

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP015170.D
 Acq On : 19 May 2023 13:40
 Operator : CG/JU
 Sample : 02664-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREA0MSD

Quant Time: May 19 22:10:28 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	276371	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1235372	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	803208	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1490843	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1325943	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1394307	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	13710	1.927	ng/uL	0.00
4) Pyridine-d5	3.887	84	32215	1.598	ng/u1	0.02
7) Phenol-d5	7.275	99	324815	12.658	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	205767	13.884	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	254371	13.482	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	247411	12.100	ng/u1	0.00
21) Nitrobenzene-d5	9.304	128	129737	13.365	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	144501	13.378	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	275589	14.139	ng/u1	0.00
31) 4-Chloroaniline-d4	11.092	131	328911	11.405	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	968303	15.954	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1063983	15.327	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	176748	14.997	ng/u1	0.00
60) Fluorene-d10	15.757	176	715656	13.974	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	133553	14.215	ng/u1	0.00
73) Anthracene-d10	17.616	188	1172446	17.175	ng/u1	0.00
81) Pyrene-d10	19.833	212	1469652	19.111	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1318544	19.050	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	37904	4.959	ng/uL	99
5) Pyridine	3.905	79	70113	3.344	ng/u1	97
6) Benzaldehyde	7.257	77	213681	30.296	ng/u1	97
8) Phenol	7.299	94	449457	17.081	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.540	93	340182	16.159	ng/u1	98
12) 2-Chlorophenol	7.681	128	319086	15.989	ng/u1	97
13) 2-Methylphenol	8.569	108	296419	14.576	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.663	45	461501	17.498	ng/u1	98
16) Acetophenone	8.957	105	678922	21.274	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.940	70	278854	16.661	ng/u1	97
18) 4-Methylphenol	8.898	108	353820	15.807	ng/u1	99
19) Hexachloroethane	9.216	117	123823	15.196	ng/u1	98
22) Nitrobenzene	9.346	77	398482	16.620	ng/u1	98
23) Isophorone	9.869	82	818608	16.611	ng/u1	100
25) 2-Nitrophenol	10.063	139	191085	16.133	ng/u1	96
26) 2,4-Dimethylphenol	10.116	107	156733	6.631	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.351	93	517279	17.252	ng/u1	98
29) 2,4-Dichlorophenol	10.598	162	327510	16.635	ng/u1	99
30) Naphthalene	11.004	128	1185821	17.656	ng/u1	99
32) 4-Chloroaniline	11.116	127	368702	12.440	ng/u1	98
33) Hexachlorobutadiene	11.287	225	203358	17.138	ng/u1	100
34) Caprolactam	11.887	113	127459	17.172	ng/u1	87
35) 4-Chloro-3-methylphenol	12.222	107	404210	18.183	ng/u1	99
36) 2-Methylnaphthalene	12.604	142	771919	17.058	ng/u1	99

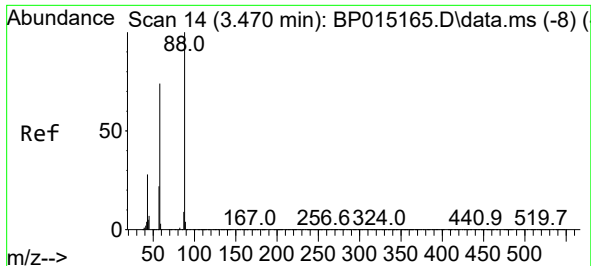
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.822	142	804649	17.706	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.963	216	417775	17.391	ng/ul	97
40) Hexachlorocyclopentadiene	12.939	237	149959	9.635	ng/ul	97
41) 2,4,6-Trichlorophenol	13.204	196	282714	16.667	ng/ul	96
42) 2,4,5-Trichlorophenol	13.275	196	329105	17.894	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	1117648	17.934	ng/ul	97
44) 2-Chloronaphthalene	13.645	162	868141	17.838	ng/ul	99
45) 2-Nitroaniline	13.845	65	267607	19.218	ng/ul	87
47) Dimethylphthalate	14.216	163	1153808	18.253	ng/ul	99
48) 2,6-Dinitrotoluene	14.339	165	219888	17.559	ng/ul	98
50) Acenaphthylene	14.486	152	1402643	18.109	ng/ul	99
51) 3-Nitroaniline	14.669	138	237033	21.020	ng/ul	99
52) Acenaphthene	14.828	153	915142	17.299	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	118599	14.264	ng/ul	96
55) 4-Nitrophenol	14.963	109	171717	19.809	ng/ul	96
56) Dibenzofuran	15.163	168	1280030	17.396	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	338485	18.679	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.386	232	263901	17.002	ng/ul	96
59) Diethylphthalate	15.575	149	1055838	16.747	ng/ul	99
61) Fluorene	15.810	166	936700	15.841	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.798	204	457174	15.824	ng/ul	96
63) 4-Nitroaniline	15.828	138	215669	22.148	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.886	198	176354	18.187	ng/ul	97
67) N-Nitrosodiphenylamine	16.016	169	844526	19.265	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	300912	19.596	ng/ul	98
69) Hexachlorobenzene	16.816	284	370843	20.436	ng/ul	98
70) Atrazine	16.963	200	202531	12.500	ng/ul	99
71) Pentachlorophenol	17.163	266	260265	22.929	ng/ul	98
72) Phenanthrene	17.557	178	1654667	20.382	ng/ul	100
74) Anthracene	17.651	178	1615298	19.677	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.569	216	431440	20.411	ng/ul	99
76) Pentachlorobenzene	15.081	250	427504	20.142	ng/ul	100
77) Carbazole	17.916	167	1556612	21.624	ng/ul	99
78) Di-n-butylphthalate	18.445	149	1975768	21.313	ng/ul	100
80) Fluoranthene	19.510	202	2127930	22.702	ng/ul	100
82) Pyrene	19.863	202	2209644	22.828	ng/ul	100
83) Butylbenzylphthalate	20.716	149	912858	21.273	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	466016	16.003	ng/ul	99
85) Benzo(a)anthracene	21.574	228	2056131	22.427	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	1339766	21.687	ng/ul	99
87) Chrysene	21.633	228	2021027	23.060	ng/ul	98
89) Di-n-octyl phthalate	22.451	149	2170017	22.724	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	2152855	24.356	ng/ul	99
91) Benzo(k)fluoranthene	23.415	252	2019814	23.797	ng/ul	99
93) Benzo(a)pyrene	24.039	252	1681084	21.517	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.856	276	1948616	19.262	ng/ul	98
95) Dibenzo(a,h)anthracene	26.874	278	1563573	18.828	ng/ul	100
96) Benzo(g,h,i)perylene	27.692	276	1547583	18.760	ng/ul	99

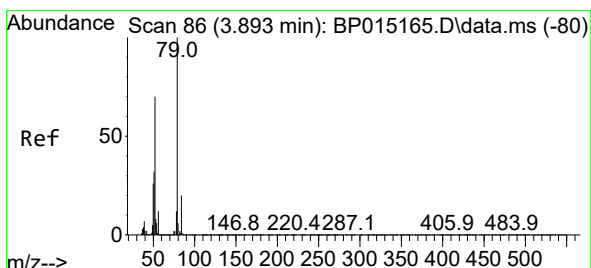
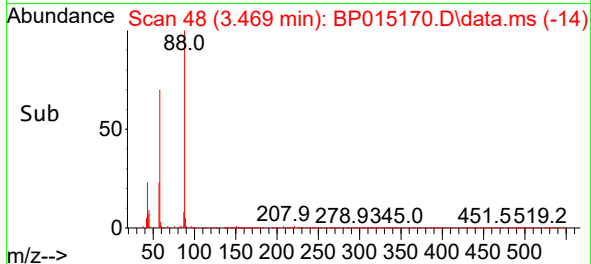
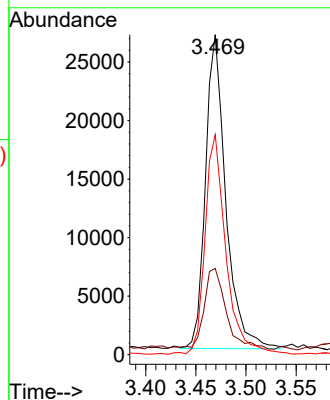
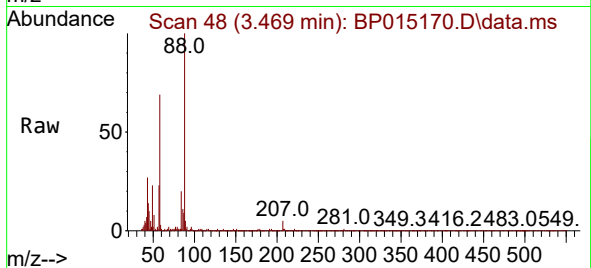
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#2
1,4-Dioxane
Concen: 4.959 ng/uL
RT: 3.469 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

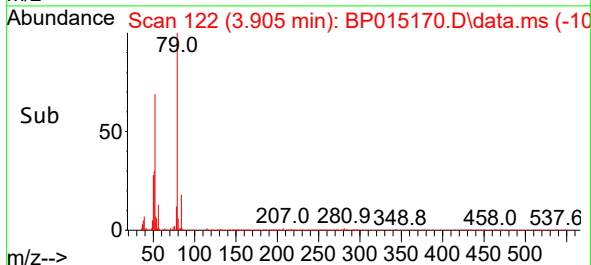
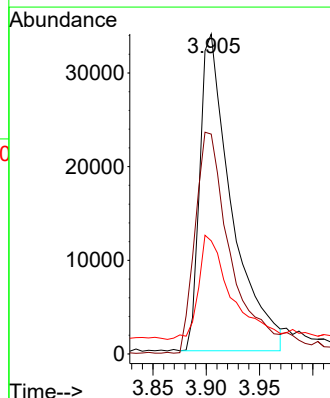
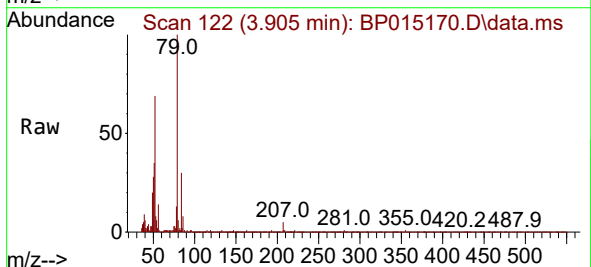
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ClientSampleId :
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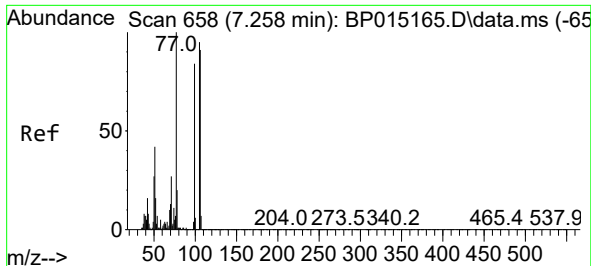
Tgt Ion: 88	Resp: 37904
Ion Ratio	Lower Upper
88 100	
43 26.9	20.4 30.6
58 68.7	55.4 83.2



#5
Pyridine
Concen: 3.344 ng/uL
RT: 3.905 min Scan# 122
Delta R.T. 0.012 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion: 79	Resp: 70113
Ion Ratio	Lower Upper
79 100	
52 68.7	55.4 83.2
51 35.3	25.4 38.2

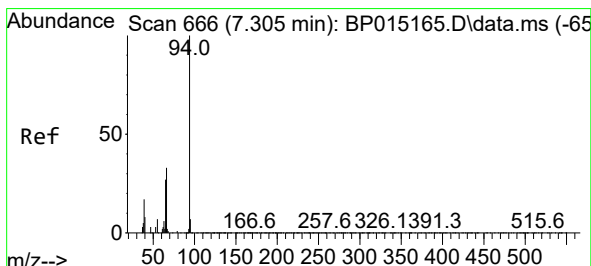
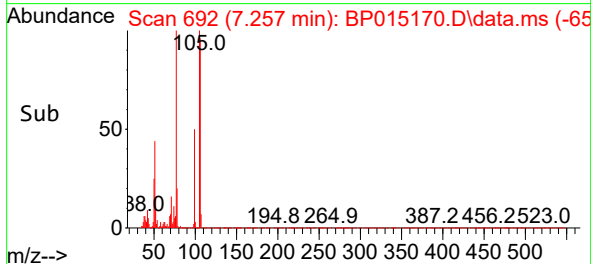
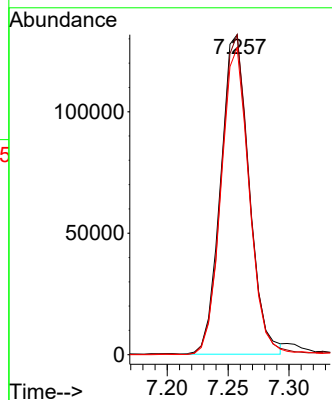
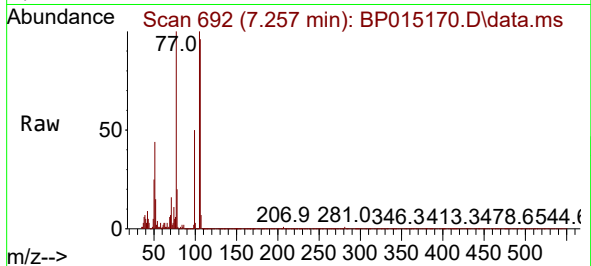




#6
Benzaldehyde
Concen: 30.296 ng/ul
RT: 7.257 min Scan# 692
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

