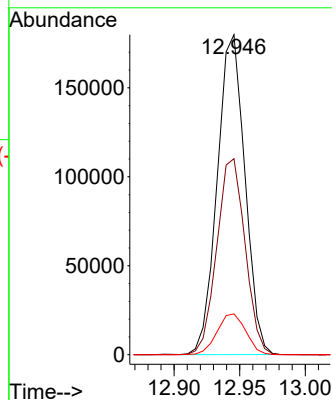
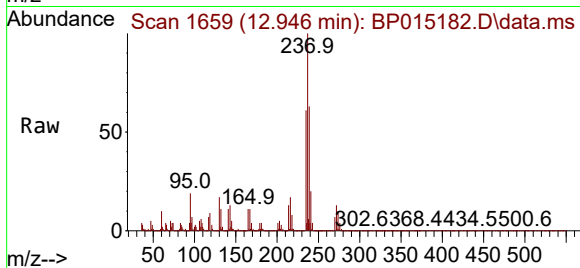
Tgt Ion:237 Resp: 264328

Ion Ratio Lower Upper

237 100

235 61.3 49.4 74.0

272 12.8 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 35.205 ng/ul

RT: 13.210 min Scan# 1704

Delta R.T. 0.006 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

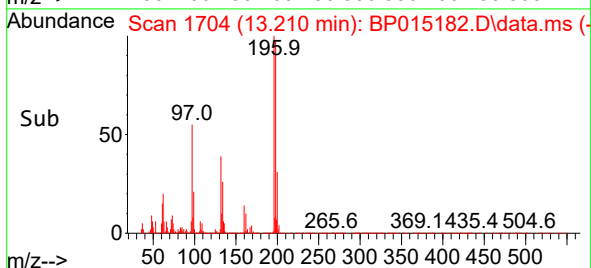
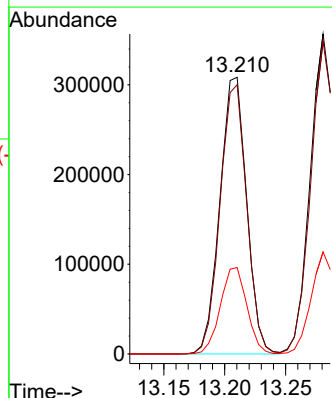
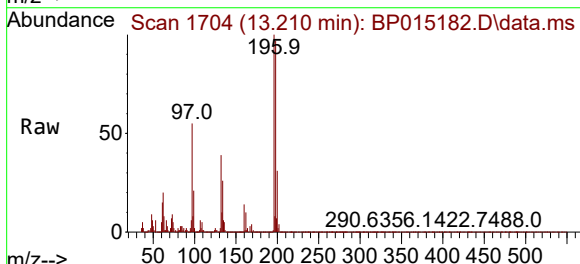
Tgt Ion:196 Resp: 472745

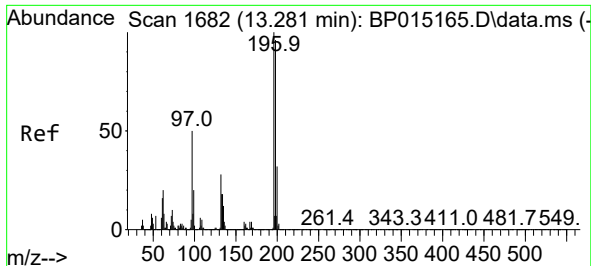
Ion Ratio Lower Upper

196 100

198 97.4 75.5 113.3

200 31.2 23.6 35.4

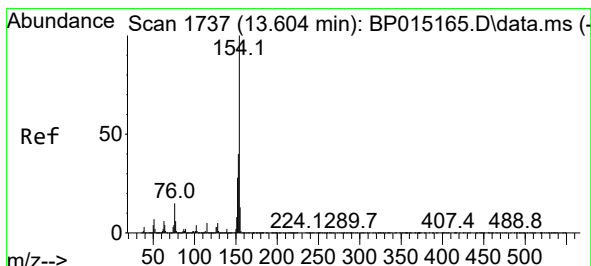
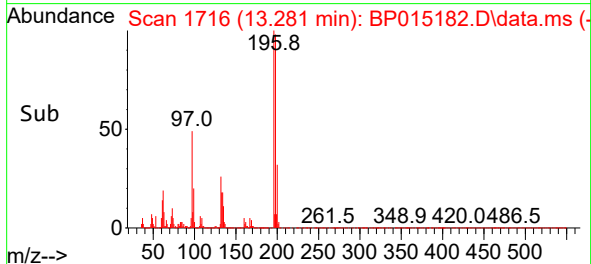
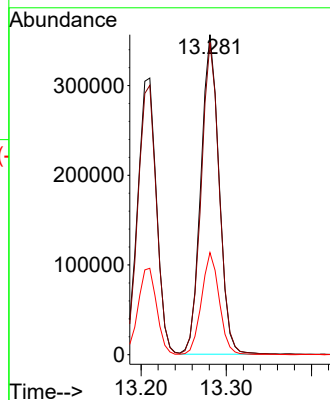
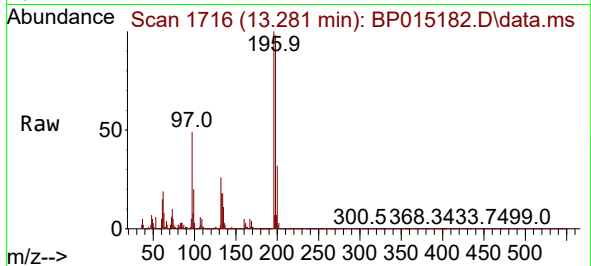




#42
2,4,5-Trichlorophenol
Concen: 36.197 ng/ul
RT: 13.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

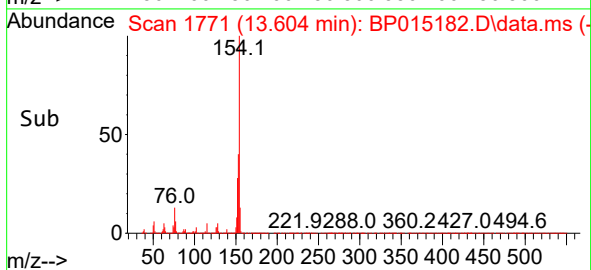
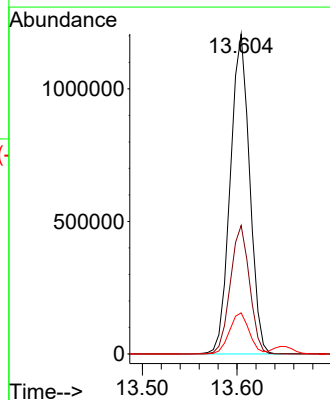
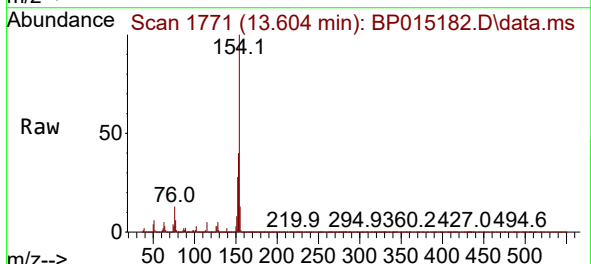
Instrument :
BNA_P
ClientSampleId :
JREM0MS

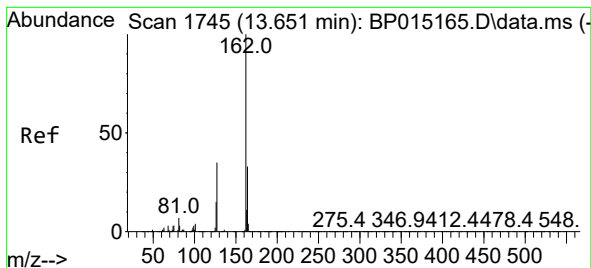
Tgt Ion:196 Resp: 527023
Ion Ratio Lower Upper
196 100
198 97.6 77.0 115.4
200 31.9 24.3 36.5



#43
1,1'-Biphenyl
Concen: 34.599 ng/ul
RT: 13.604 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:154 Resp: 1706899
Ion Ratio Lower Upper
154 100
153 40.2 32.7 49.1
76 12.9 10.7 16.1





#44

2-Chloronaphthalene

Concen: 35.021 ng/ul

RT: 13.651 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Instrument :

BNA_P

ClientSampleId :

JREM0MS

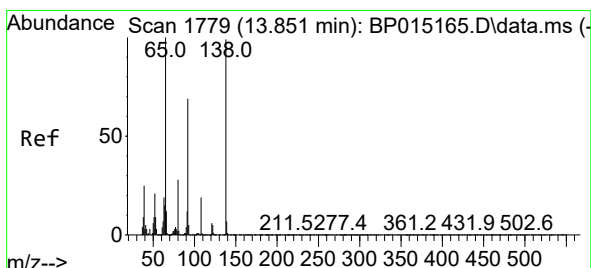
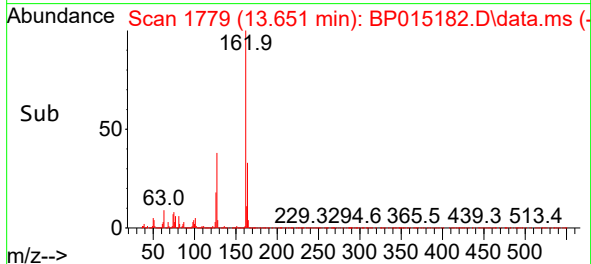
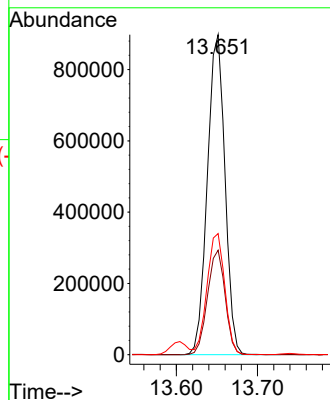
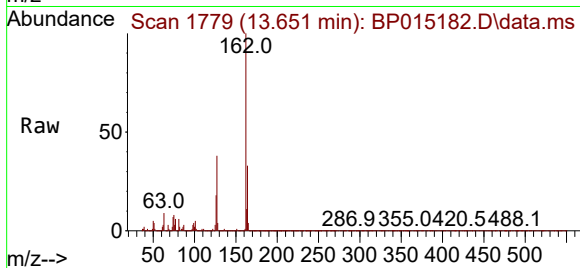
Tgt Ion:162 Resp: 1349254

Ion Ratio Lower Upper

162 100

164 32.7 25.9 38.9

127 37.9 30.8 46.2



#45

2-Nitroaniline

Concen: 36.326 ng/ul

RT: 13.851 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

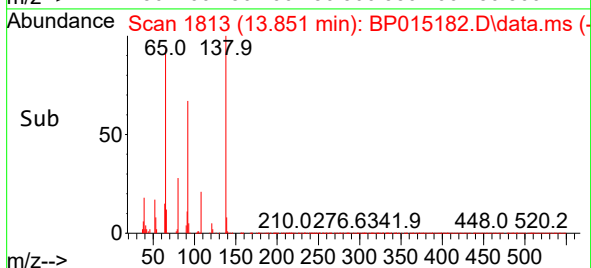
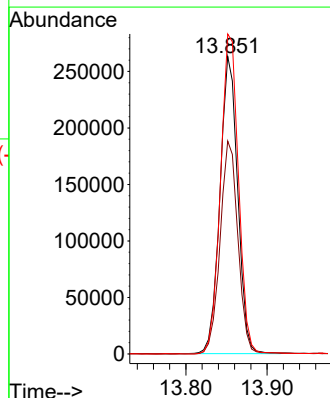
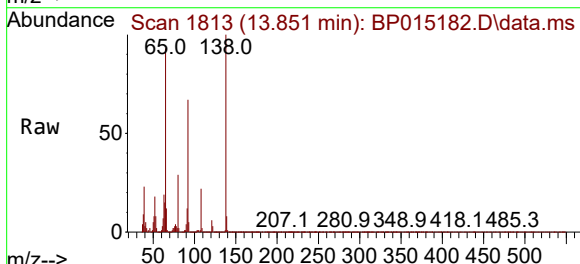
Tgt Ion: 65 Resp: 400445