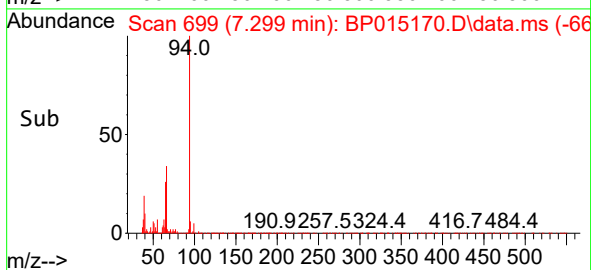
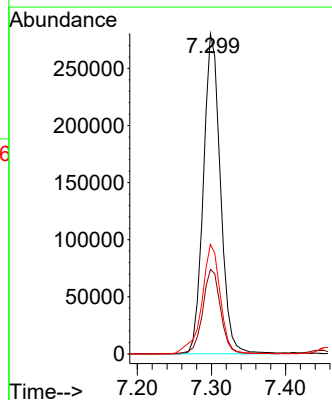
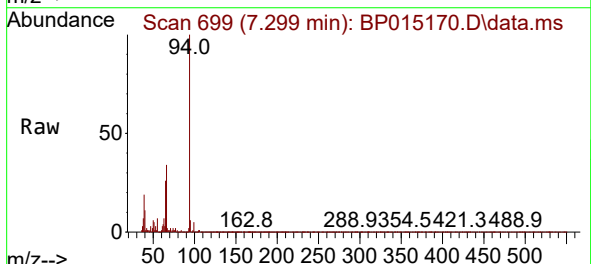
Instrument :
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ClientSampleId :
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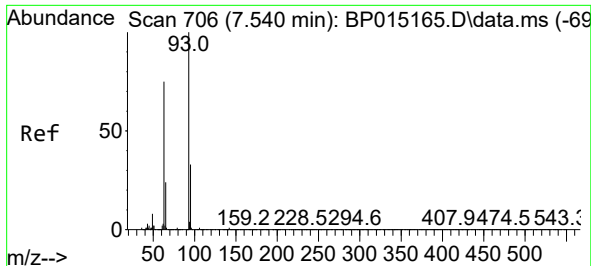
Tgt Ion: 77 Resp: 213681
Ion Ratio Lower Upper
77 100
105 100.0 76.9 115.3
106 95.9 75.0 112.6



#8
Phenol
Concen: 17.081 ng/ul
RT: 7.299 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion: 94 Resp: 449457
Ion Ratio Lower Upper
94 100
65 26.5 20.6 31.0
66 34.2 26.1 39.1

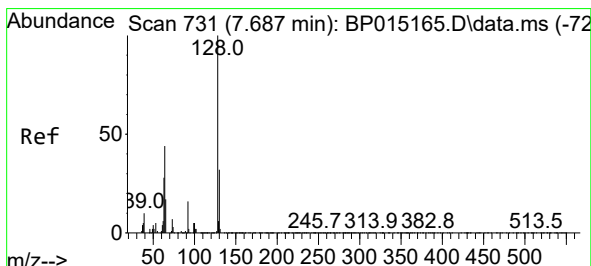
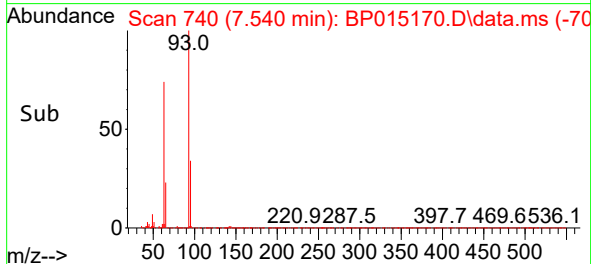
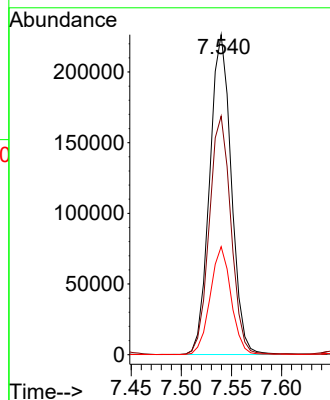
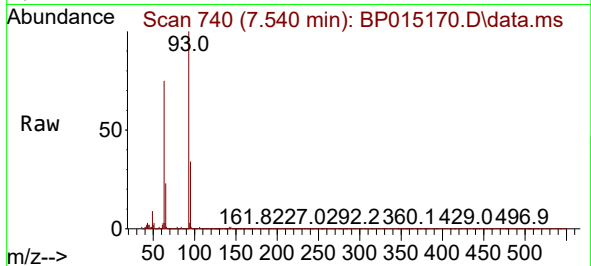




#10
Bis(2-Chloroethyl)ether
Concen: 16.159 ng/ul
RT: 7.540 min Scan# 740
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

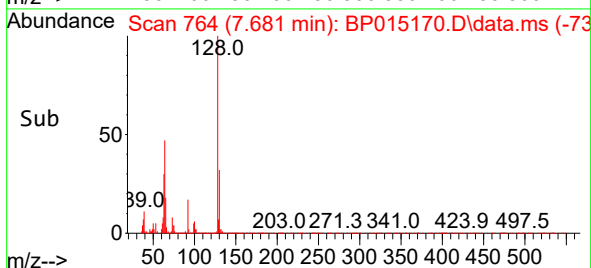
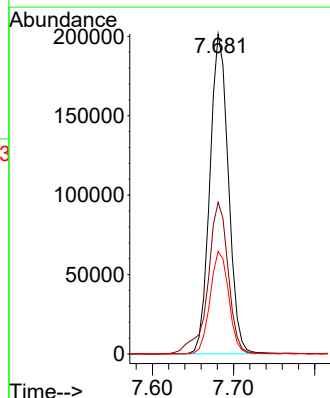
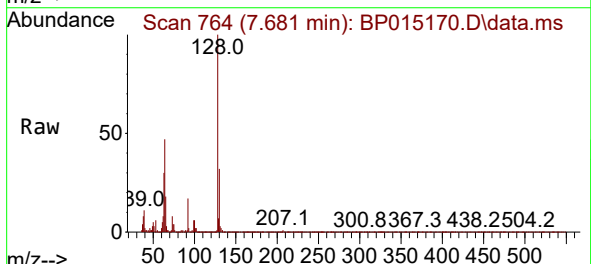
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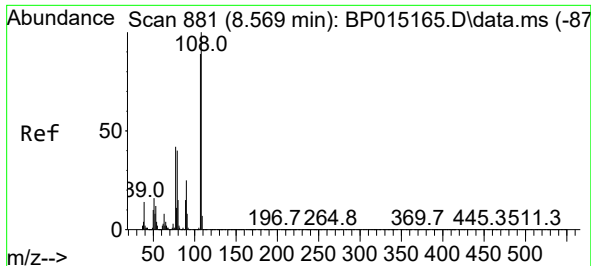
Tgt Ion: 93 Resp: 340182
Ion Ratio Lower Upper
93 100
63 74.5 58.0 87.0
95 33.7 26.4 39.6



#12
2-Chlorophenol
Concen: 15.989 ng/ul
RT: 7.681 min Scan# 764
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:128 Resp: 319086
Ion Ratio Lower Upper
128 100
64 47.4 36.2 54.2
130 32.0 26.3 39.5





#13

2-Methylphenol

Concen: 14.576 ng/ul

RT: 8.569 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

Instrument :

BNA_P

ClientSampleId :

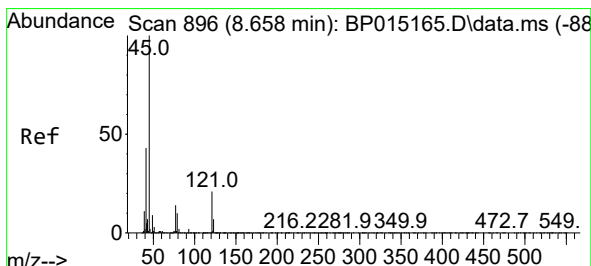
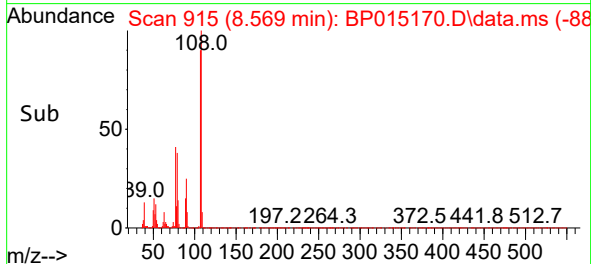
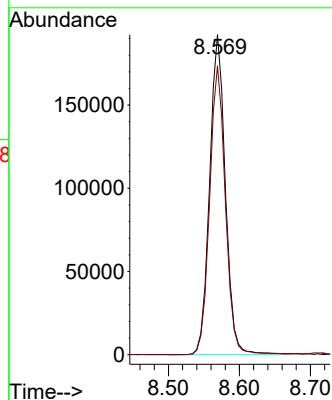
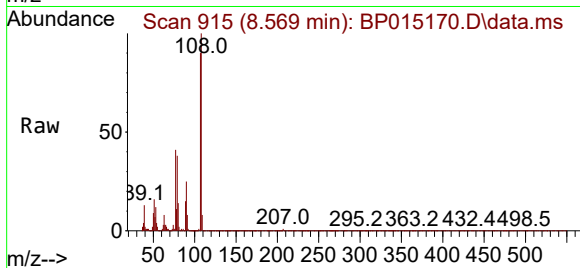
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Tgt Ion:108 Resp: 296419

Ion Ratio Lower Upper

108 100

107 90.2 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 17.498 ng/ul

RT: 8.663 min Scan# 931

Delta R.T. -0.000 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

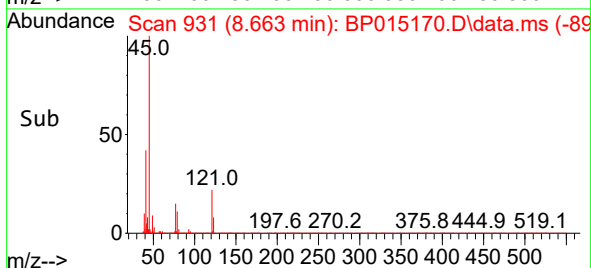
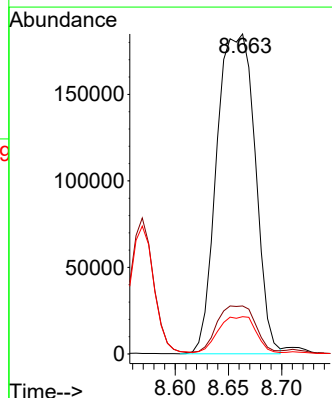
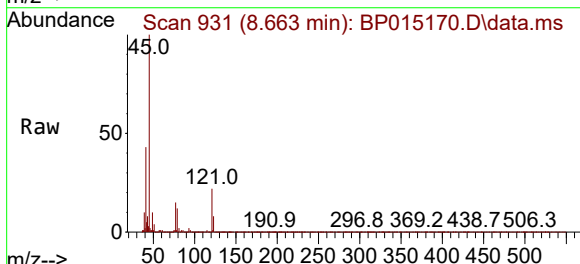
Tgt Ion: 45 Resp: 461501

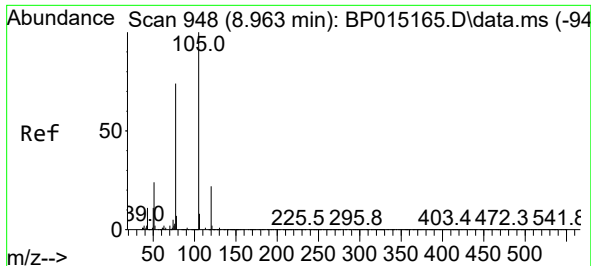
Ion Ratio Lower Upper

45 100

77 15.0 12.8 19.2

79 11.7 9.5 14.3

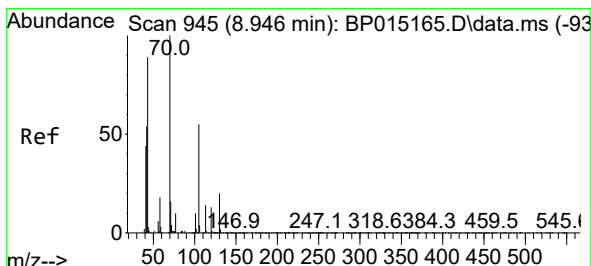
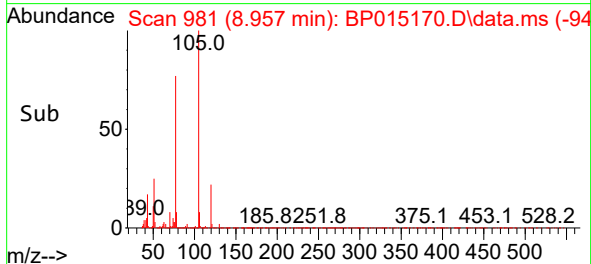
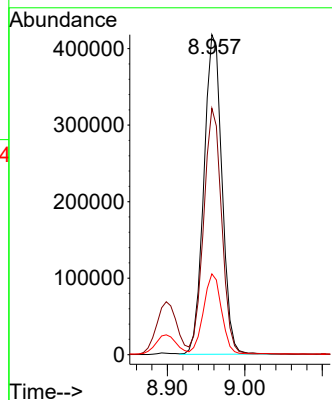
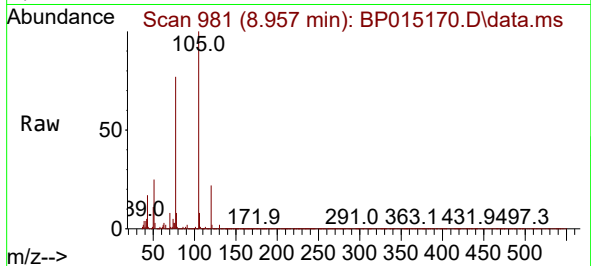




#16
Acetophenone
Concen: 21.274 ng/ul
RT: 8.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

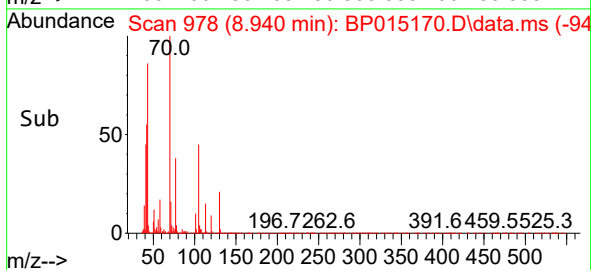
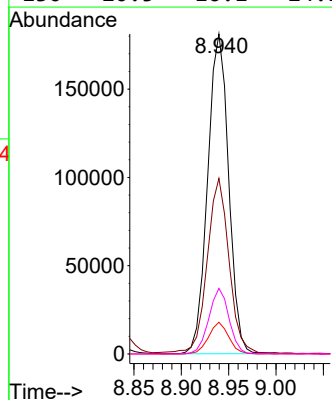
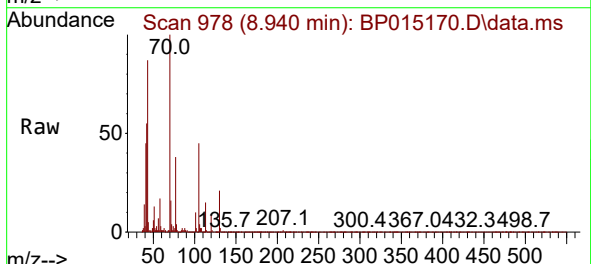
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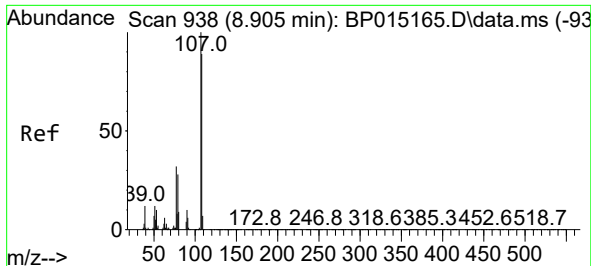
Tgt Ion:105 Resp: 678922
Ion Ratio Lower Upper
105 100
77 77.0 59.4 89.2
51 25.2 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 16.661 ng/ul
RT: 8.940 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion: 70 Resp: 278854
Ion Ratio Lower Upper
70 100
42 54.9 41.0 61.6
101 9.9 7.9 11.9
130 20.5 16.1 24.1





#18

4-Methylphenol

Concen: 15.807 ng/ul

RT: 8.898 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

Instrument :

BNA_P

ClientSampleId :

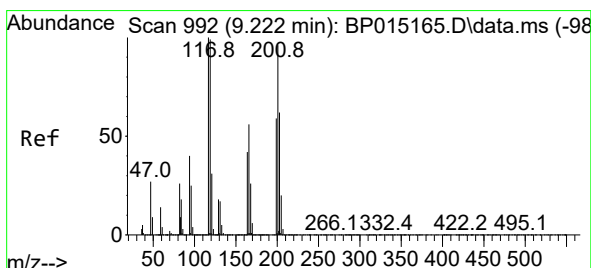
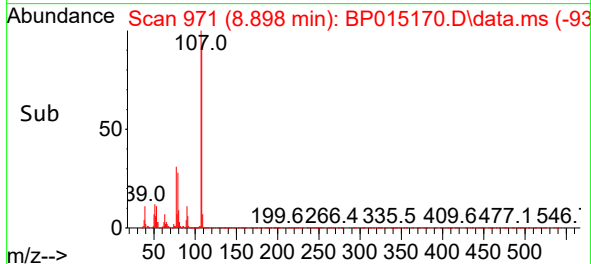
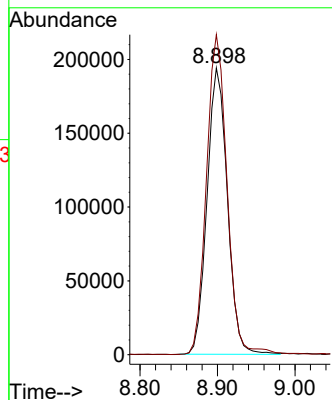
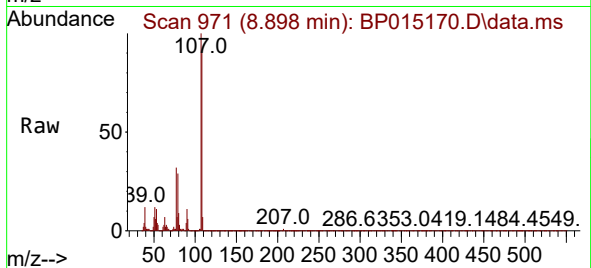
JREA0MSD

Tgt Ion:108 Resp: 353820

Ion Ratio Lower Upper

108 100

107 111.6 88.5 132.7



#19

Hexachloroethane

Concen: 15.196 ng/ul

RT: 9.216 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

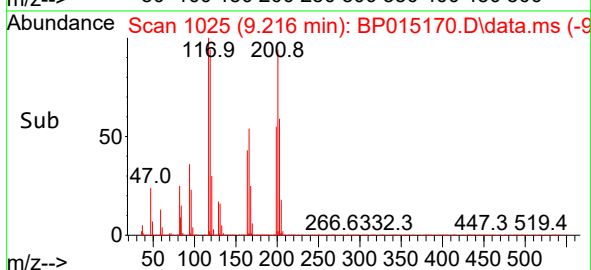
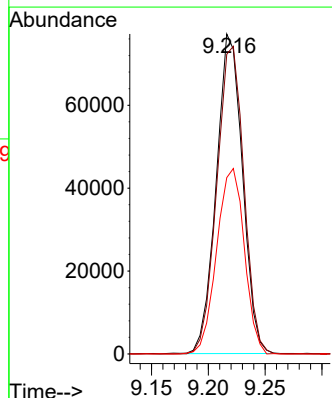
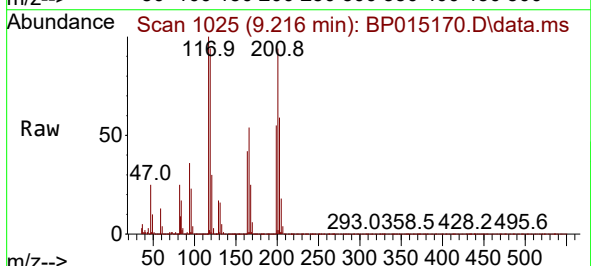
Tgt Ion:117 Resp: 123823

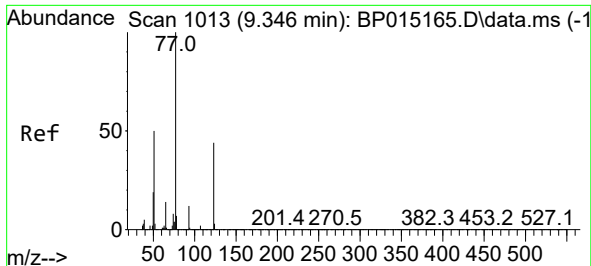
Ion Ratio Lower Upper

117 100

201 93.7 75.8 113.8

199 55.1 46.5 69.7

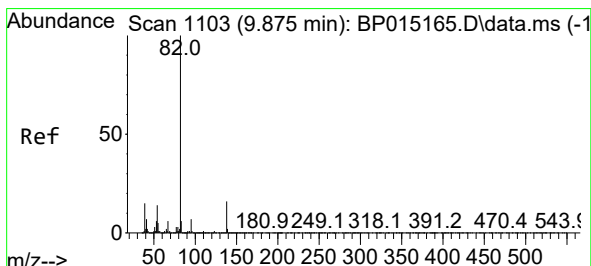
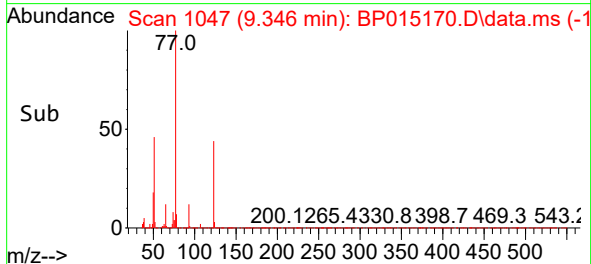
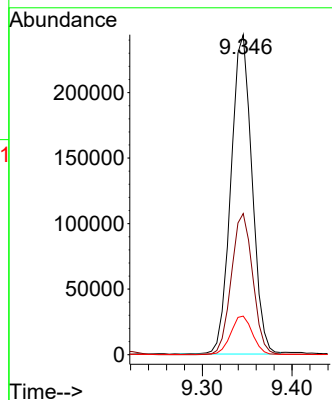
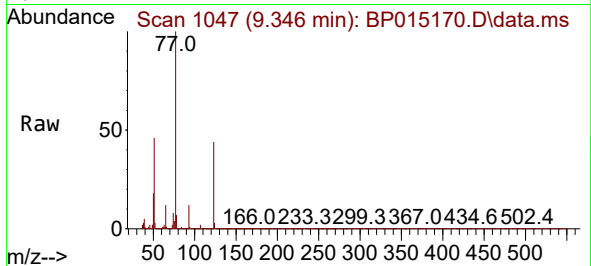




#22
Nitrobenzene
Concen: 16.620 ng/ul
RT: 9.346 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

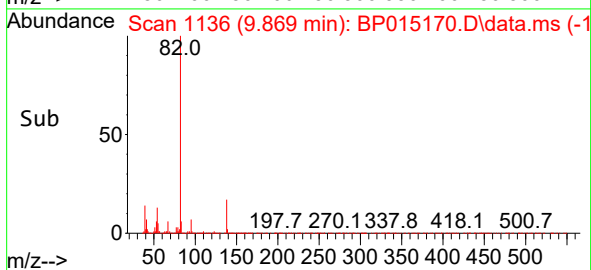
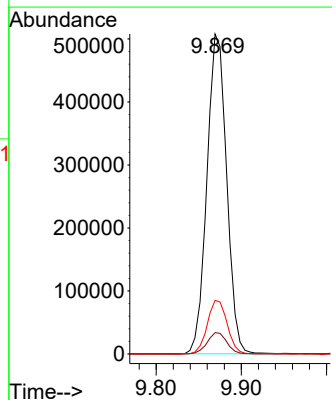
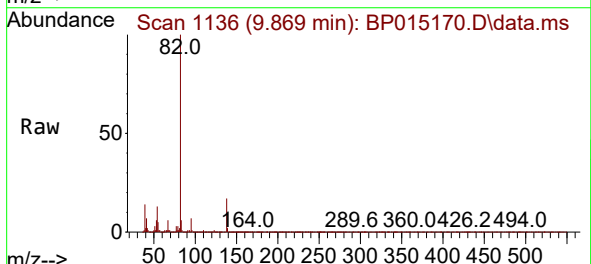
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

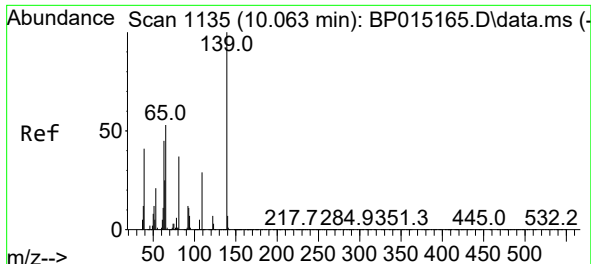
Tgt Ion: 77 Resp: 398482
Ion Ratio Lower Upper
77 100
123 44.1 36.2 54.2
65 12.0 10.1 15.1



#23
Isophorone
Concen: 16.611 ng/ul
RT: 9.869 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion: 82 Resp: 818608
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 16.7 13.6 20.4

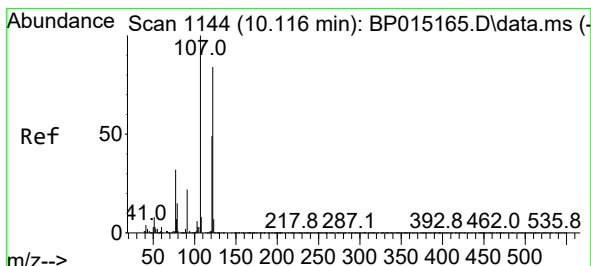
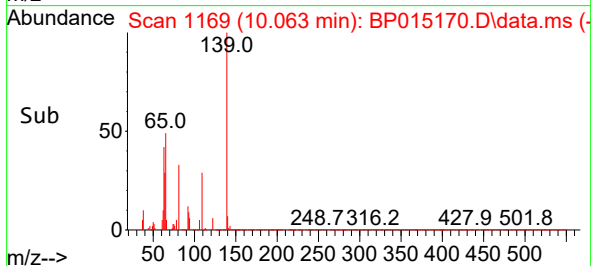
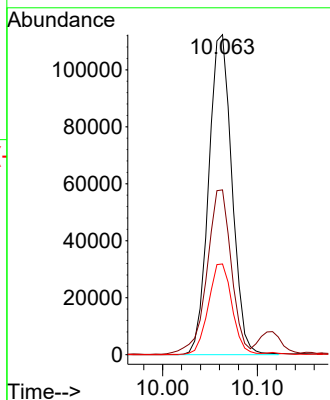
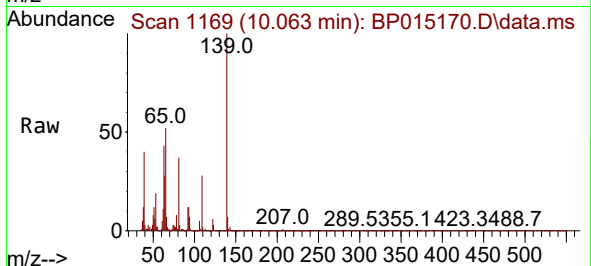




#25
2-Nitrophenol
Concen: 16.133 ng/ul
RT: 10.063 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

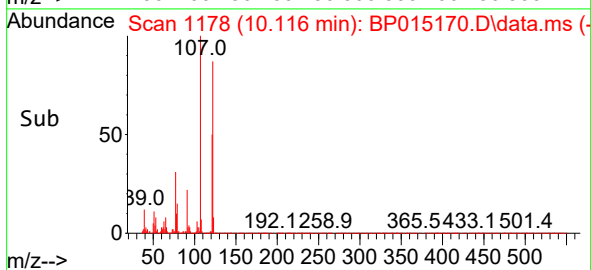
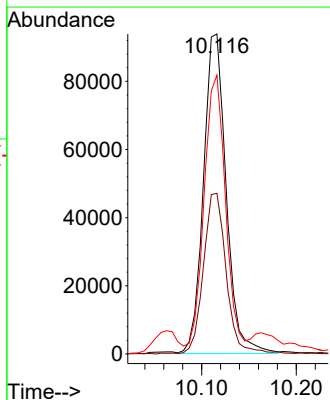
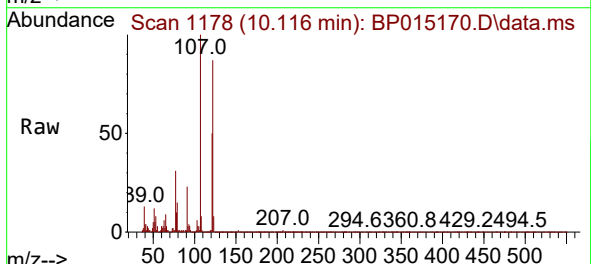
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