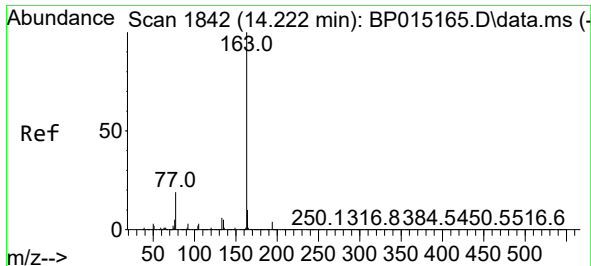
Ion Ratio Lower Upper

65 100

92 71.5 59.8 89.8

138 107.5 92.3 138.5

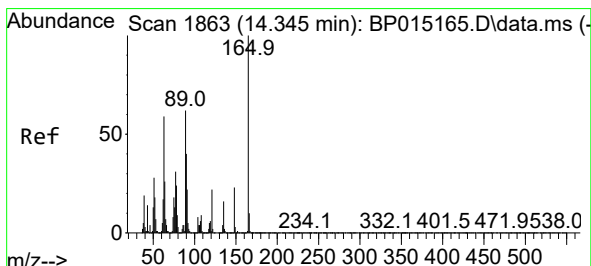
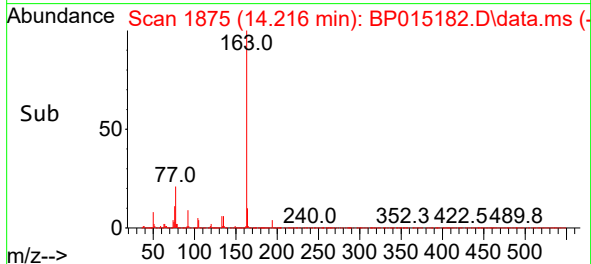
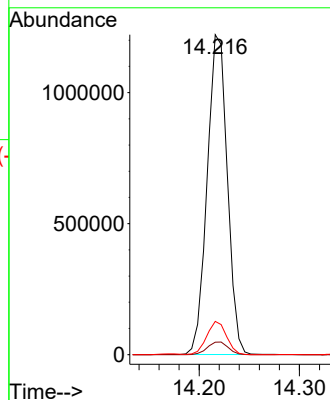
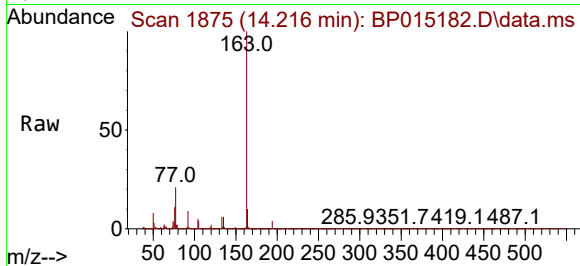




#47
Dimethylphthalate
Concen: 34.060 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

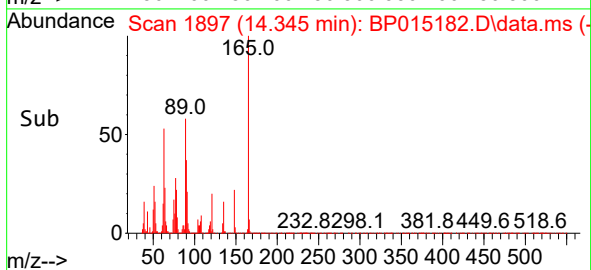
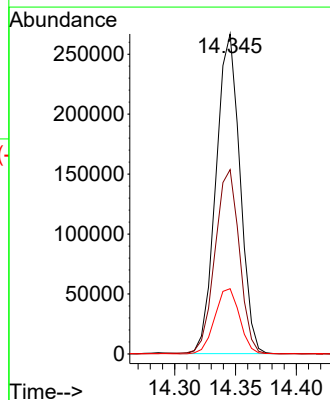
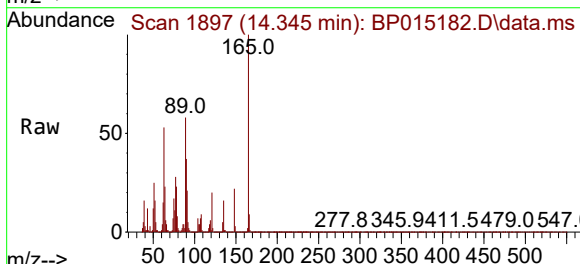
Instrument :
BNA_P
ClientSampleId :
JREM0MS

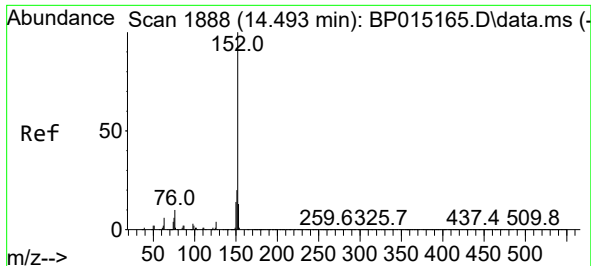
Tgt Ion:163 Resp: 1704350
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 36.879 ng/ul
RT: 14.345 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:165 Resp: 365602
Ion Ratio Lower Upper
165 100
89 57.6 48.0 72.0
121 20.4 17.5 26.3

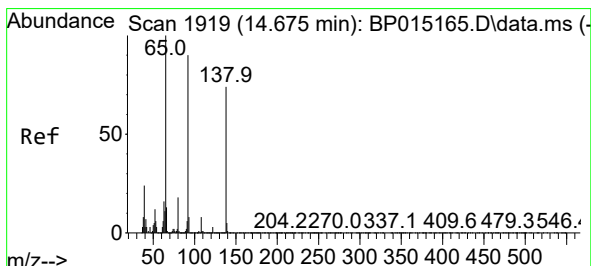
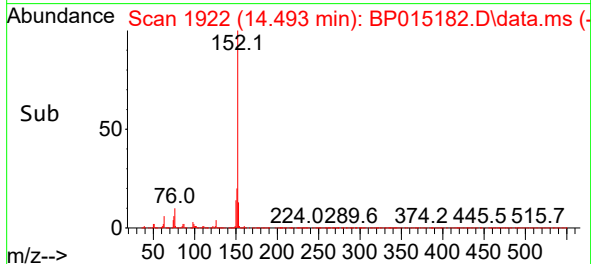
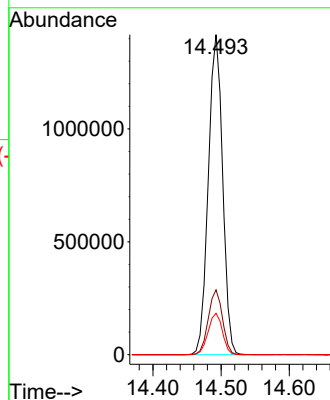
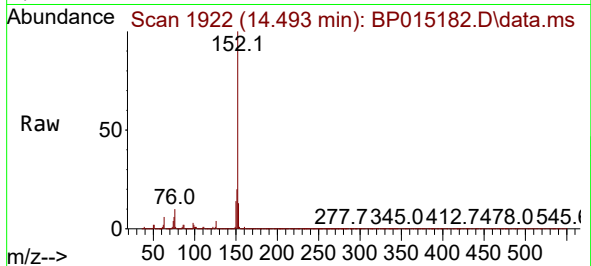




#50
Acenaphthylene
Concen: 33.725 ng/ul
RT: 14.493 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

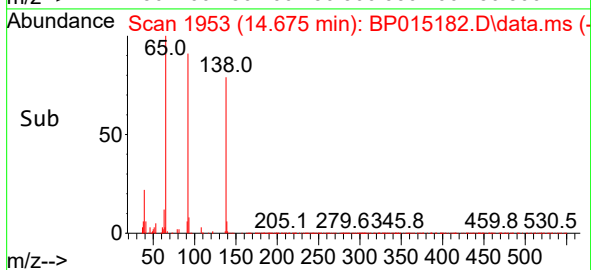
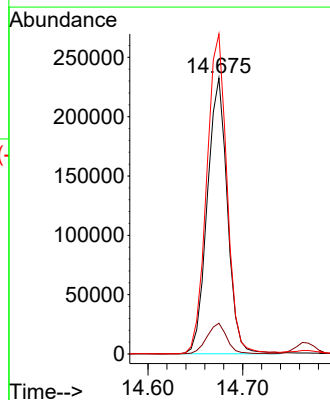
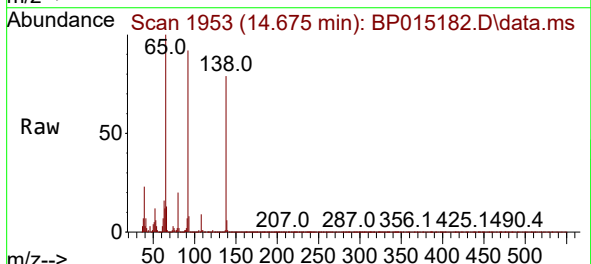
Instrument :
BNA_P
ClientSampleId :
JREM0MS

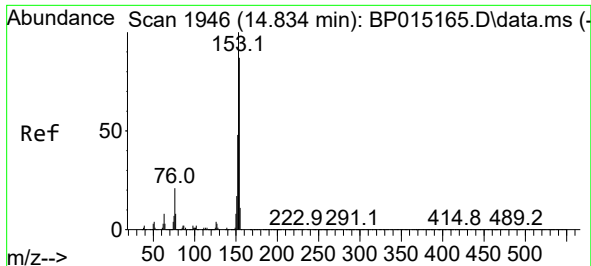
Tgt Ion:152 Resp: 2067883
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.0 10.3 15.5



#51
3-Nitroaniline
Concen: 38.327 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:138 Resp: 342140
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 116.0 93.4 140.0

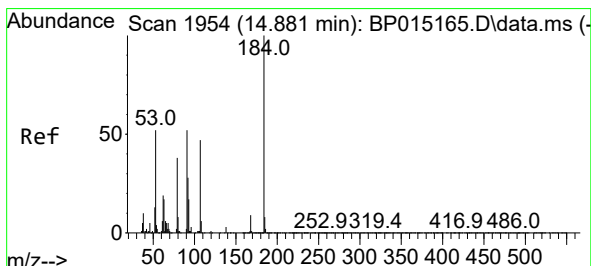
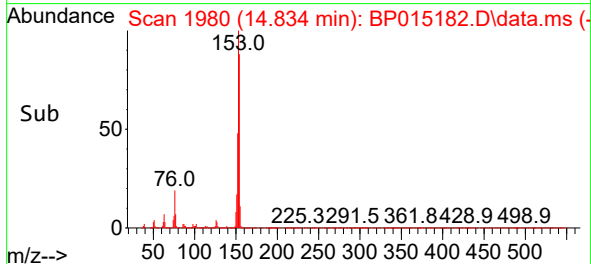
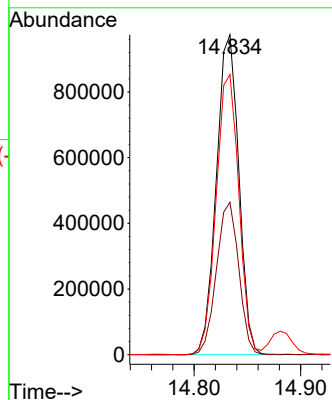
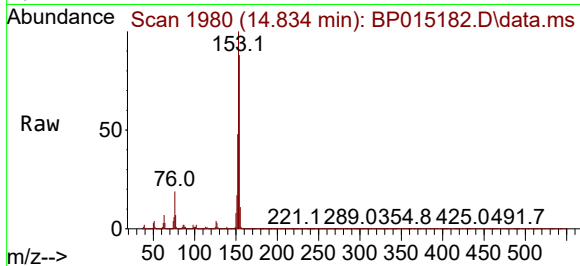




#52
Acenaphthene
Concen: 34.028 ng/ul
RT: 14.834 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

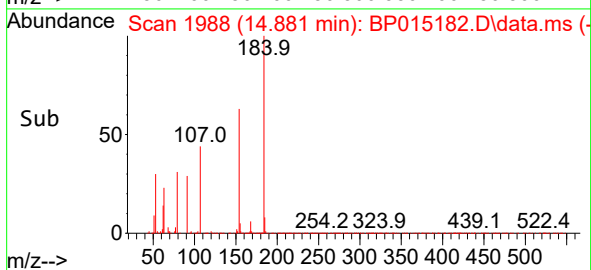
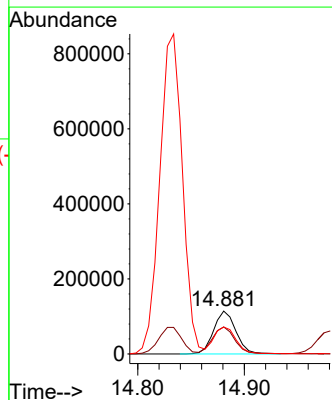
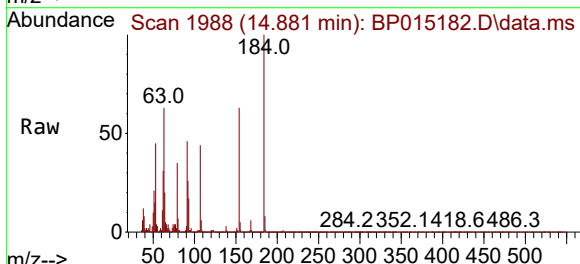
Instrument :
BNA_P
ClientSampleId :
JREM0MS