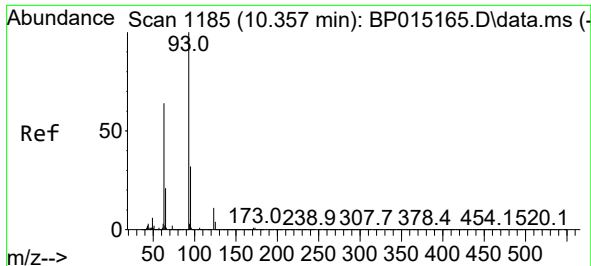
Tgt Ion:139 Resp: 191085
Ion Ratio Lower Upper
139 100
65 51.5 38.4 57.6
109 28.4 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 6.631 ng/ul
RT: 10.116 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:107 Resp: 156733
Ion Ratio Lower Upper
107 100
121 50.2 41.0 61.6
122 87.1 69.5 104.3

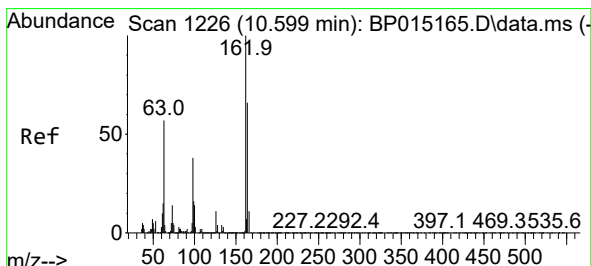
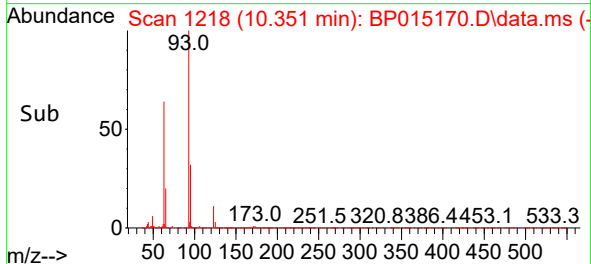
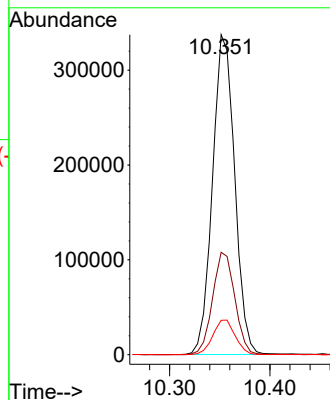
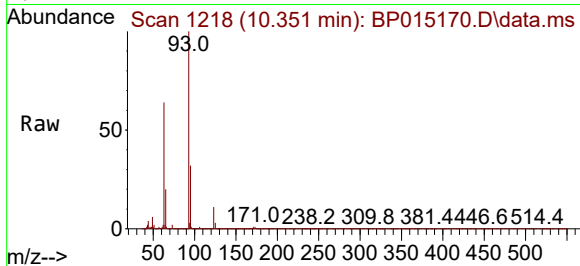




#27
 Bis(2-Chloroethoxy)methane
 Concen: 17.252 ng/ul
 RT: 10.351 min Scan# 1185
 Delta R.T. -0.006 min
 Lab File: BP015170.D
 Acq: 19 May 2023 13:40

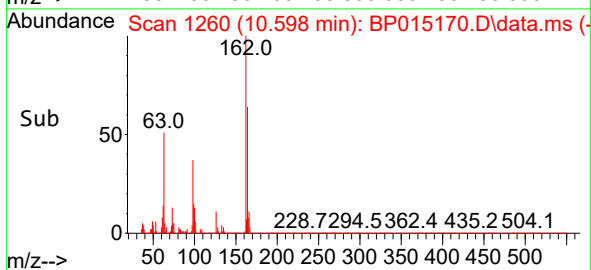
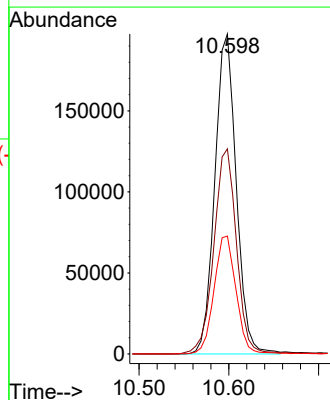
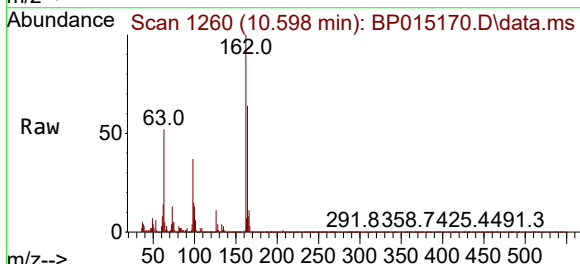
Instrument :
 BNA_P
 ClientSampleId :
 JREA0MSD

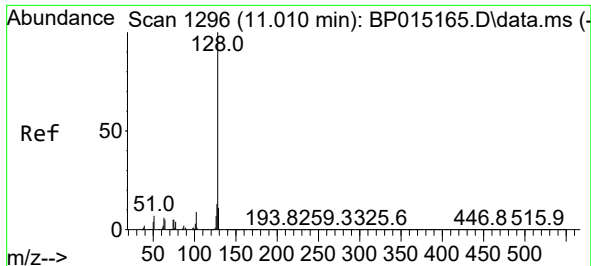
Tgt Ion: 93 Resp: 517279
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.7 40.1
 123 10.7 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 16.635 ng/ul
 RT: 10.598 min Scan# 1260
 Delta R.T. -0.000 min
 Lab File: BP015170.D
 Acq: 19 May 2023 13:40

Tgt Ion: 162 Resp: 327510
 Ion Ratio Lower Upper
 162 100
 164 64.1 52.0 78.0
 98 36.9 28.9 43.3

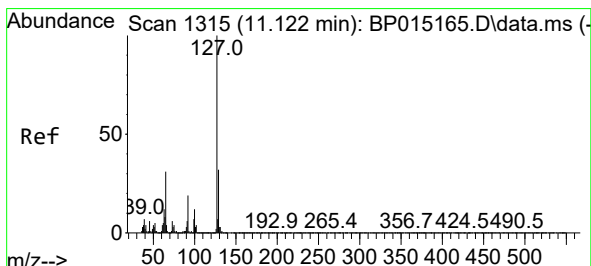
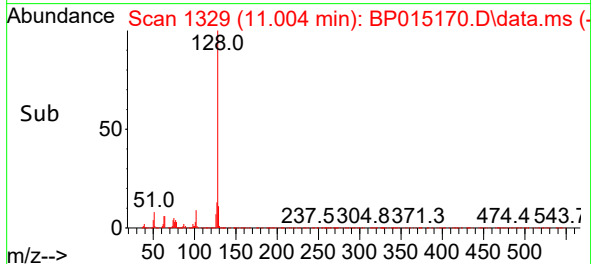
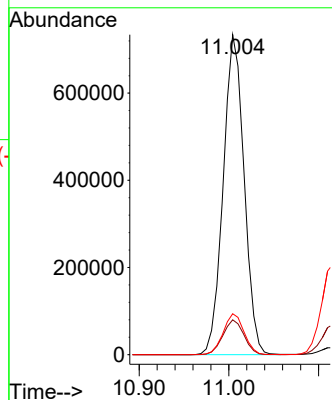
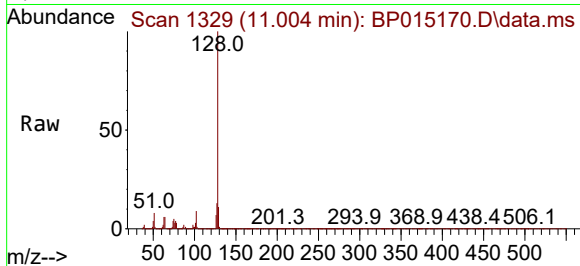




#30
Naphthalene
Concen: 17.656 ng/ul
RT: 11.004 min Scan# 111
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

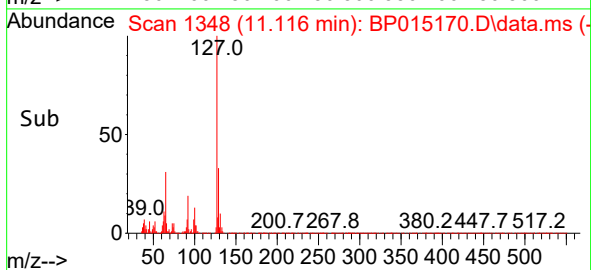
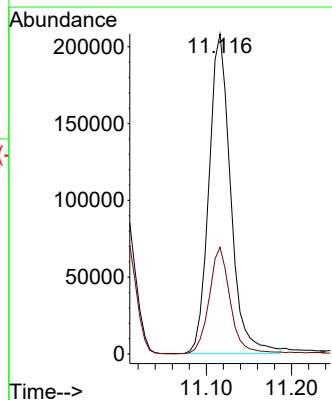
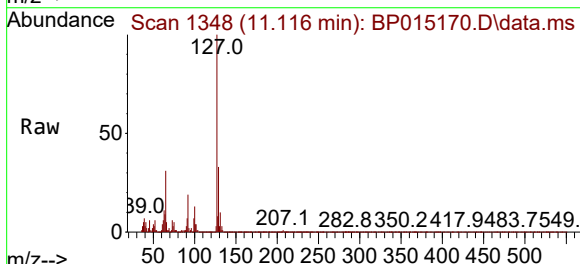
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

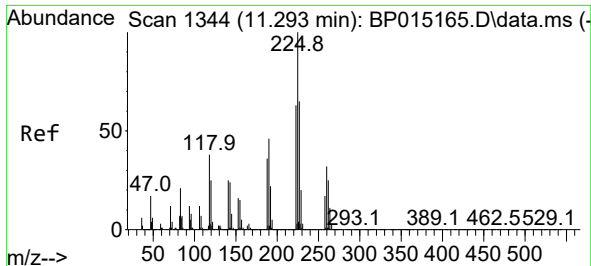
Tgt Ion:128 Resp: 1185821
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.8 10.6 15.8



#32
4-Chloroaniline
Concen: 12.440 ng/ul
RT: 11.116 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:127 Resp: 368702
Ion Ratio Lower Upper
127 100
129 33.4 25.8 38.8

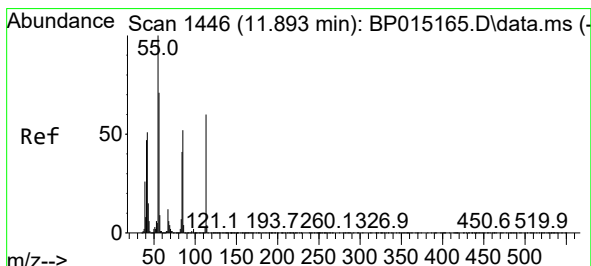
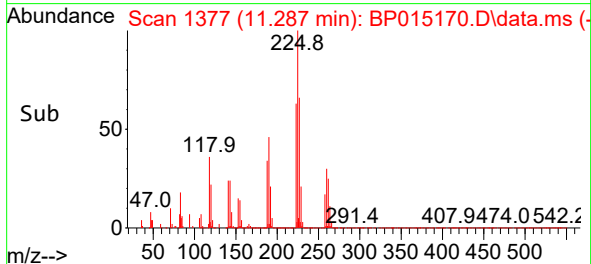
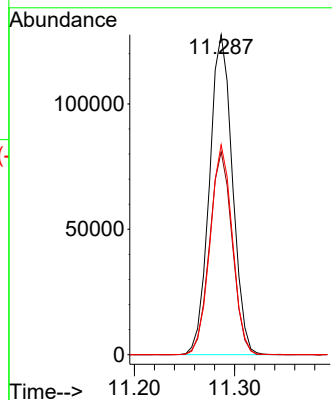
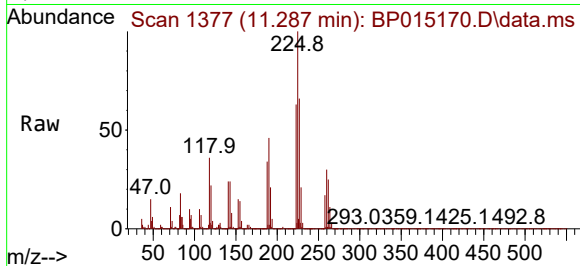




#33
Hexachlorobutadiene
Concen: 17.138 ng/ul
RT: 11.287 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

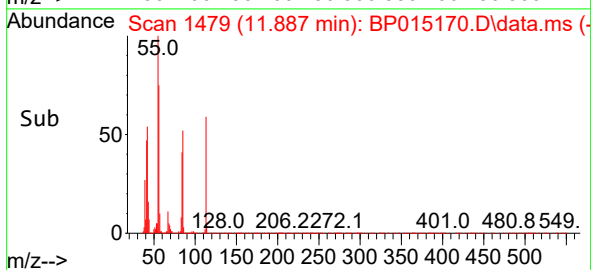
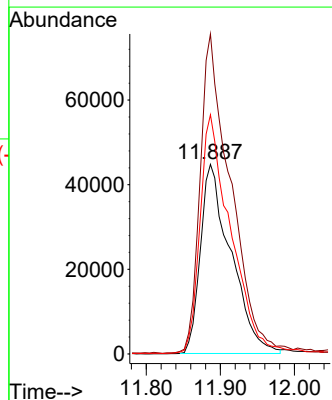
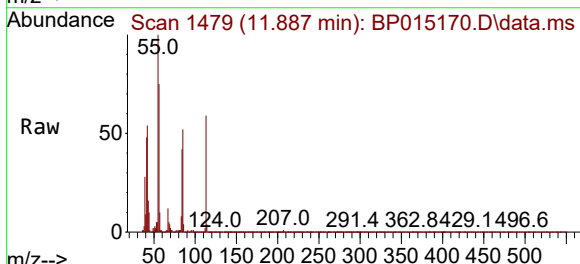
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