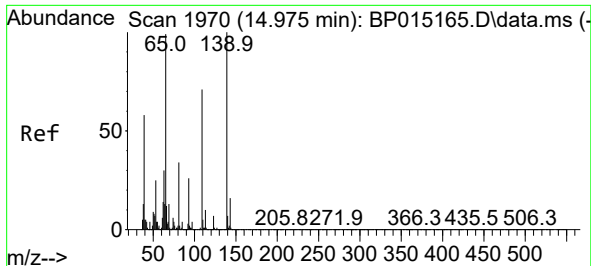
Tgt Ion:153 Resp: 1425034
Ion Ratio Lower Upper
153 100
152 47.6 38.0 57.0
154 87.6 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 25.220 ng/ul
RT: 14.881 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:184 Resp: 166007
Ion Ratio Lower Upper
184 100
63 63.2 49.7 74.5
154 62.7 47.5 71.3

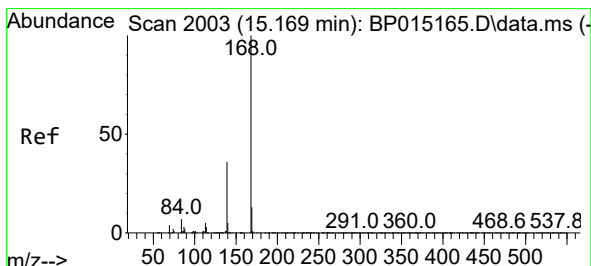
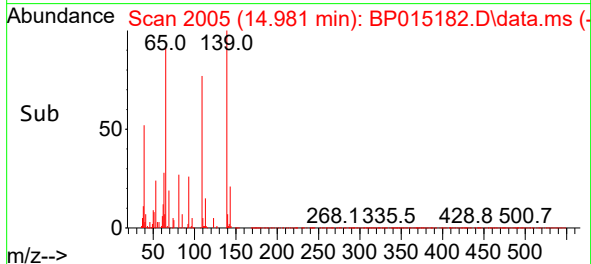
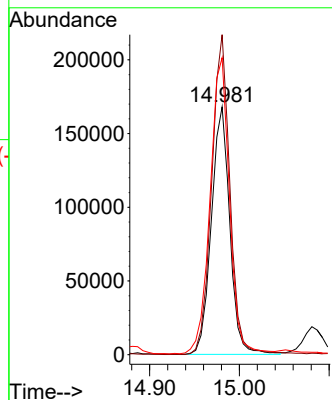
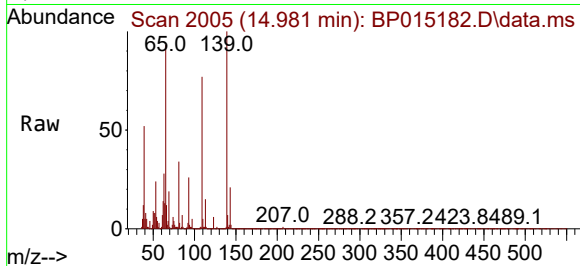




#55
4-Nitrophenol
Concen: 34.803 ng/ul
RT: 14.981 min Scan# 2005
Delta R.T. 0.012 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

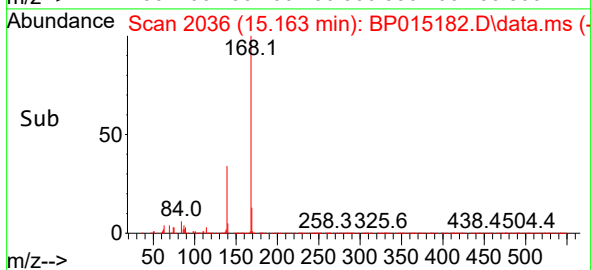
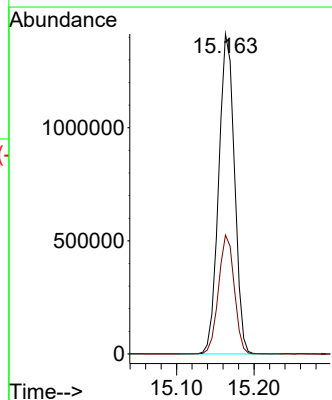
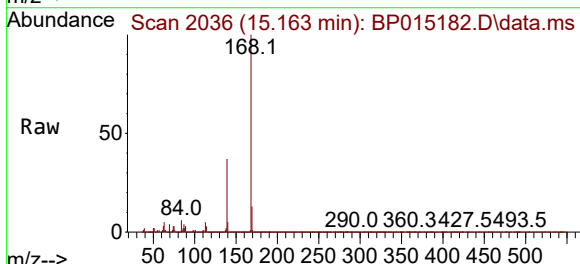
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BNA_P
ClientSampleId :
JREM0MS

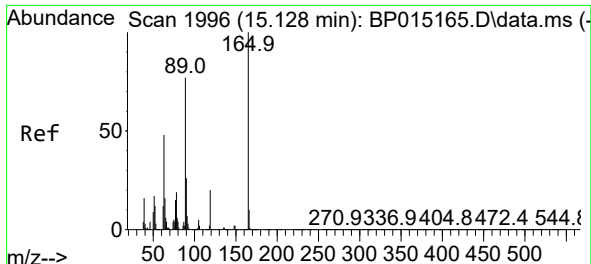
Tgt Ion:109 Resp: 238828
Ion Ratio Lower Upper
109 100
139 129.1 115.3 172.9
65 119.8 107.9 161.9



#56
Dibenzofuran
Concen: 34.400 ng/ul
RT: 15.163 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:168 Resp: 2003752
Ion Ratio Lower Upper
168 100
139 37.1 29.4 44.0

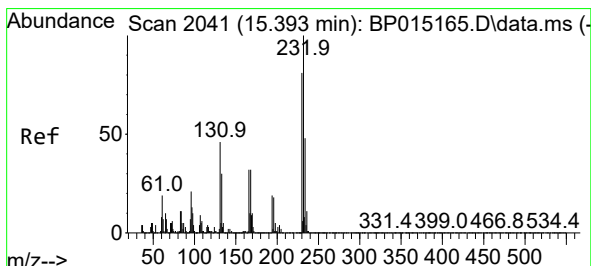
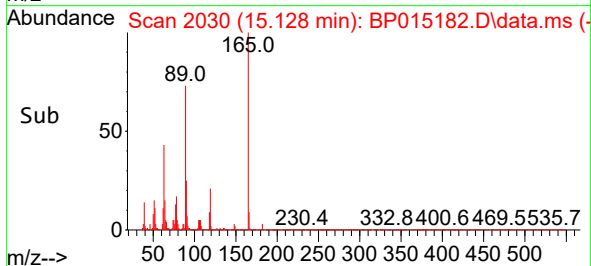
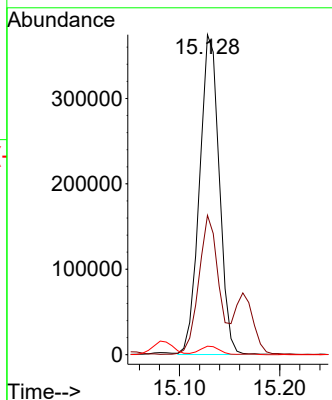
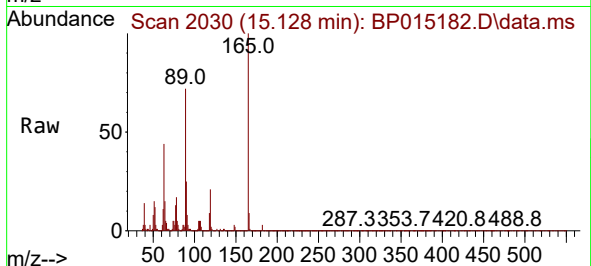




#57
2,4-Dinitrotoluene
Concen: 35.731 ng/ul
RT: 15.128 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

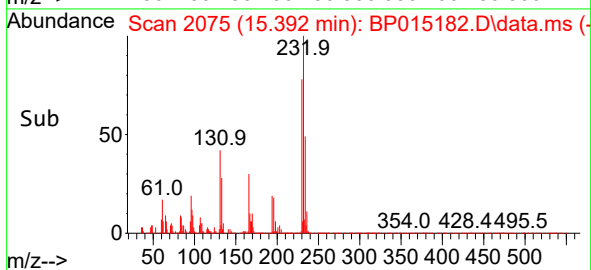
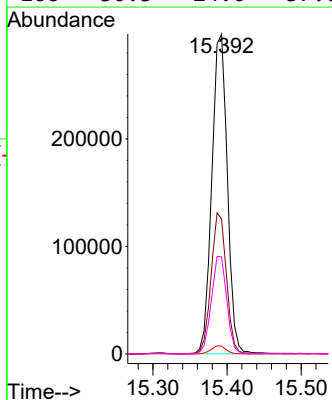
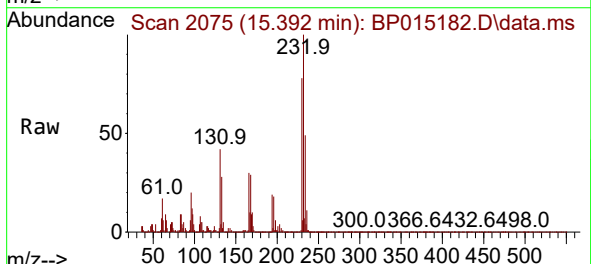
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BNA_P
ClientSampleId :
JREM0MS

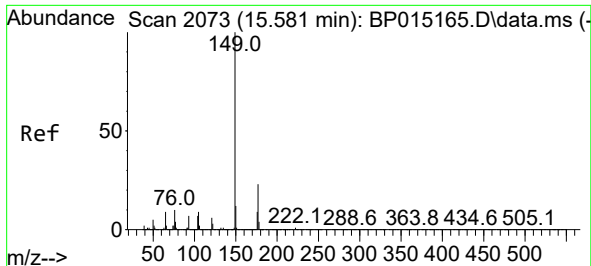
Tgt Ion:165 Resp: 512569
Ion Ratio Lower Upper
165 100
63 43.6 33.1 49.7
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.195 ng/ul
RT: 15.392 min Scan# 2075
Delta R.T. 0.006 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:232 Resp: 432475
Ion Ratio Lower Upper
232 100
131 42.2 36.8 55.2
130 2.4 1.9 2.9
166 30.3 24.6 37.0

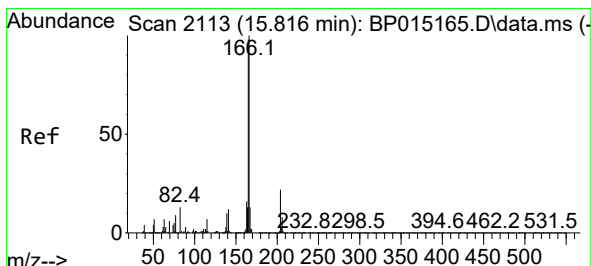
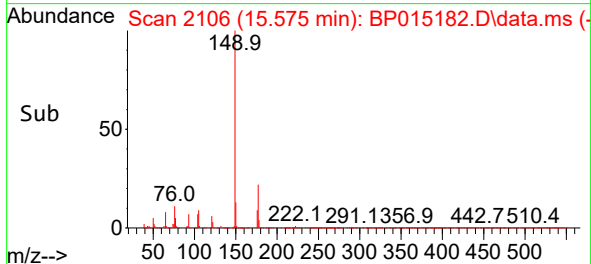
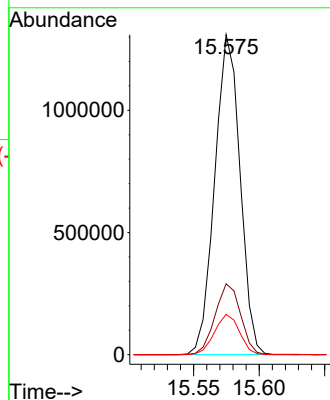
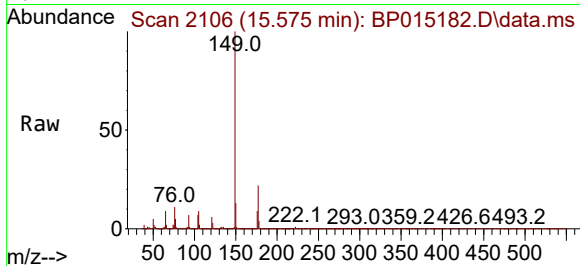




#59
Diethylphthalate
Concen: 35.113 ng/ul
RT: 15.575 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

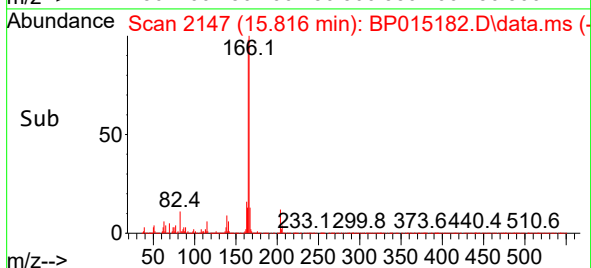
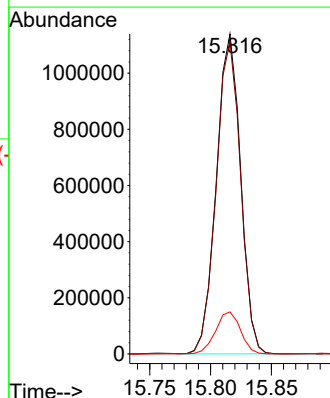
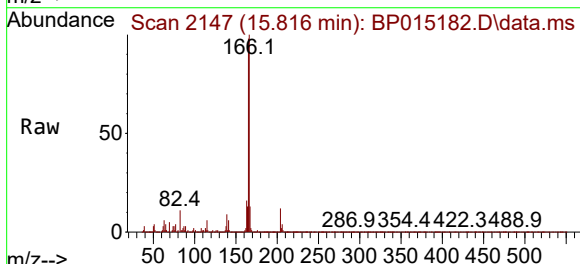
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BNA_P
ClientSampleId :
JREM0MS

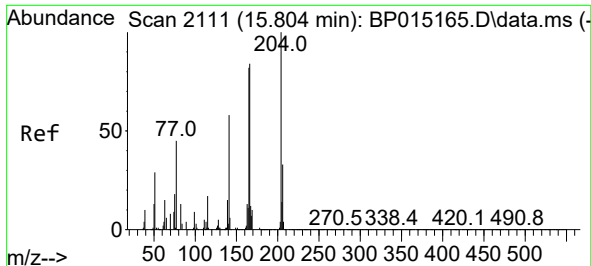
Tgt Ion:149 Resp: 1752448
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 12.6 9.8 14.8



#61
Fluorene
Concen: 33.817 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:166 Resp: 1582993
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.6
167 13.2 10.6 15.8

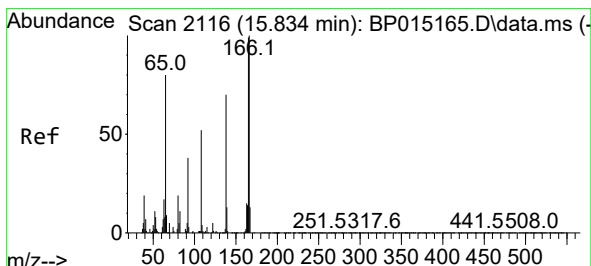
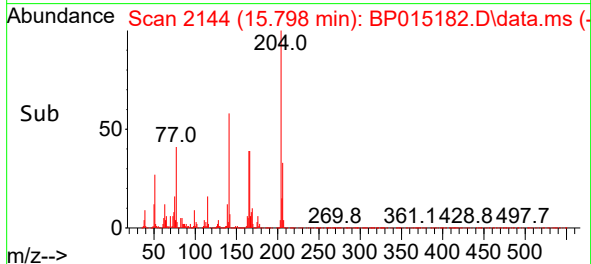
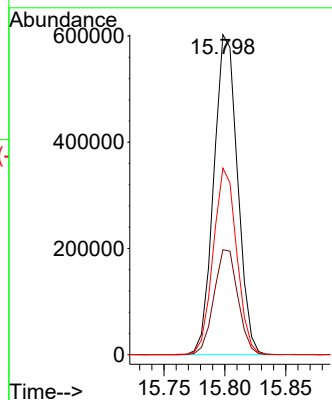
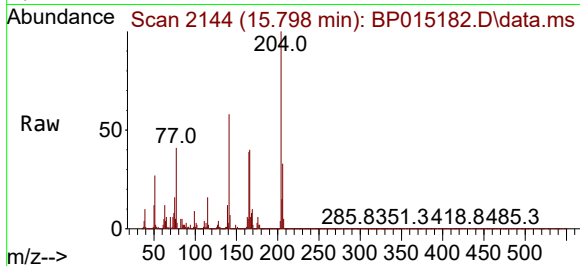




#62
4-Chlorophenyl-phenylether
Concen: 35.783 ng/ul
RT: 15.798 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

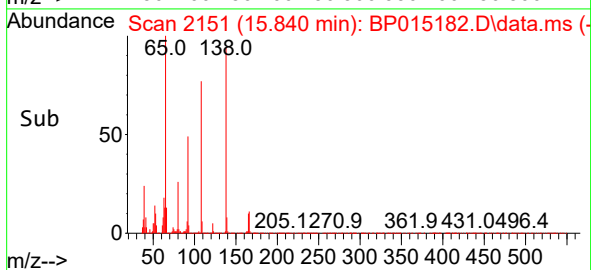
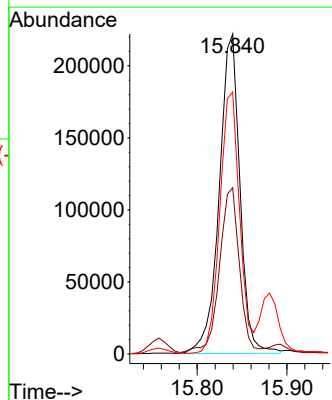
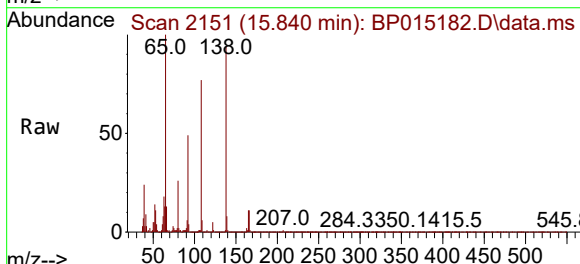
Instrument :
BNA_P
ClientSampleId :
JREM0MS

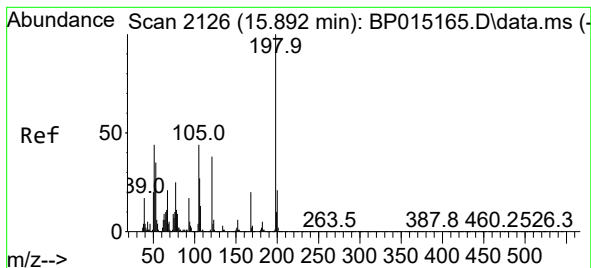
Tgt Ion:204 Resp: 818421
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 58.3 44.5 66.7



#63
4-Nitroaniline
Concen: 46.169 ng/ul
RT: 15.840 min Scan# 2151
Delta R.T. 0.006 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:138 Resp: 355904
Ion Ratio Lower Upper
138 100
92 51.9 41.2 61.8
108 81.9 60.1 90.1

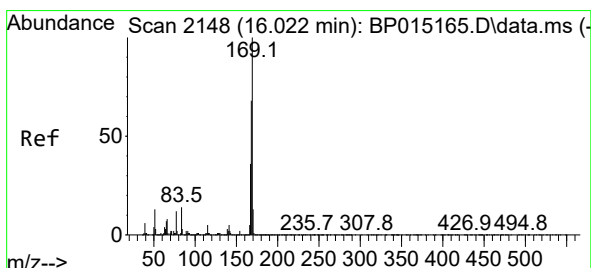
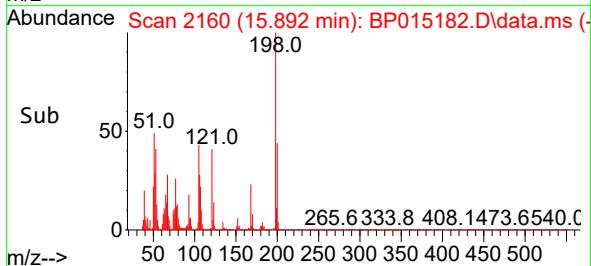
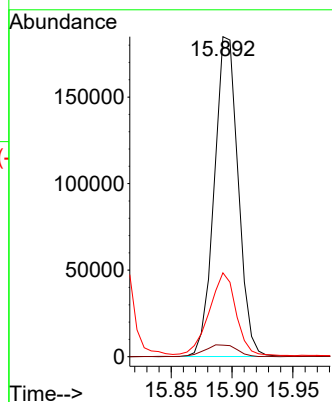
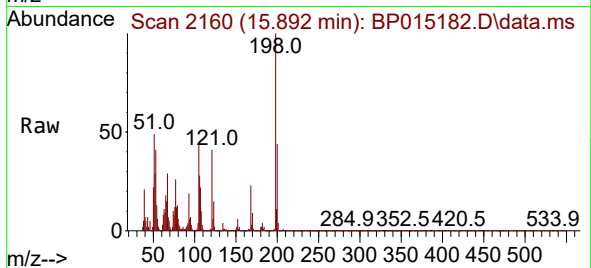




#66
4,6-Dinitro-2-methylphenol
Concen: 29.446 ng/ul
RT: 15.892 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

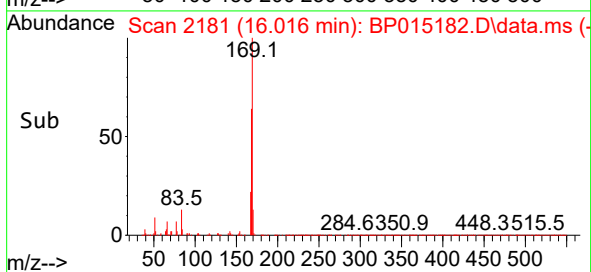
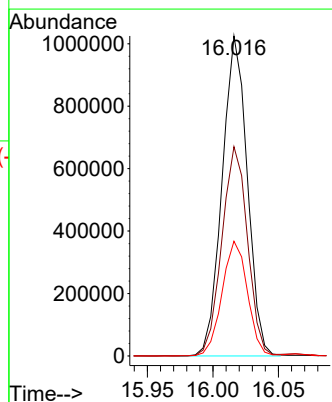
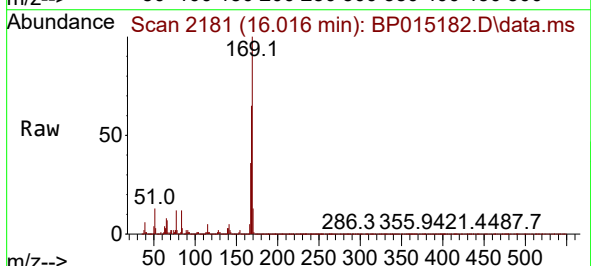
Instrument :
BNA_P
ClientSampleId :
JREM0MS

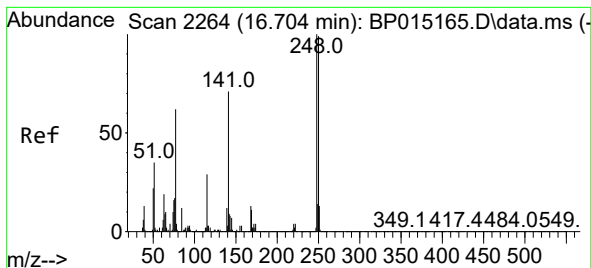
Tgt Ion:198 Resp: 252516
Ion Ratio Lower Upper
198 100
182 3.6 3.7 5.5#
77 26.2 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 35.196 ng/ul
RT: 16.016 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:169 Resp: 1364477
Ion Ratio Lower Upper
169 100
168 65.4 53.5 80.3
167 35.9 28.9 43.3

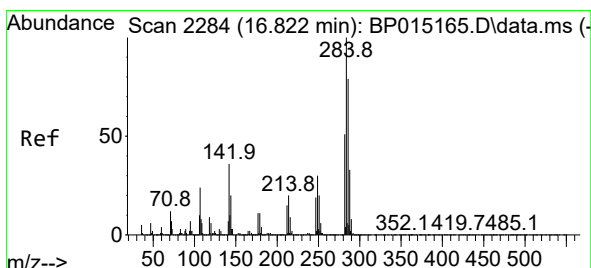
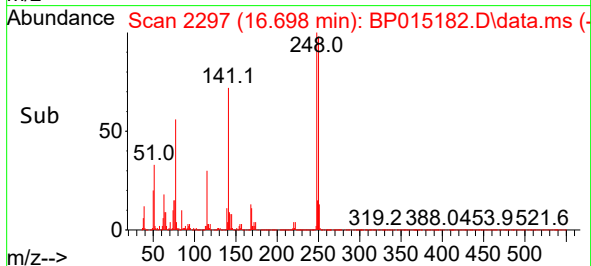
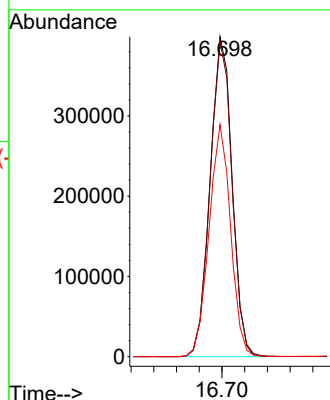
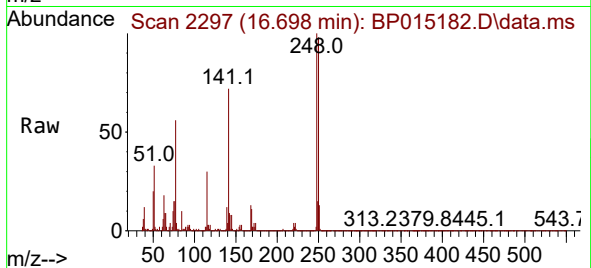




#68
4-Bromophenyl-phenylether
Concen: 39.501 ng/ul
RT: 16.698 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