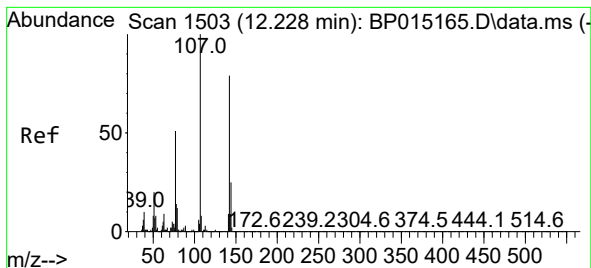
Tgt Ion:225 Resp: 203358
Ion Ratio Lower Upper
225 100
223 63.4 51.0 76.6
227 65.6 52.2 78.4



#34
Caprolactam
Concen: 17.172 ng/ul
RT: 11.887 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:113 Resp: 127459
Ion Ratio Lower Upper
113 100
55 168.7 121.2 181.8
56 126.1 90.2 135.4

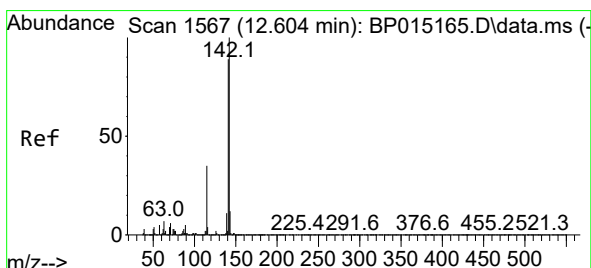
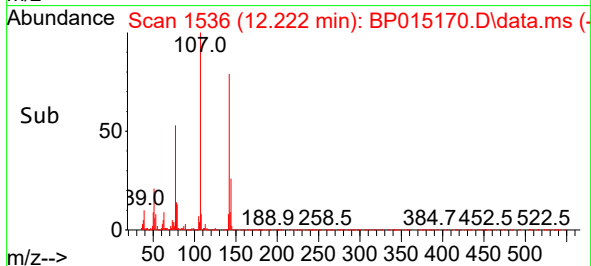
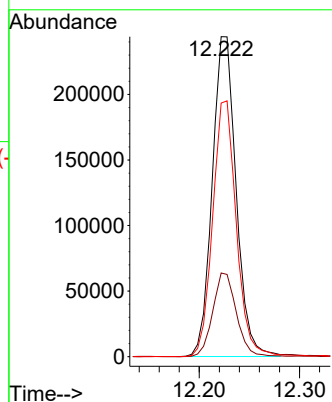
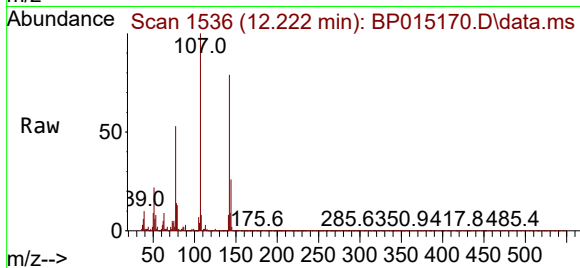




#35
4-Chloro-3-methylphenol
Concen: 18.183 ng/ul
RT: 12.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

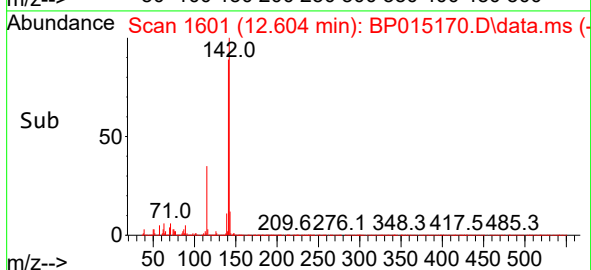
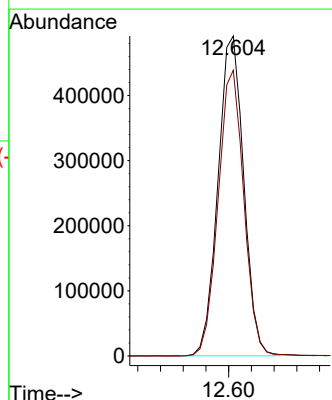
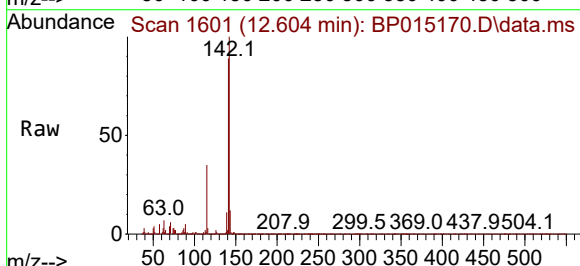
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

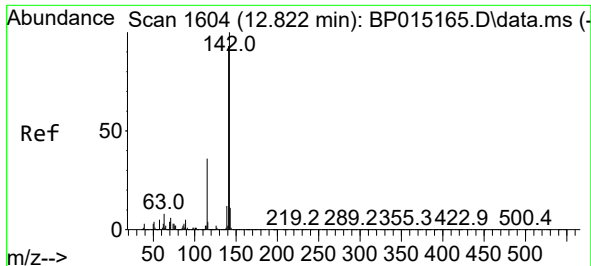
Tgt Ion:107 Resp: 404210
Ion Ratio Lower Upper
107 100
144 26.1 20.3 30.5
142 79.3 63.2 94.8



#36
2-Methylnaphthalene
Concen: 17.058 ng/ul
RT: 12.604 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:142 Resp: 771919
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6

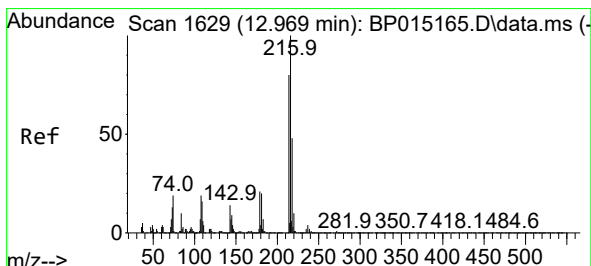
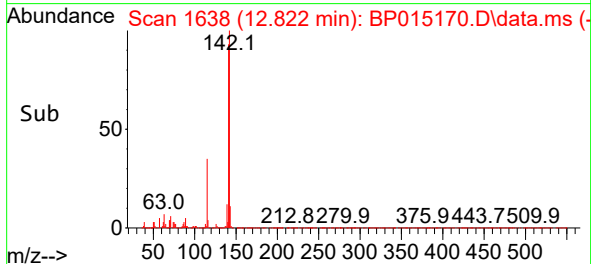
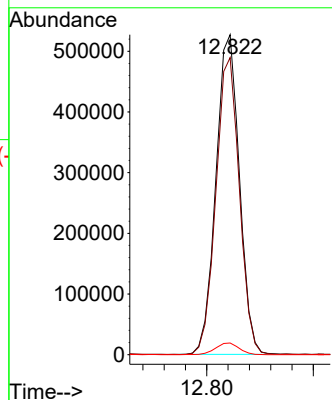
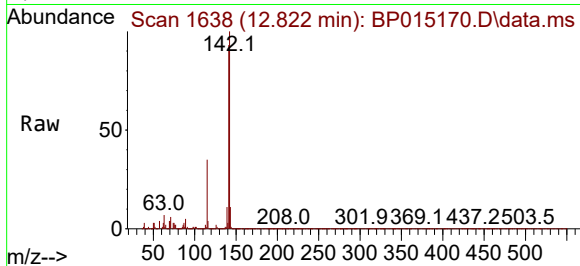




#37
1-Methylnaphthalene
Concen: 17.706 ng/ul
RT: 12.822 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

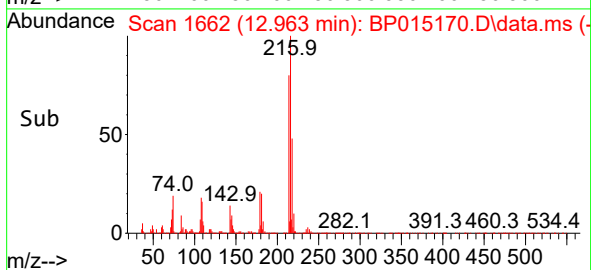
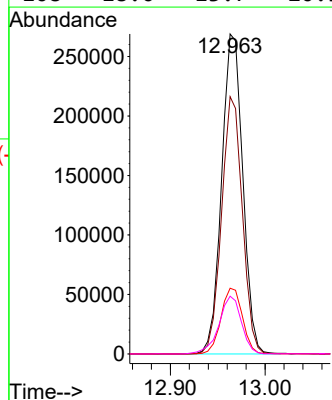
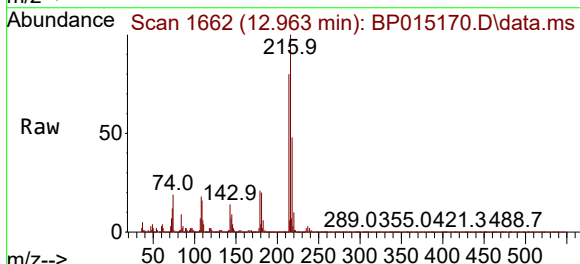
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

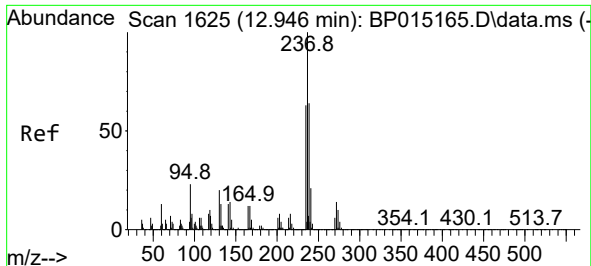
Tgt Ion:142 Resp: 804649
Ion Ratio Lower Upper
142 100
141 92.8 74.6 112.0
116 3.7 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 17.391 ng/ul
RT: 12.963 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:216 Resp: 417775
Ion Ratio Lower Upper
216 100
214 80.4 61.4 92.0
179 20.5 15.9 23.9
108 18.0 13.7 20.5

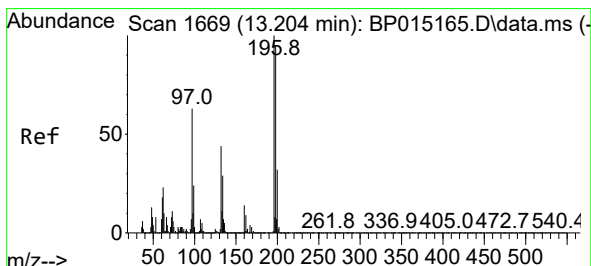
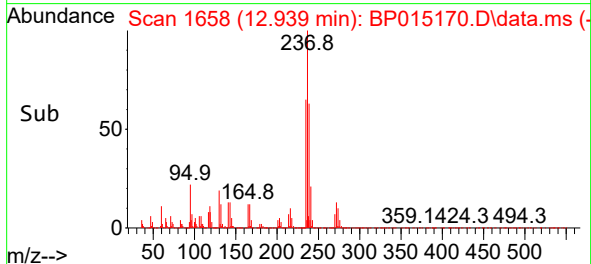
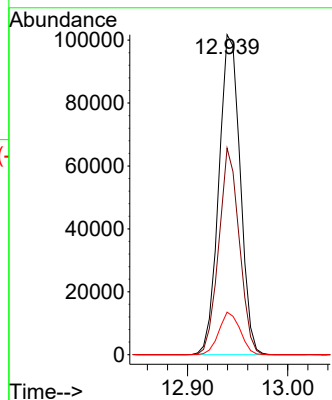
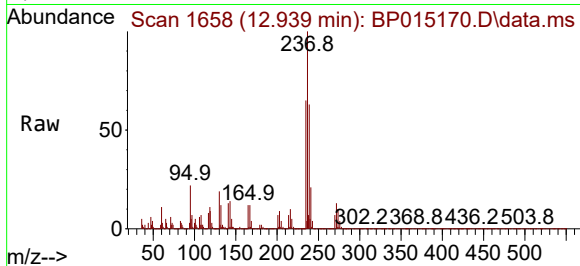




#40
Hexachlorocyclopentadiene
Concen: 9.635 ng/ul
RT: 12.939 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

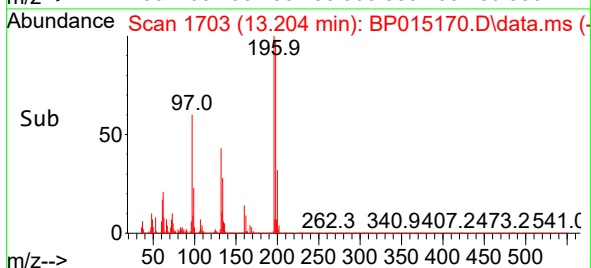
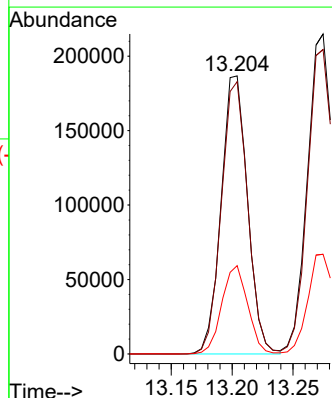
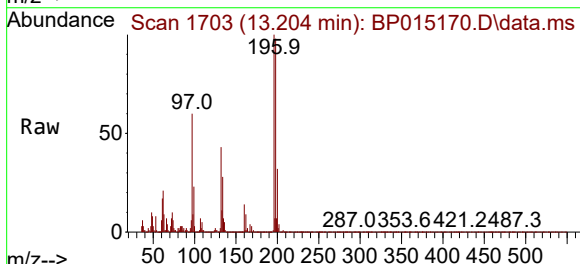
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

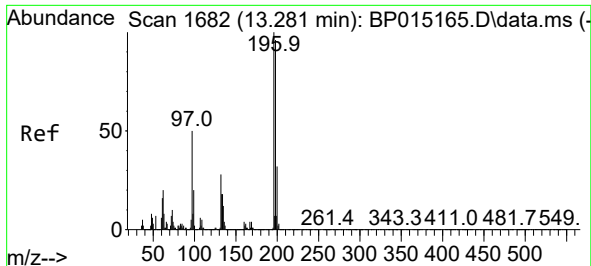
Tgt Ion:237 Resp: 149959
Ion Ratio Lower Upper
237 100
235 64.5 49.4 74.0
272 13.3 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 16.667 ng/ul
RT: 13.204 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:196 Resp: 282714
Ion Ratio Lower Upper
196 100
198 97.9 75.5 113.3
200 31.8 23.6 35.4