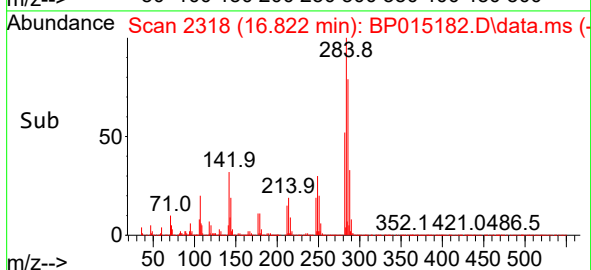
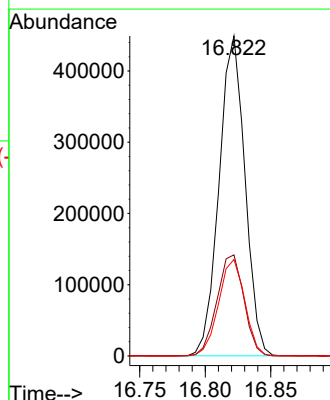
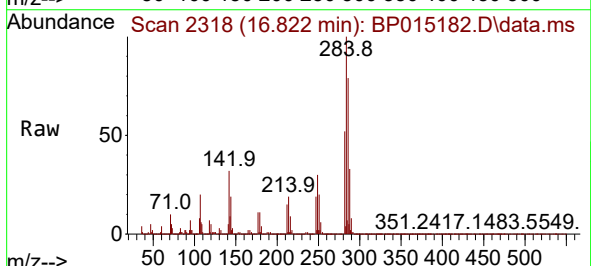
Instrument :
BNA_P
ClientSampleId :
JREM0MS

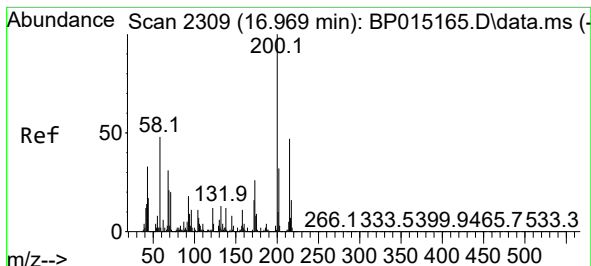
Tgt Ion:248 Resp: 536446
Ion Ratio Lower Upper
248 100
250 98.4 79.0 118.4
141 72.5 58.6 87.8



#69
Hexachlorobenzene
Concen: 38.422 ng/ul
RT: 16.822 min Scan# 2318
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:284 Resp: 616628
Ion Ratio Lower Upper
284 100
142 31.6 27.3 40.9
249 30.1 24.6 36.8





#70

Atrazine

Concen: 23.239 ng/ul

RT: 16.969 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Instrument :

BNA_P

ClientSampleId :

JREM0MS

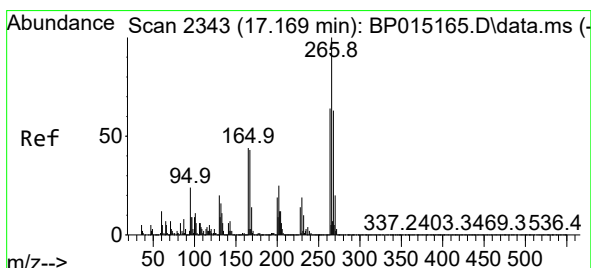
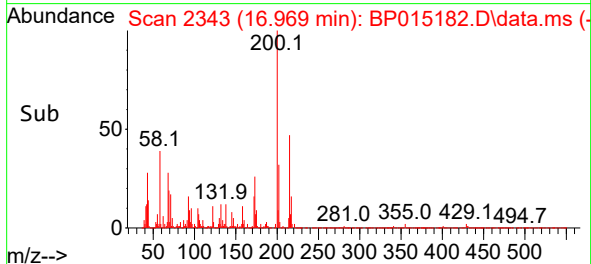
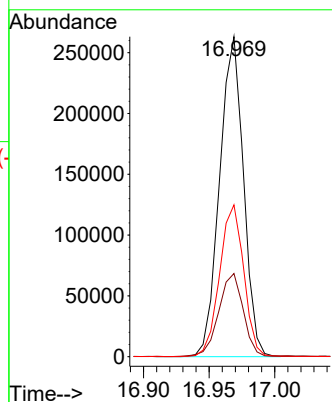
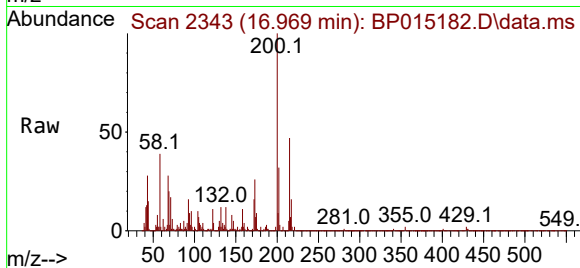
Tgt Ion:200 Resp: 333010

Ion Ratio Lower Upper

200 100

173 26.0 21.4 32.2

215 47.4 38.1 57.1



#71

Pentachlorophenol

Concen: 30.870 ng/ul

RT: 17.169 min Scan# 2377

Delta R.T. 0.006 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

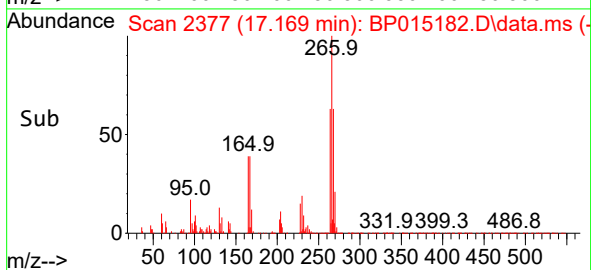
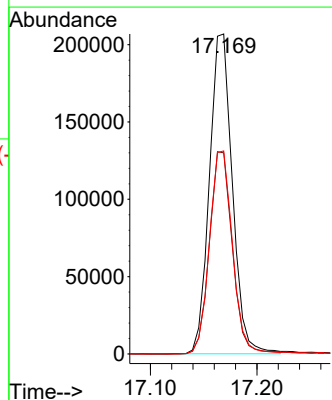
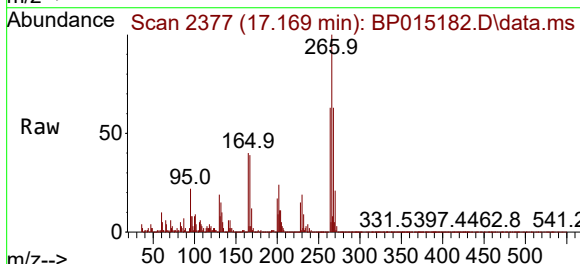
Tgt Ion:266 Resp: 309891

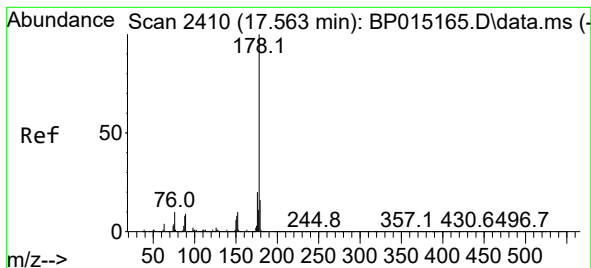
Ion Ratio Lower Upper

266 100

264 62.8 51.0 76.4

268 63.4 51.8 77.6





#72

Phenanthrene

Concen: 34.238 ng/ul

RT: 17.563 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Instrument :

BNA_P

ClientSampleId :

JREM0MS

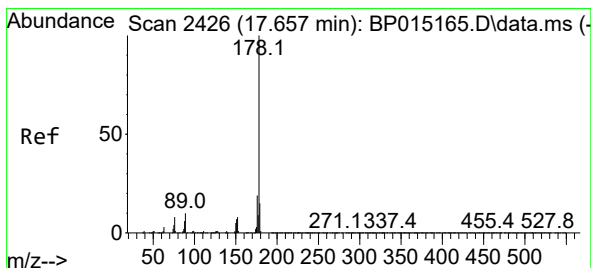
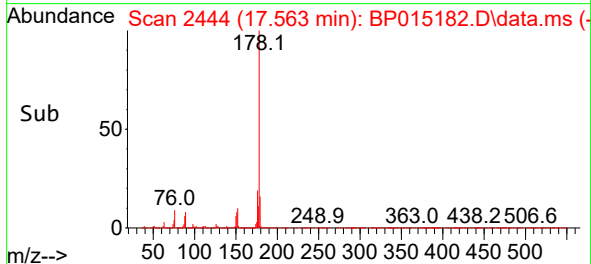
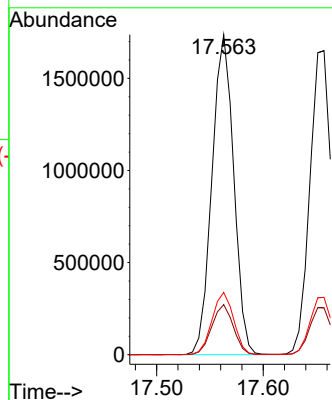
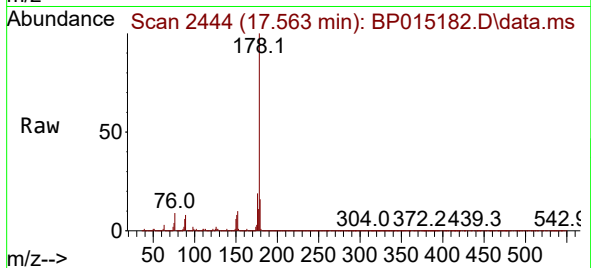
Tgt Ion:178 Resp: 2458177

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

176 19.4 15.6 23.4



#74

Anthracene

Concen: 32.249 ng/ul

RT: 17.657 min Scan# 2460

Delta R.T. 0.000 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

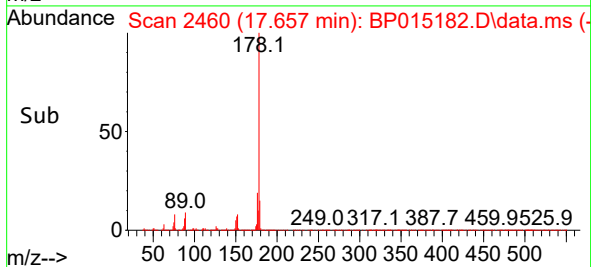
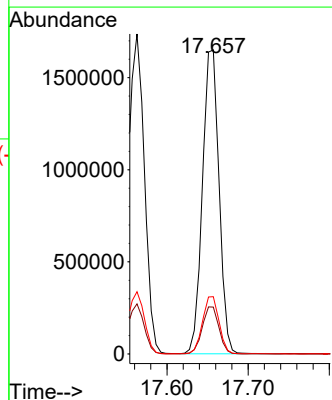
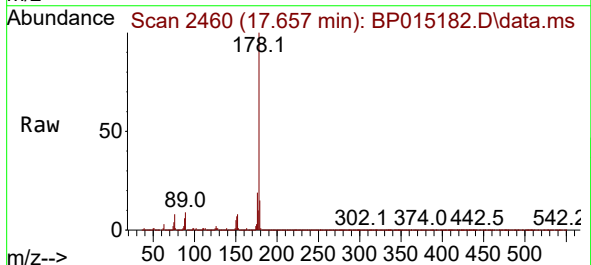
Tgt Ion:178 Resp: 2341276

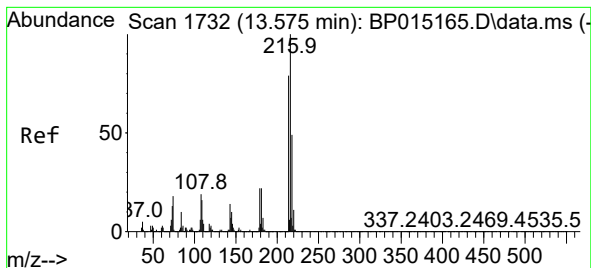
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.8 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 38.627 ng/uL

RT: 13.569 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Instrument :

BNA_P

ClientSampleId :

JREM0MS

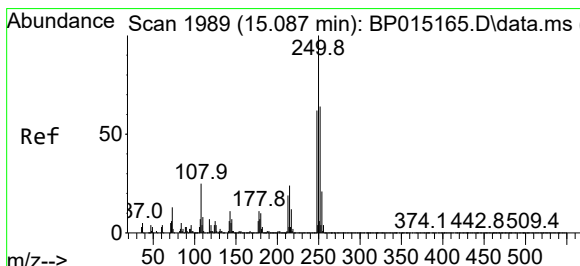
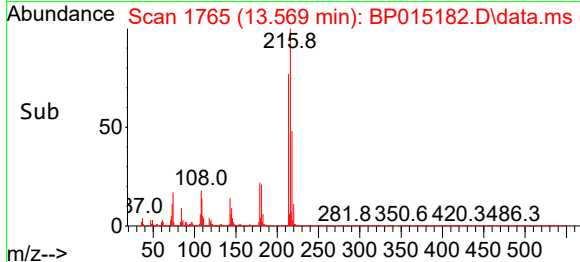
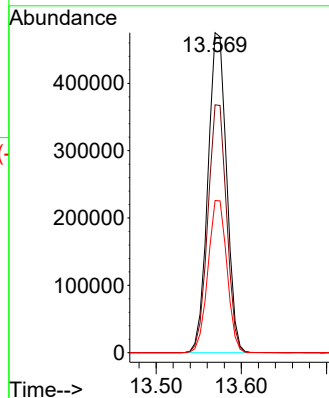
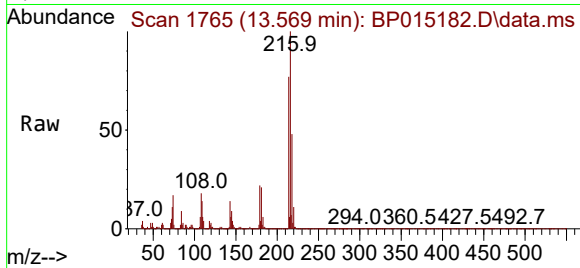
Tgt Ion:216 Resp: 722091

Ion Ratio Lower Upper

216 100

214 77.5 62.2 93.4

218 47.6 38.2 57.2



#76

Pentachlorobenzene

Concen: 38.411 ng/uL

RT: 15.087 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

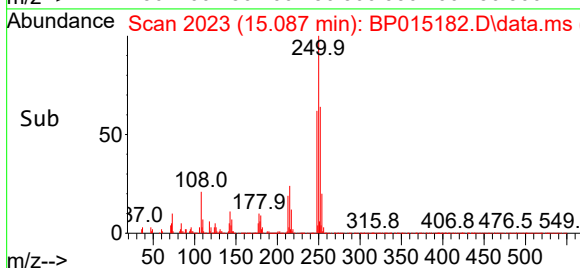
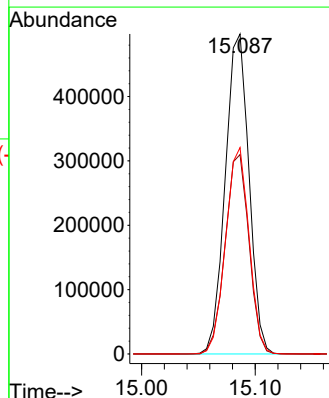
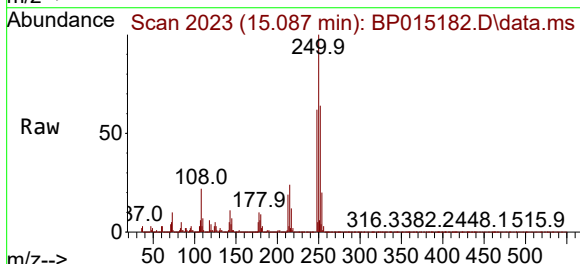
Tgt Ion:250 Resp: 720977

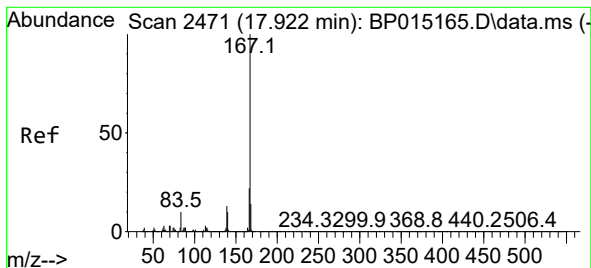
Ion Ratio Lower Upper

250 100

248 62.3 49.8 74.6

252 64.5 51.6 77.4





#77

Carbazole

Concen: 33.429 ng/ul

RT: 17.922 min Scan# 2128

Delta R.T. 0.006 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Instrument :

BNA_P

ClientSampleId :

JREM0MS

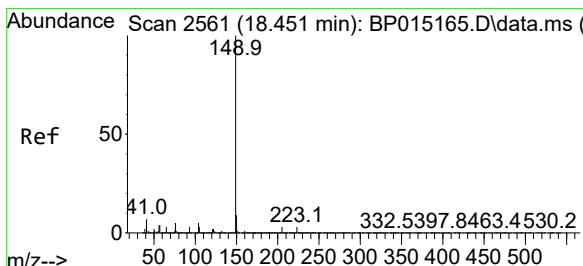
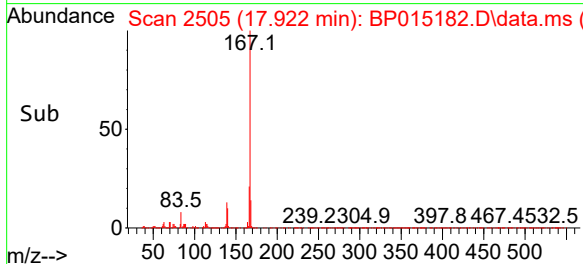
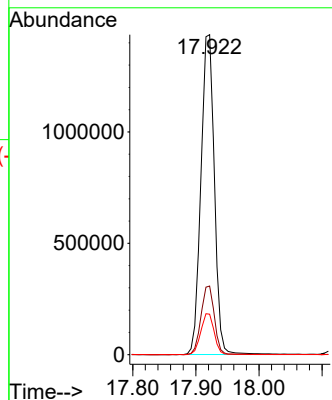
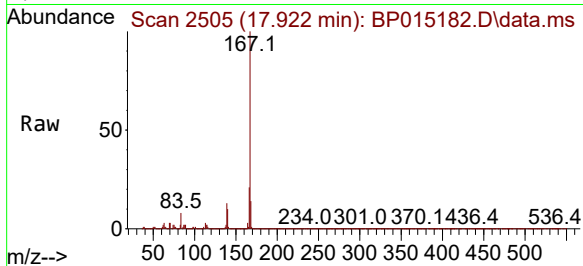
Tgt Ion:167 Resp: 2128193

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

139 12.6 10.2 15.4



#78

Di-n-butylphthalate

Concen: 35.191 ng/ul

RT: 18.451 min Scan# 2595

Delta R.T. 0.000 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

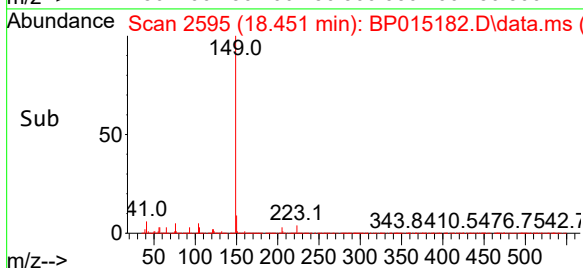
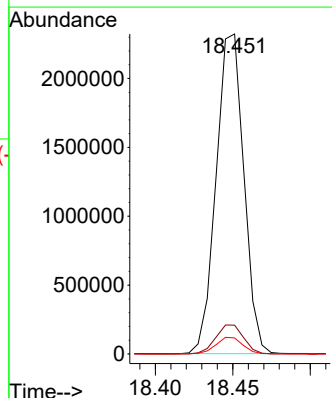
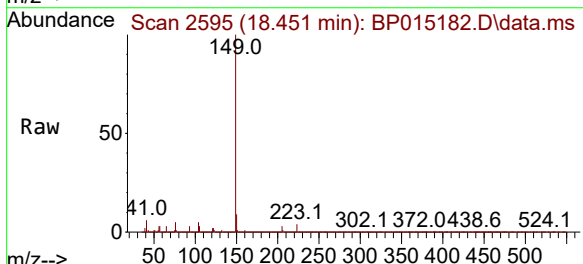
Tgt Ion:149 Resp: 2885036

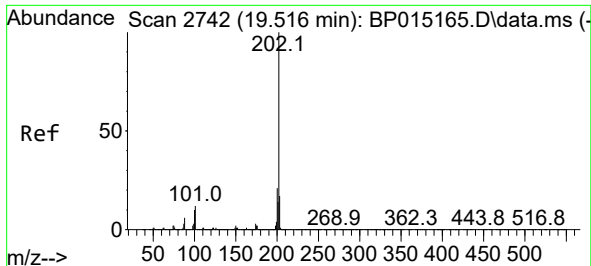
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.0 3.9 5.9

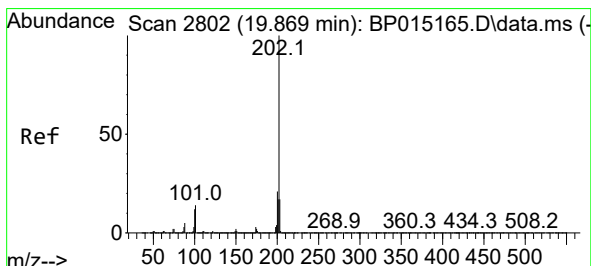
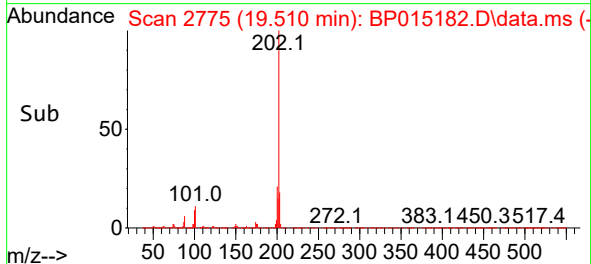
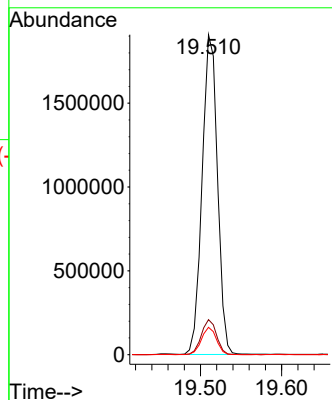
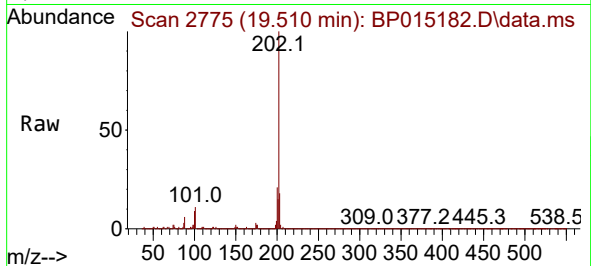




#80
Fluoranthene
Concen: 44.453 ng/ul
RT: 19.510 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

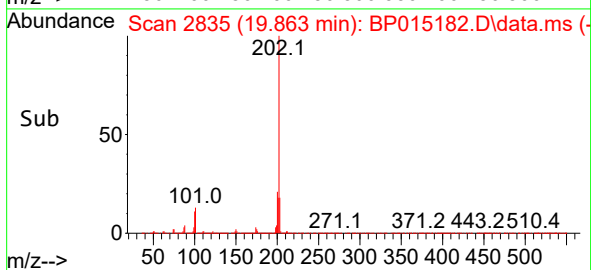
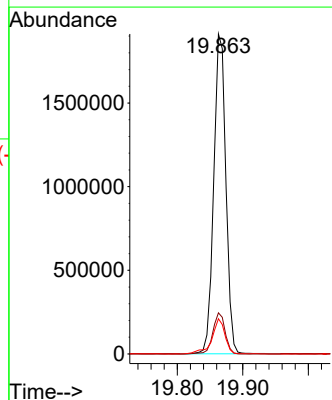
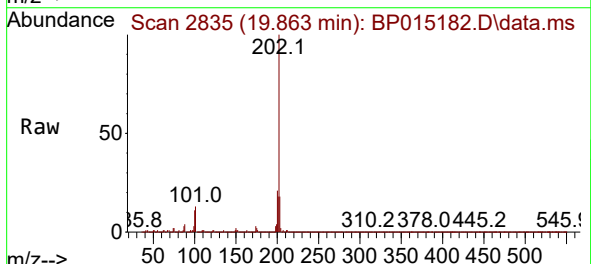
Instrument :
BNA_P
ClientSampleId :
JREM0MS

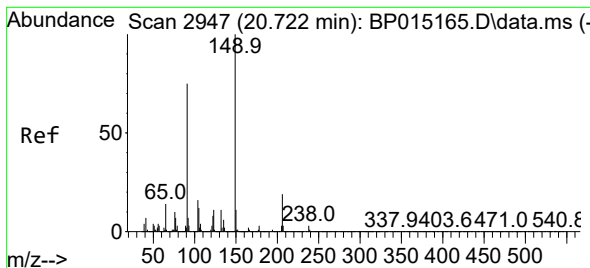
Tgt Ion:202 Resp: 2505760
Ion Ratio Lower Upper
202 100
101 10.9 9.5 14.3
100 8.6 7.3 10.9



#82
Pyrene
Concen: 42.148 ng/ul
RT: 19.863 min Scan# 2835
Delta R.T. -0.006 min
Lab File: BP015182.D
Acq: 19 May 2023 20:24

Tgt Ion:202 Resp: 2453464
Ion Ratio Lower Upper
202 100
101 12.9 11.2 16.8
100 11.0 9.0 13.6