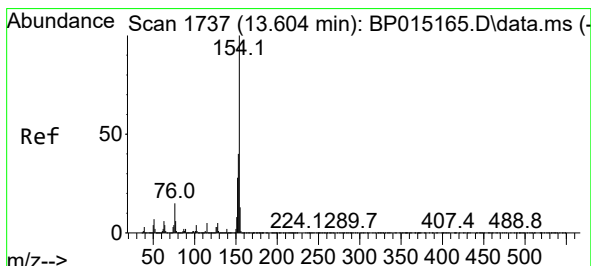
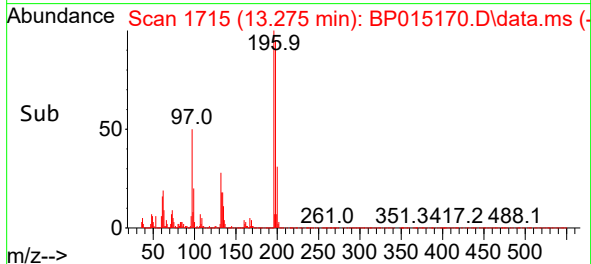
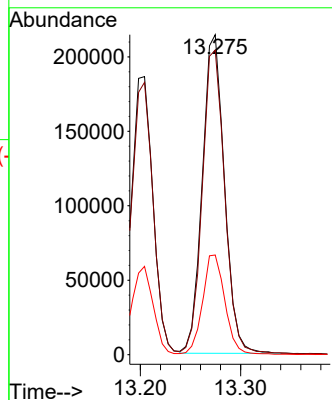
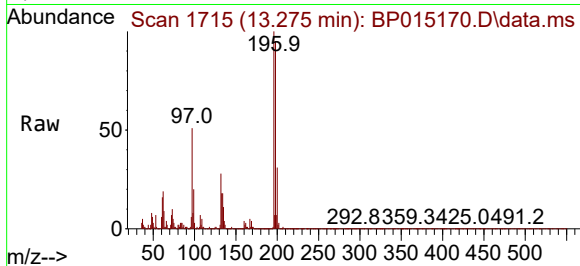




#42
2,4,5-Trichlorophenol
Concen: 17.894 ng/ul
RT: 13.275 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

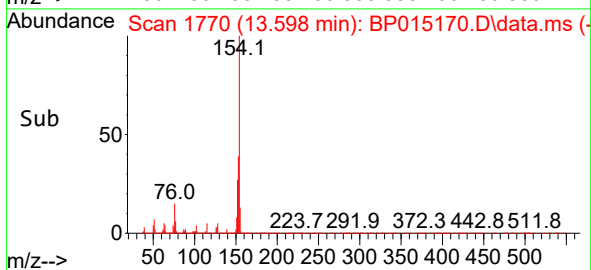
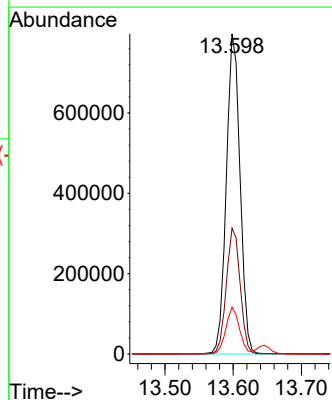
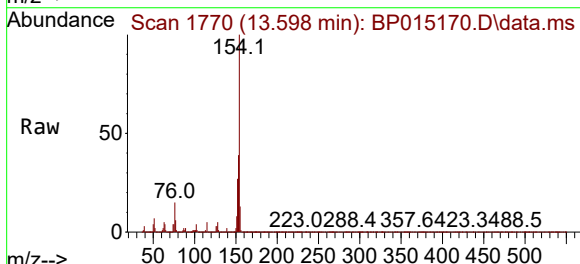
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

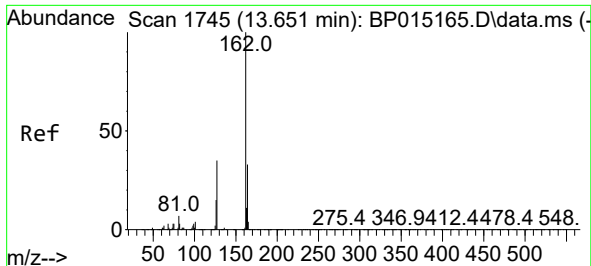
Tgt Ion:196 Resp: 329105
Ion Ratio Lower Upper
196 100
198 95.2 77.0 115.4
200 31.2 24.3 36.5



#43
1,1'-Biphenyl
Concen: 17.934 ng/ul
RT: 13.598 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:154 Resp: 1117648
Ion Ratio Lower Upper
154 100
153 39.3 32.7 49.1
76 14.7 10.7 16.1

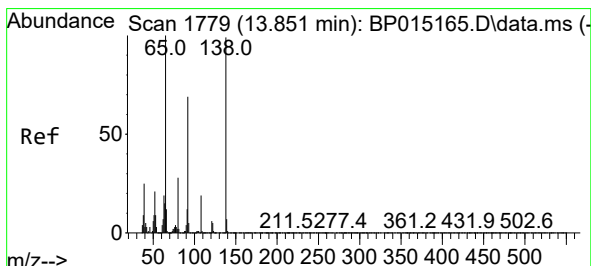
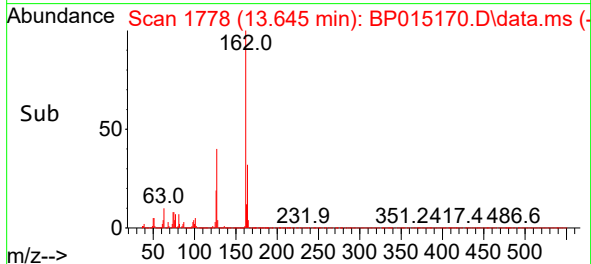
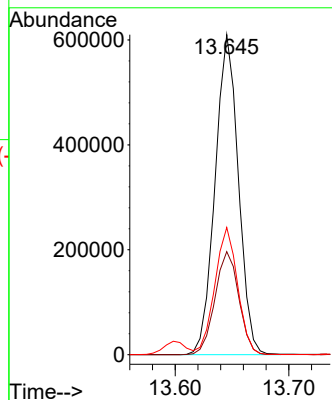
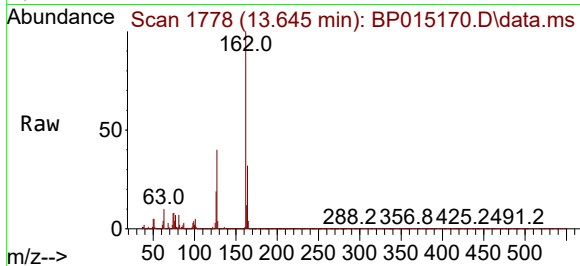




#44
2-Chloronaphthalene
Concen: 17.838 ng/ul
RT: 13.645 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

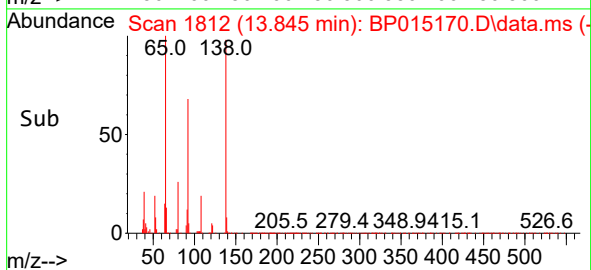
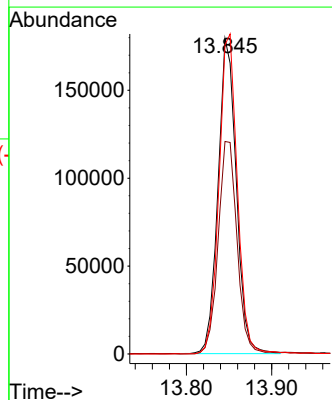
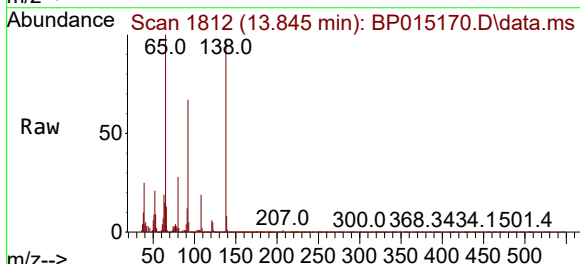
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

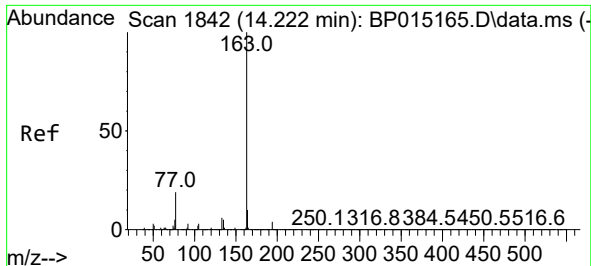
Tgt Ion:162 Resp: 868141
Ion Ratio Lower Upper
162 100
164 32.2 25.9 38.9
127 39.7 30.8 46.2



#45
2-Nitroaniline
Concen: 19.218 ng/ul
RT: 13.845 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion: 65 Resp: 267607
Ion Ratio Lower Upper
65 100
92 67.3 59.8 89.8
138 98.0 92.3 138.5

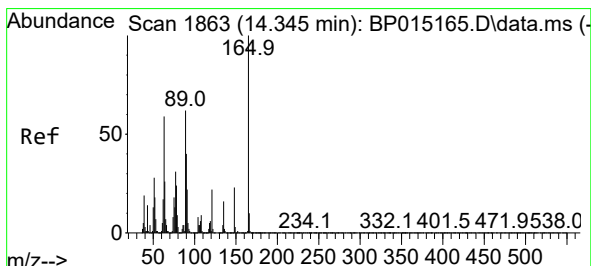
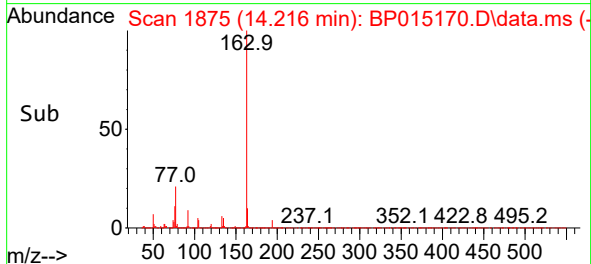
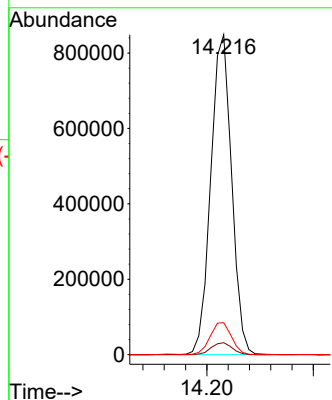
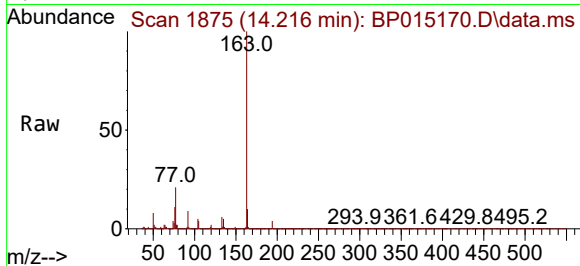




#47
Dimethylphthalate
Concen: 18.253 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

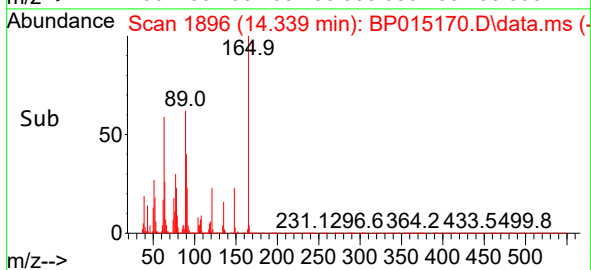
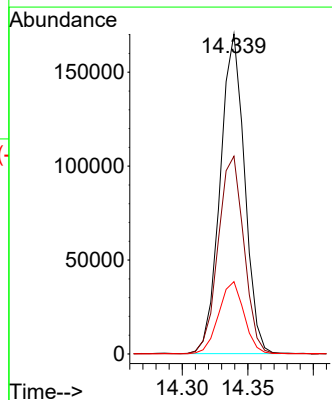
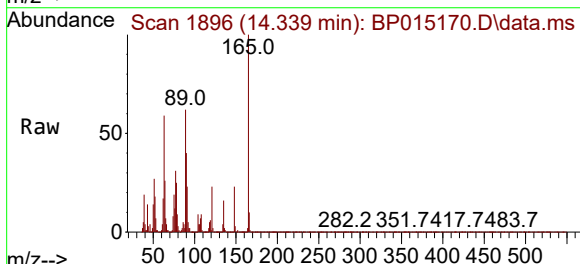
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

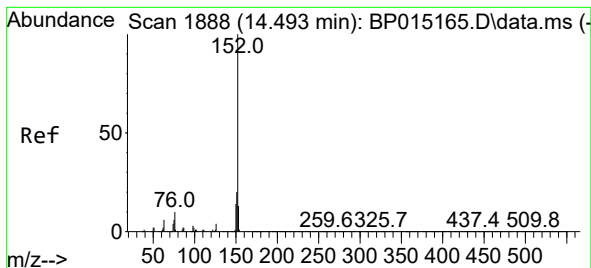
Tgt Ion:163 Resp: 1153808
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 17.559 ng/ul
RT: 14.339 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:165 Resp: 219888
Ion Ratio Lower Upper
165 100
89 61.8 48.0 72.0
121 22.6 17.5 26.3





#50

Acenaphthylene

Concen: 18.109 ng/ul

RT: 14.486 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

Instrument :

BNA_P

ClientSampleId :

JREA0MSD

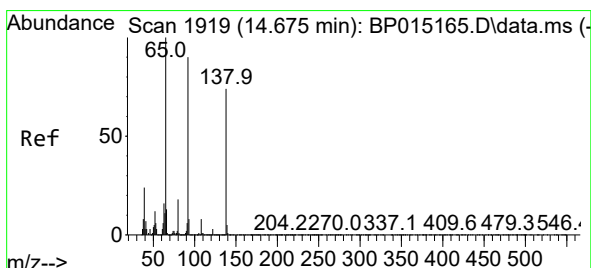
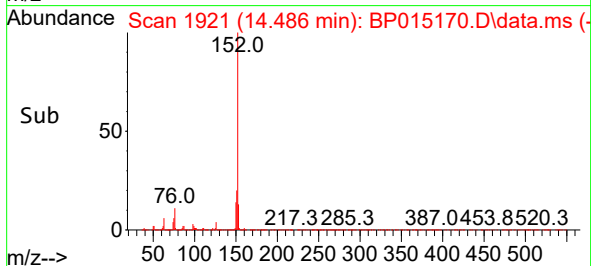
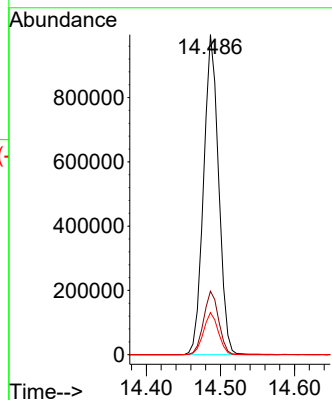
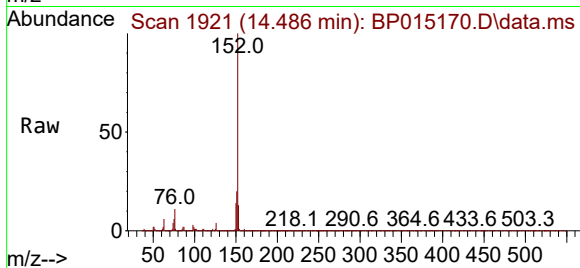
Tgt Ion:152 Resp: 1402643

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.1 10.3 15.5



#51

3-Nitroaniline

Concen: 21.020 ng/ul

RT: 14.669 min Scan# 1952

Delta R.T. -0.000 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

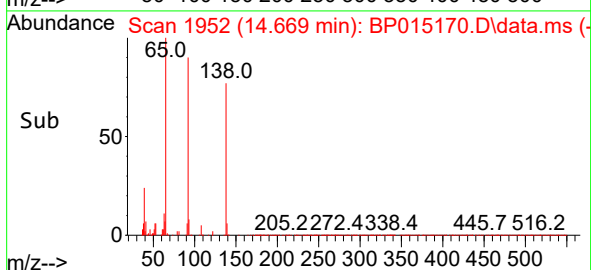
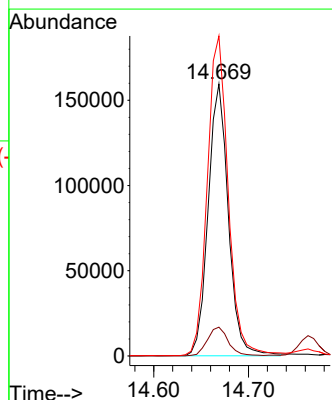
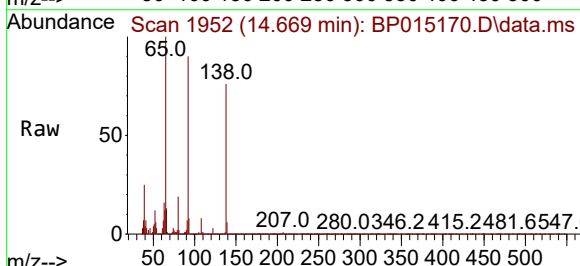
Tgt Ion:138 Resp: 237033

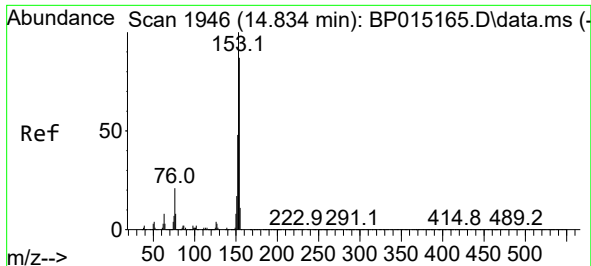
Ion Ratio Lower Upper

138 100

108 10.6 8.8 13.2

92 117.6 93.4 140.0

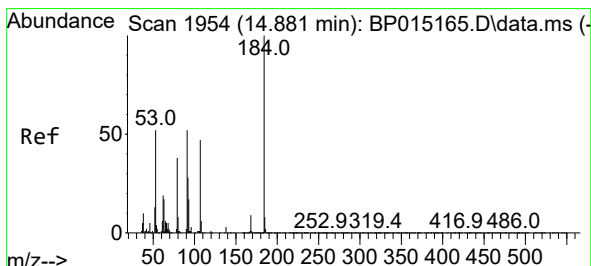
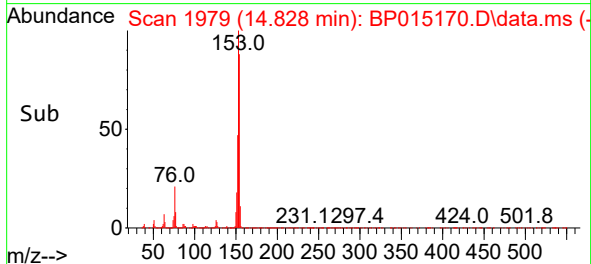
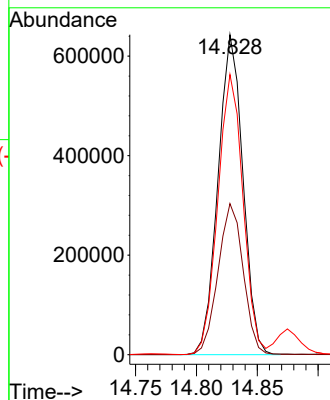
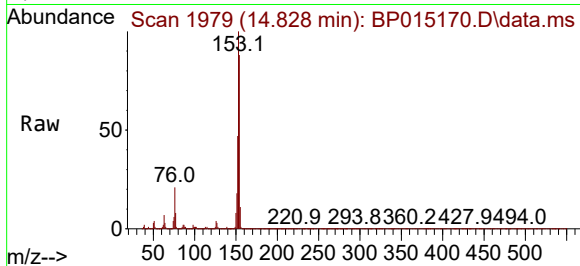




#52
Acenaphthene
Concen: 17.299 ng/ul
RT: 14.828 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

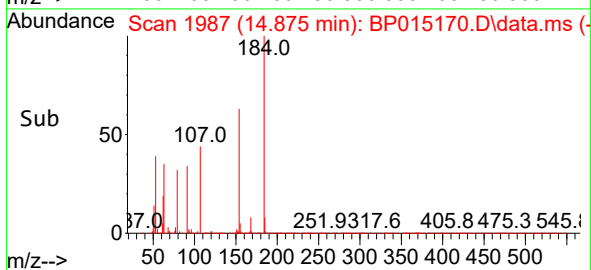
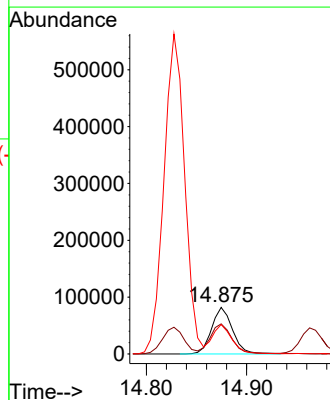
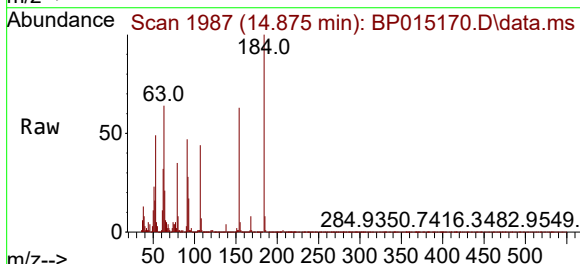
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

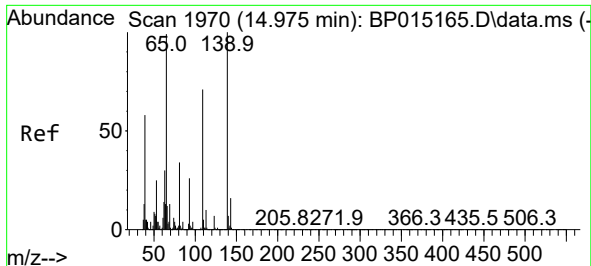
Tgt Ion:153 Resp: 915142
Ion Ratio Lower Upper
153 100
152 47.2 38.0 57.0
154 87.6 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 14.264 ng/ul
RT: 14.875 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:184 Resp: 118599
Ion Ratio Lower Upper
184 100
63 64.4 49.7 74.5
154 63.0 47.5 71.3

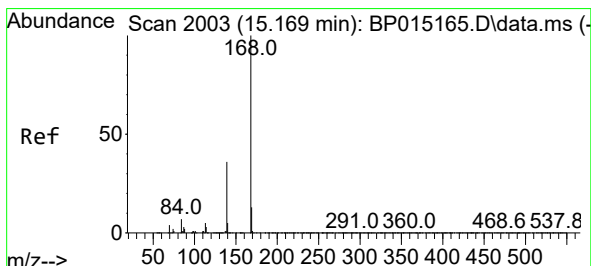
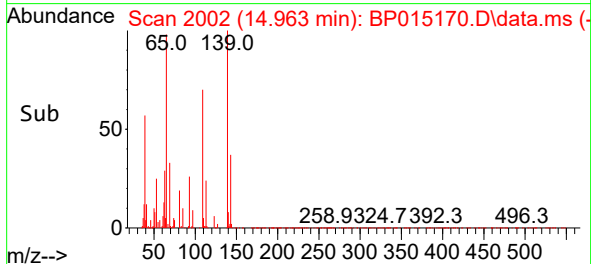
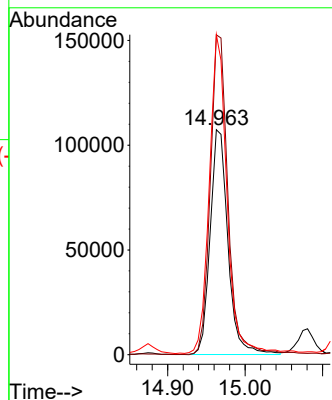
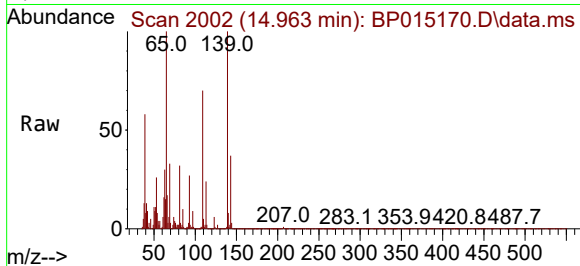




#55
4-Nitrophenol
Concen: 19.809 ng/ul
RT: 14.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

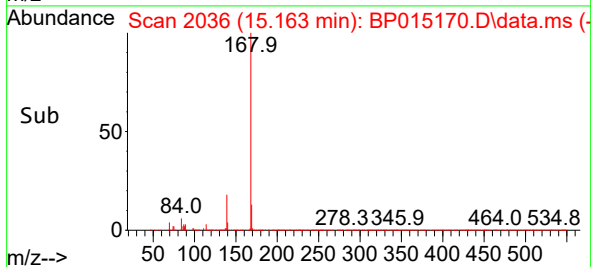
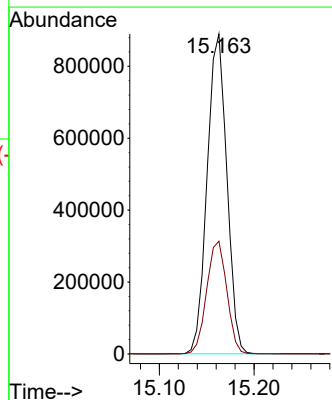
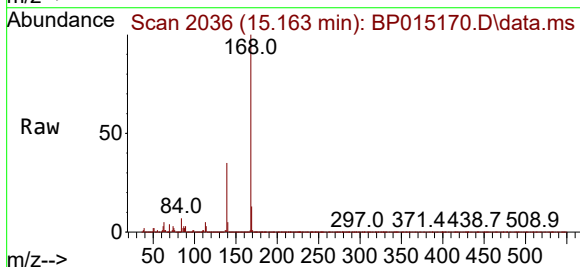
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

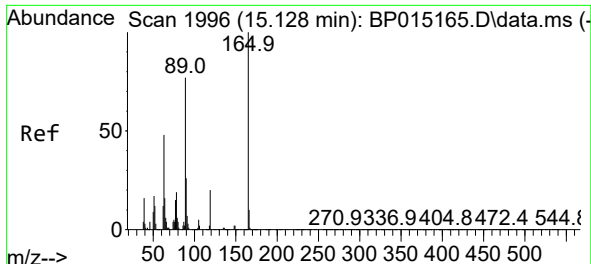
Tgt Ion:109 Resp: 171717
Ion Ratio Lower Upper
109 100
139 142.2 115.3 172.9
65 142.2 107.9 161.9



#56
Dibenzofuran
Concen: 17.396 ng/ul
RT: 15.163 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:168 Resp: 1280030
Ion Ratio Lower Upper
168 100
139 35.3 29.4 44.0