#83

Butylbenzylphthalate

Concen: 40.675 ng/ul

RT: 20.716 min Scan# 2947

Delta R.T. -0.006 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Instrument :

BNA_P

ClientSampleId :

JREM0MS

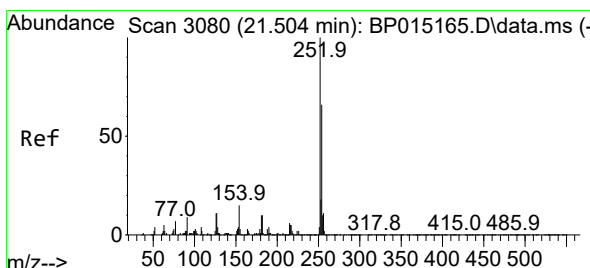
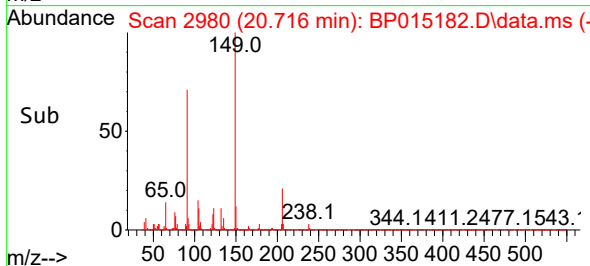
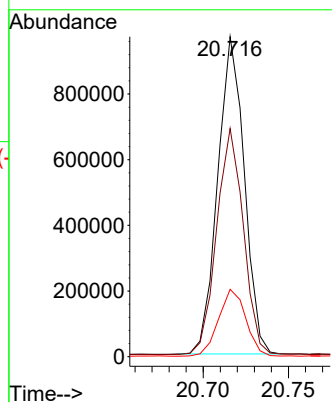
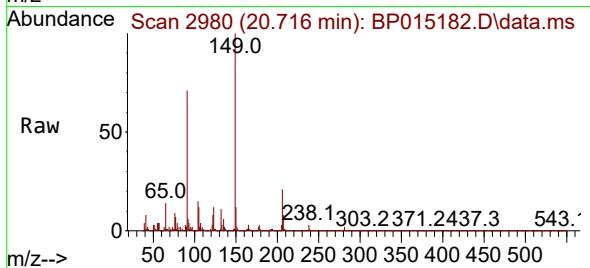
Tgt Ion:149 Resp: 1049649

Ion Ratio Lower Upper

149 100

91 71.3 57.4 86.2

206 21.1 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 23.694 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

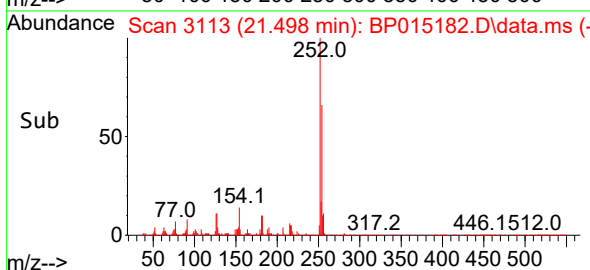
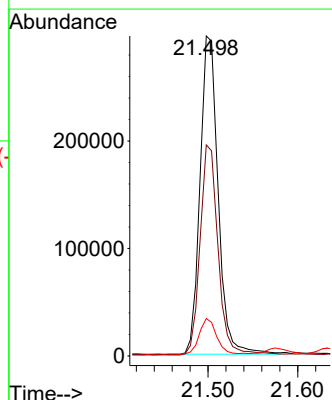
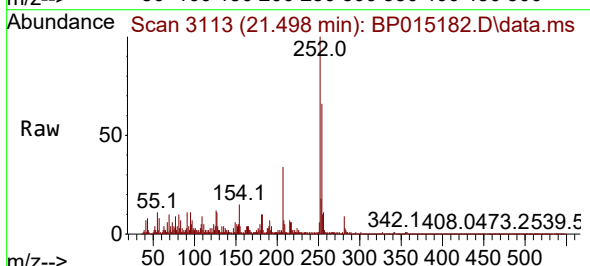
Tgt Ion:252 Resp: 414942

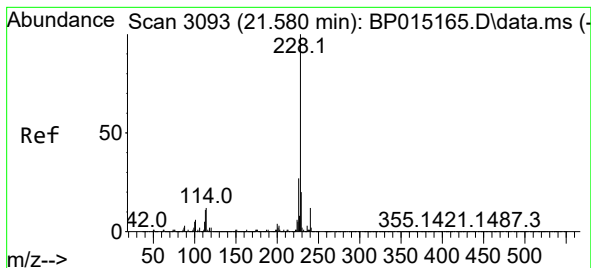
Ion Ratio Lower Upper

252 100

254 66.0 50.8 76.2

126 11.7 9.8 14.8





#85

Benzo(a)anthracene

Concen: 35.352 ng/ul

RT: 21.580 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Instrument :

BNA_P

ClientSampleId :

JREM0MS

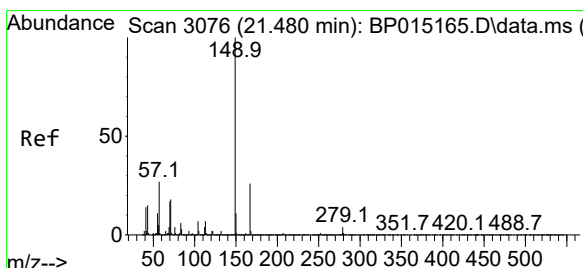
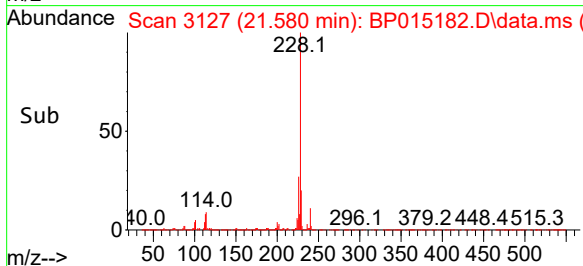
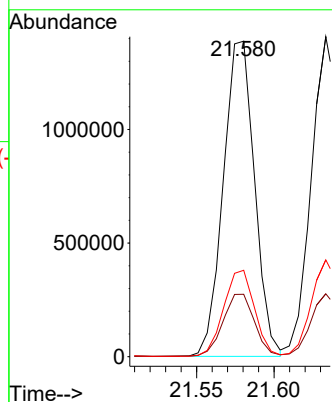
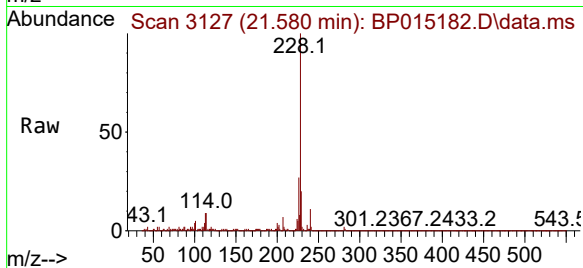
Tgt Ion:228 Resp: 1949162

Ion Ratio Lower Upper

228 100

229 19.8 16.1 24.1

226 27.4 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.921 ng/ul

RT: 21.475 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

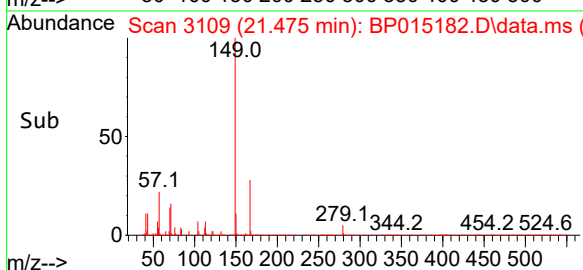
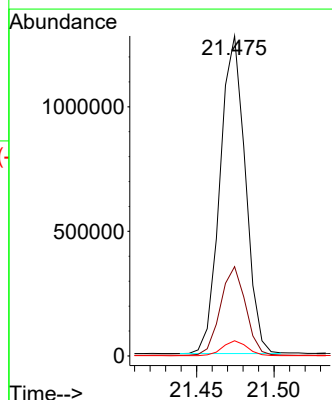
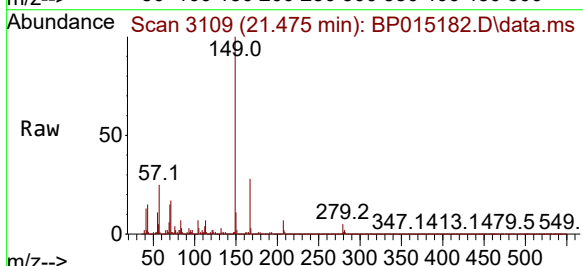
Tgt Ion:149 Resp: 1446001

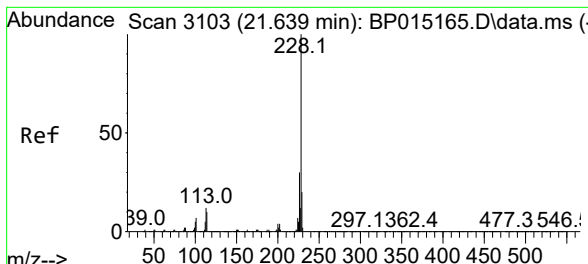
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

279 4.7 3.2 4.8



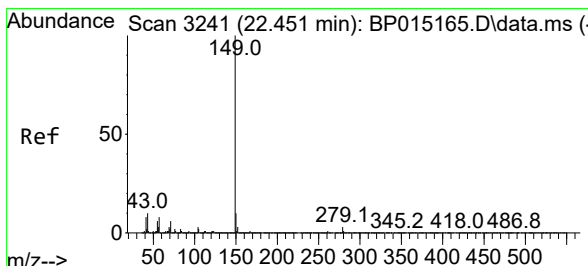
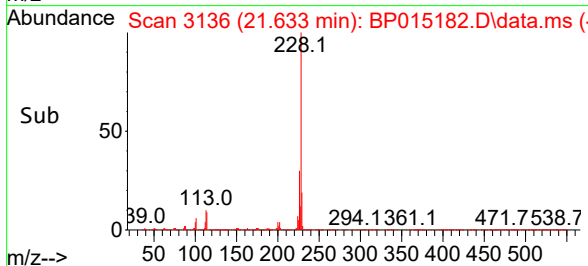
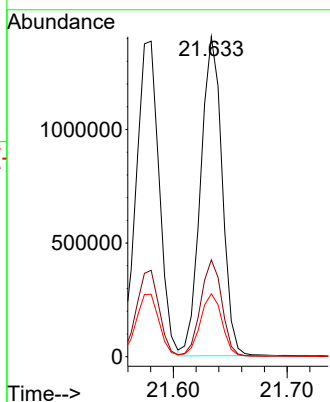
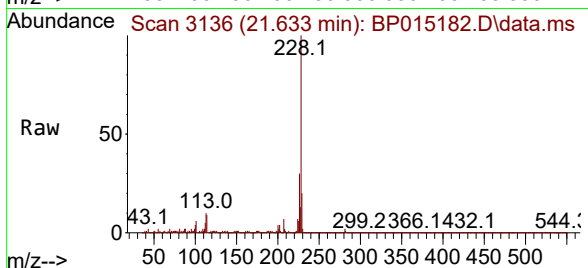


#87
 Chrysene
 Concen: 35.043 ng/ul
 RT: 21.633 min Scan# 3103
 Delta R.T. 0.000 min
 Lab File: BP015182.D
 Acq: 19 May 2023 20:24

Instrument :
 BNA_P
 ClientSampleId :
 JREM0MS

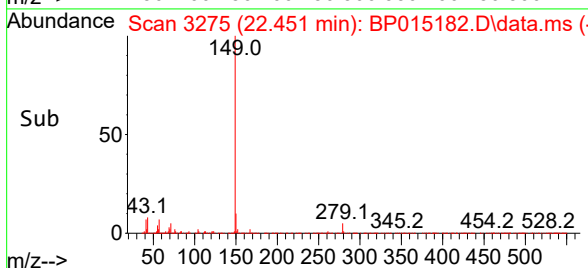
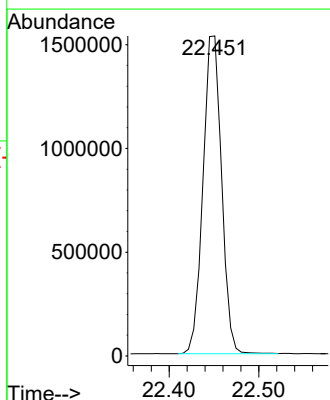
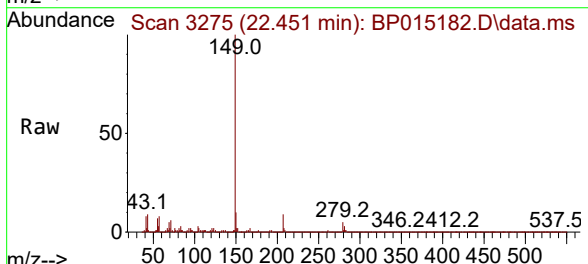
Tgt Ion:228 Resp: 1846969

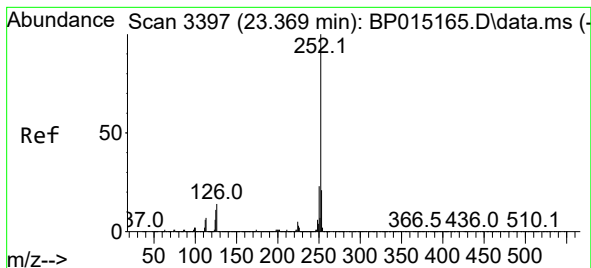
Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.6	16.1	24.1



#89
 Di-n-octyl phthalate
 Concen: 34.566 ng/ul
 RT: 22.451 min Scan# 3275
 Delta R.T. 0.000 min
 Lab File: BP015182.D
 Acq: 19 May 2023 20:24

Tgt Ion:149 Resp: 2200850





#90

Benzo(b)fluoranthene

Concen: 34.440 ng/ul

RT: 23.369 min Scan# 3400

Delta R.T. 0.000 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Instrument :

BNA_P

ClientSampleId :

JREM0MS

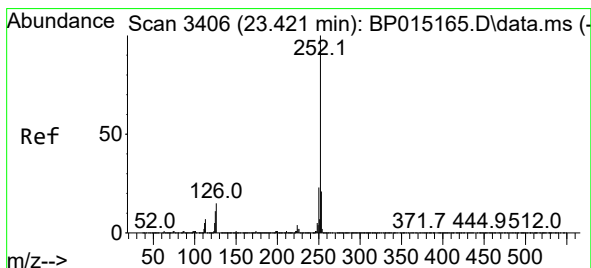
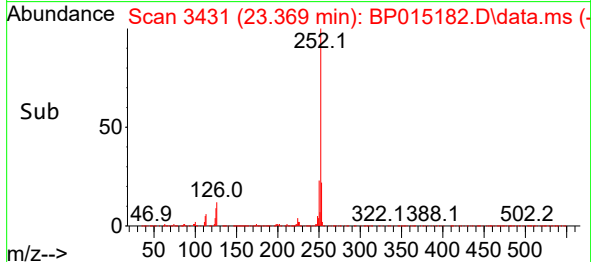
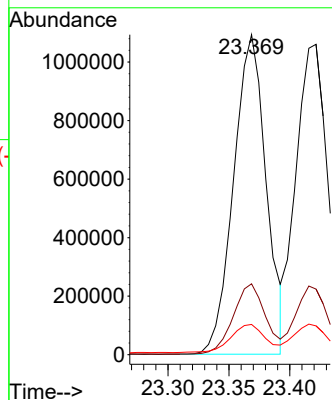
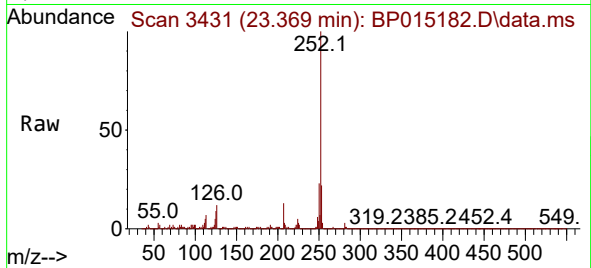
Tgt Ion:252 Resp: 2029754

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 9.5 8.3 12.5



#91

Benzo(k)fluoranthene

Concen: 34.307 ng/ul

RT: 23.421 min Scan# 3440

Delta R.T. 0.000 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

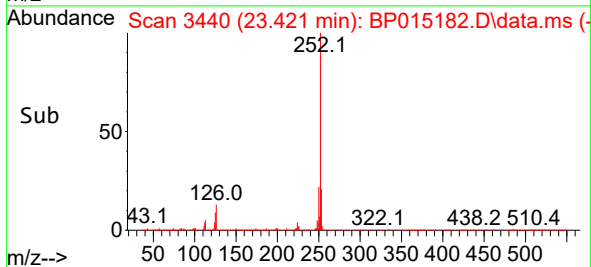
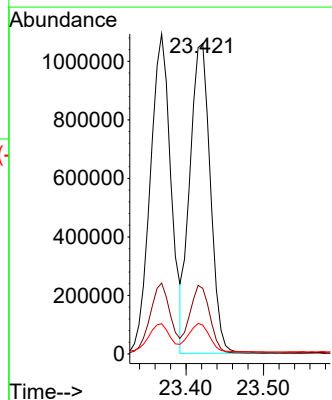
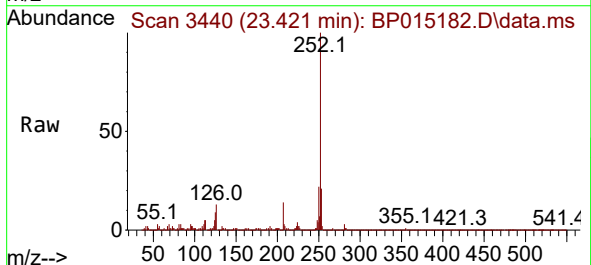
Tgt Ion:252 Resp: 1941488

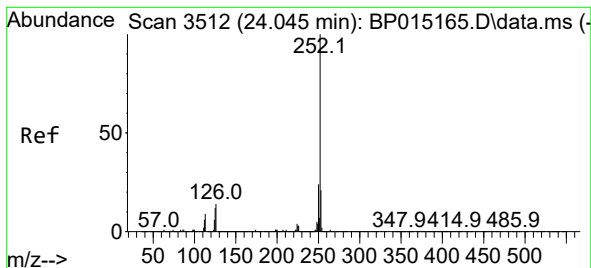
Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

125 9.3 8.5 12.7





#93

Benzo(a)pyrene

Concen: 34.141 ng/ul

RT: 24.045 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Instrument :

BNA_P

ClientSampleId :

JREM0MS

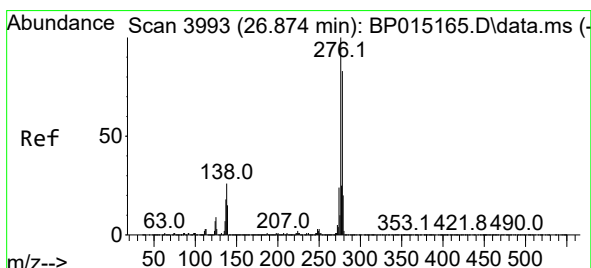
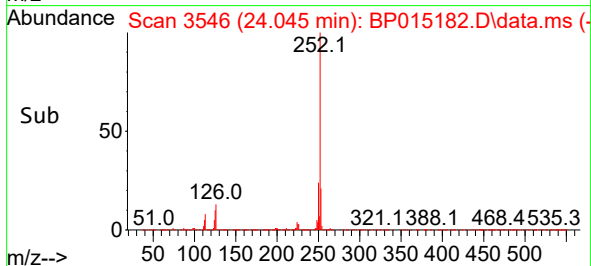
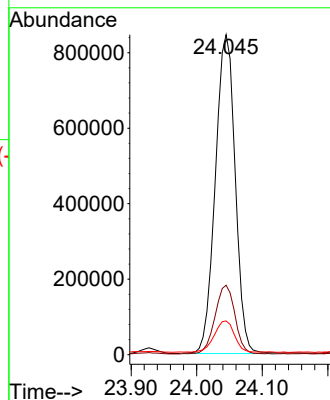
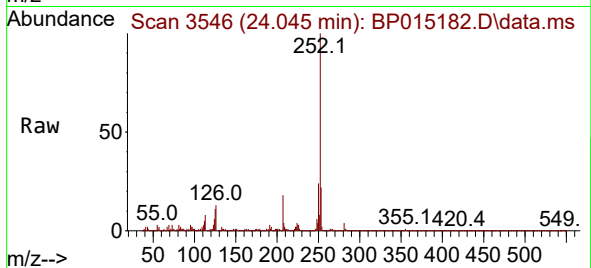
Tgt Ion:252 Resp: 1778528

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 10.6 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.664 ng/ul

RT: 26.874 min Scan# 4027

Delta R.T. 0.006 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

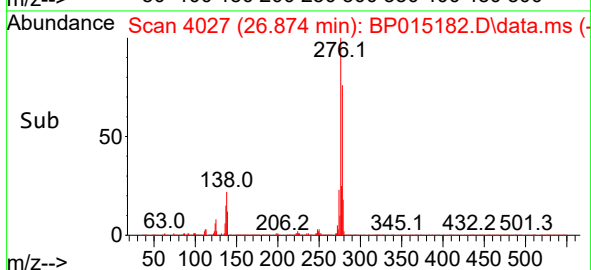
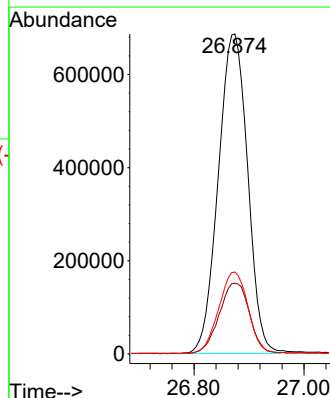
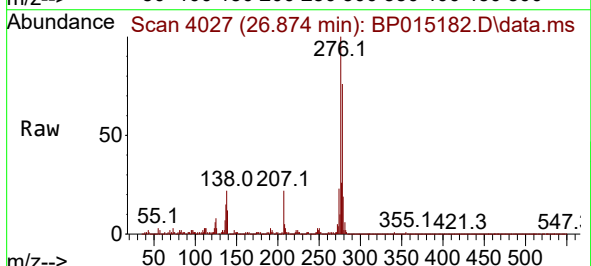
Tgt Ion:276 Resp: 2540476

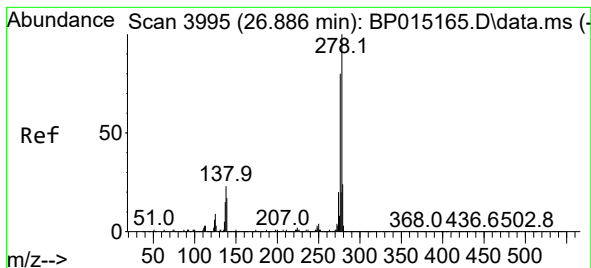
Ion Ratio Lower Upper

276 100

138 22.1 20.1 30.1

277 25.6 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 37.771 ng/ul

RT: 26.892 min Scan# 4030

Delta R.T. 0.006 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Instrument :

BNA_P

ClientSampleId :

JREM0MS

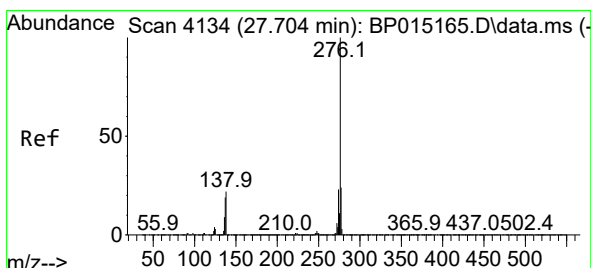
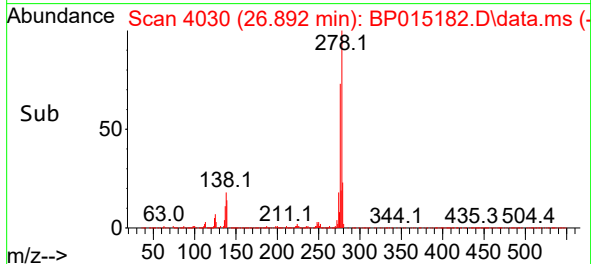
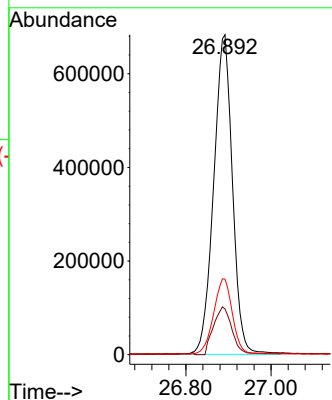
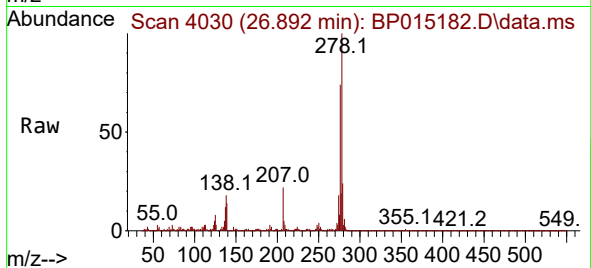
Tgt Ion:278 Resp: 2091405

Ion Ratio Lower Upper

278 100

139 14.3 13.3 19.9

279 23.6 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 35.784 ng/ul

RT: 27.709 min Scan# 4169

Delta R.T. 0.006 min

Lab File: BP015182.D

Acq: 19 May 2023 20:24

Tgt Ion:276 Resp: 1968262

Ion Ratio Lower Upper

276 100

138 19.4 17.7 26.5

277 23.5 18.8 28.2