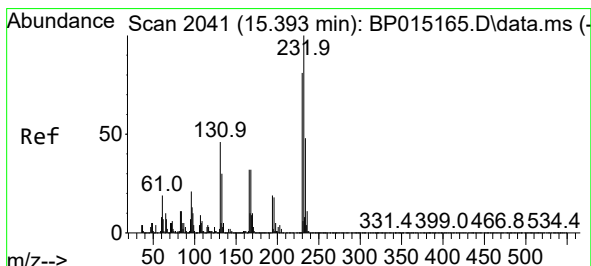
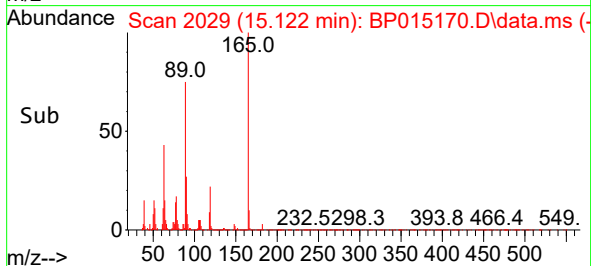
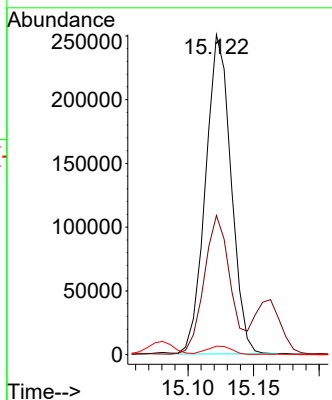
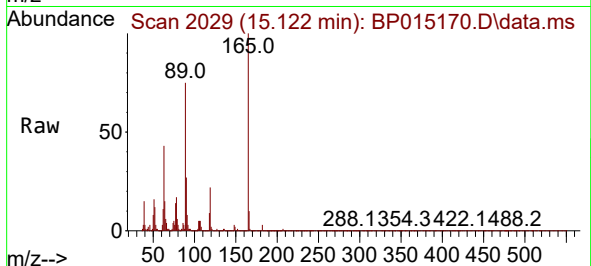




#57
2,4-Dinitrotoluene
Concen: 18.679 ng/ul
RT: 15.122 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

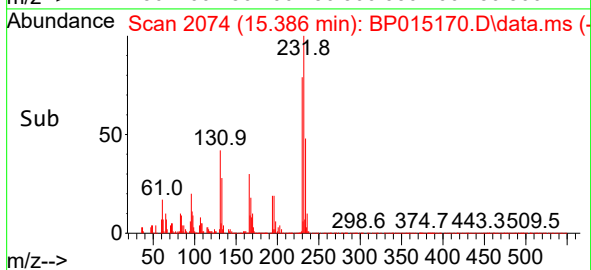
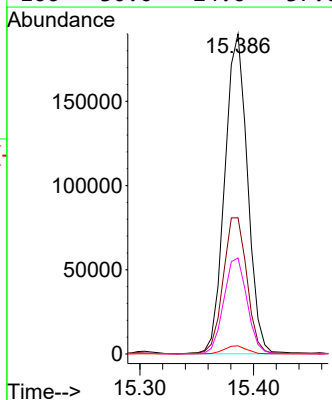
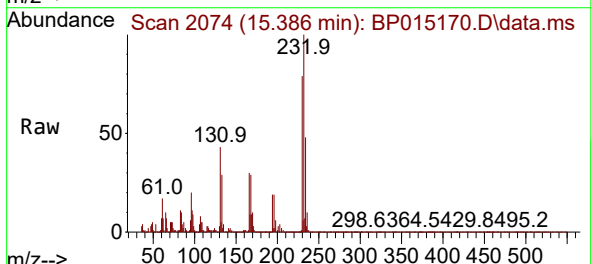
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

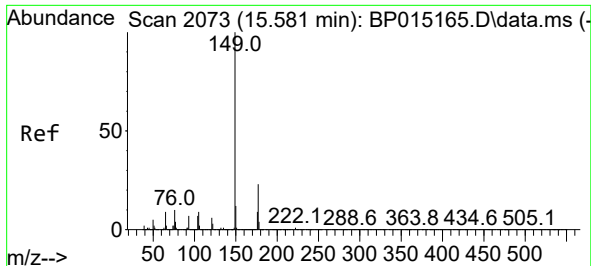
Tgt Ion:165 Resp: 338485
Ion Ratio Lower Upper
165 100
63 43.5 33.1 49.7
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 17.002 ng/ul
RT: 15.386 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:232 Resp: 263901
Ion Ratio Lower Upper
232 100
131 42.5 36.8 55.2
130 2.5 1.9 2.9
166 30.0 24.6 37.0

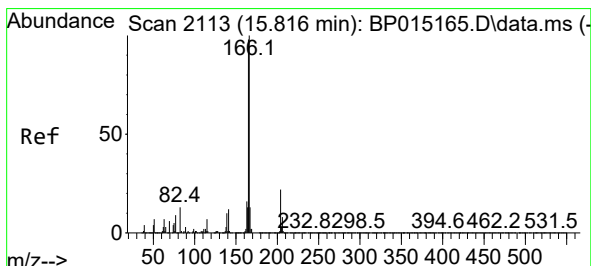
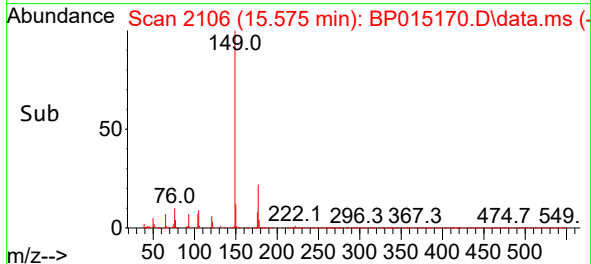
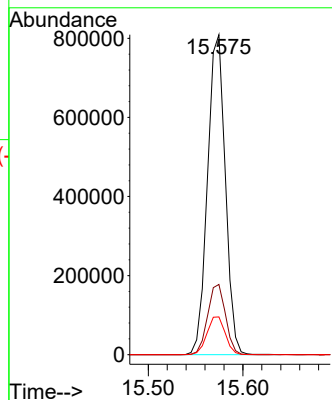
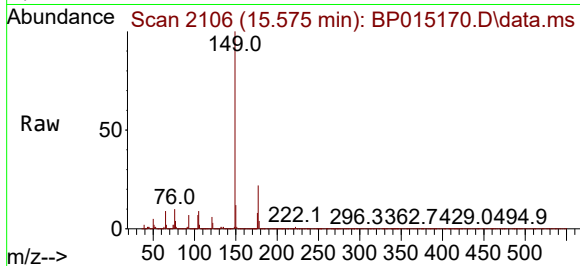




#59
Diethylphthalate
Concen: 16.747 ng/ul
RT: 15.575 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

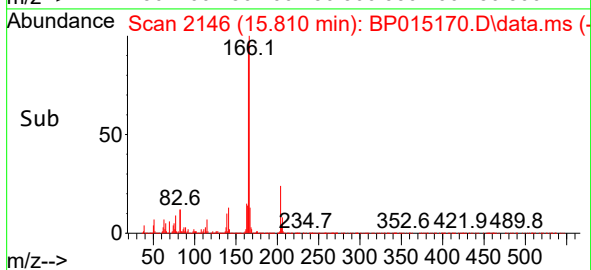
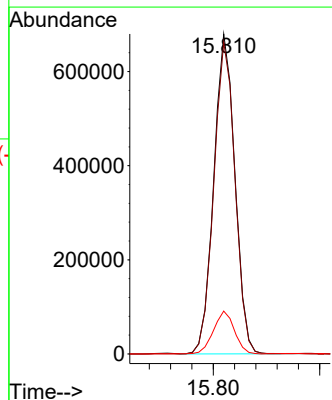
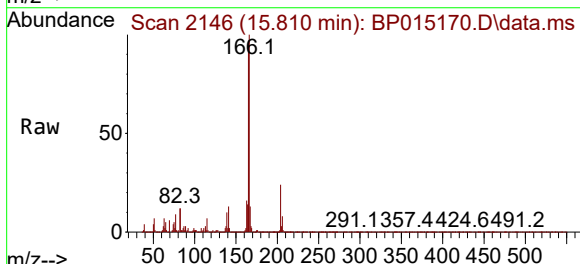
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

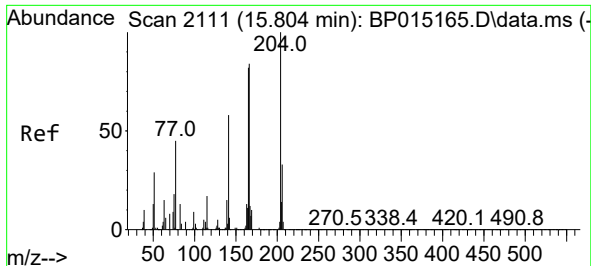
Tgt Ion:149 Resp: 1055838
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 11.8 9.8 14.8



#61
Fluorene
Concen: 15.841 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:166 Resp: 936700
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.6
167 13.4 10.6 15.8

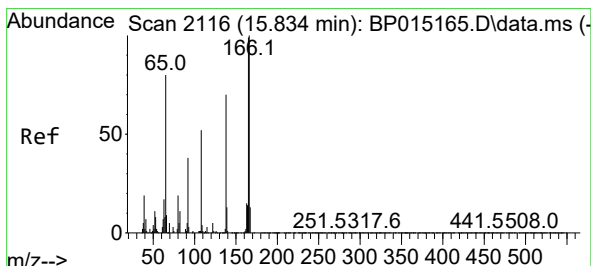
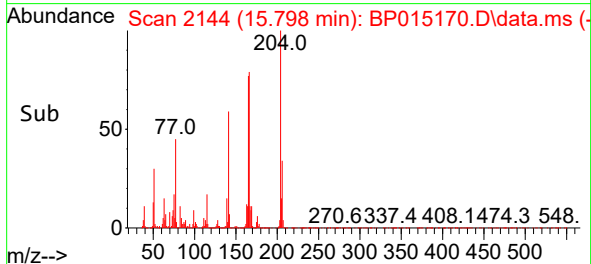
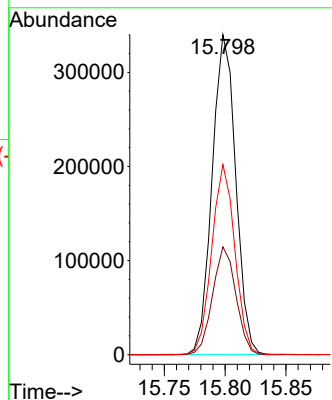
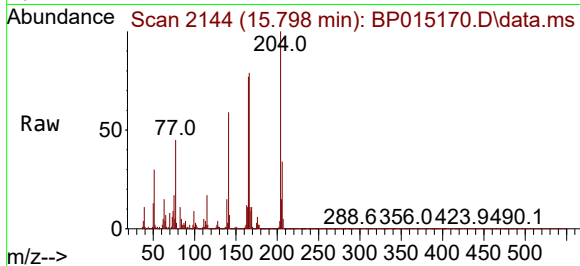




#62
4-Chlorophenyl-phenylether
Concen: 15.824 ng/ul
RT: 15.798 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

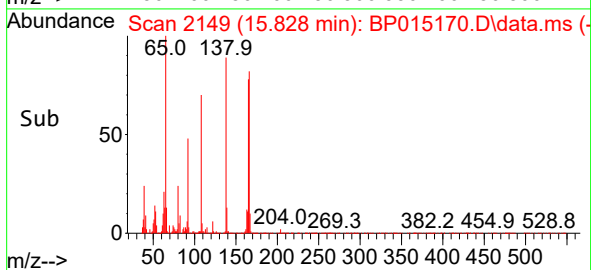
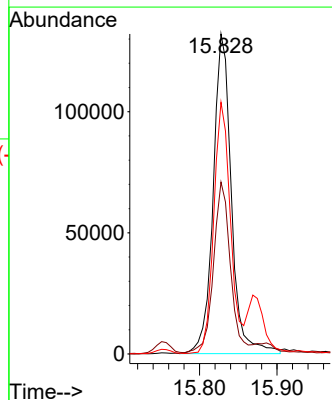
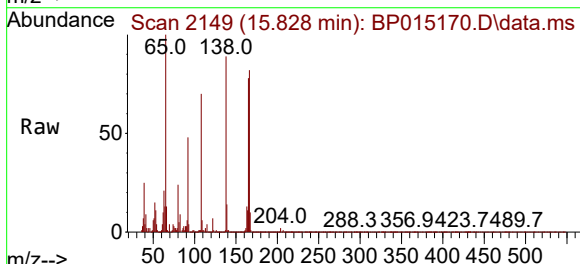
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

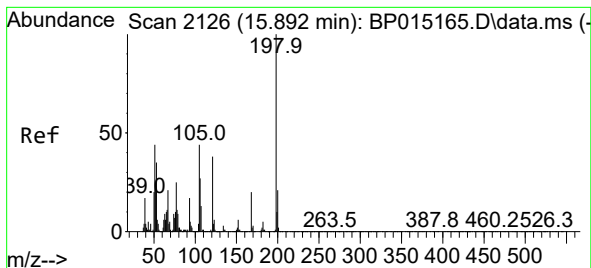
Tgt Ion:204 Resp: 457174
Ion Ratio Lower Upper
204 100
206 33.7 26.1 39.1
141 59.4 44.5 66.7



#63
4-Nitroaniline
Concen: 22.148 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:138 Resp: 215669
Ion Ratio Lower Upper
138 100
92 53.7 41.2 61.8
108 78.6 60.1 90.1

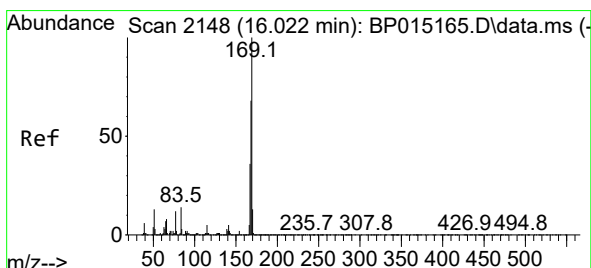
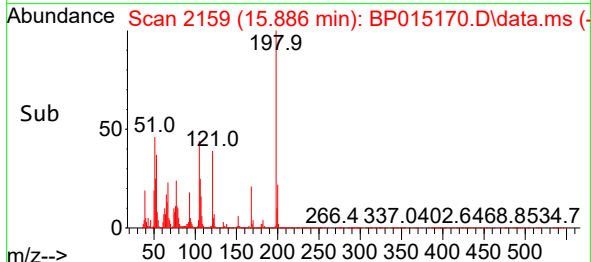
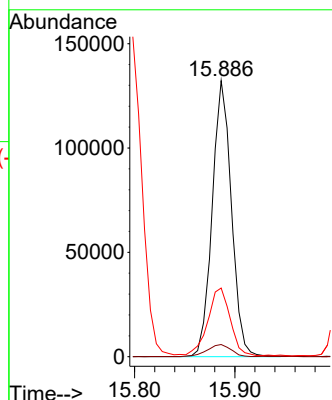
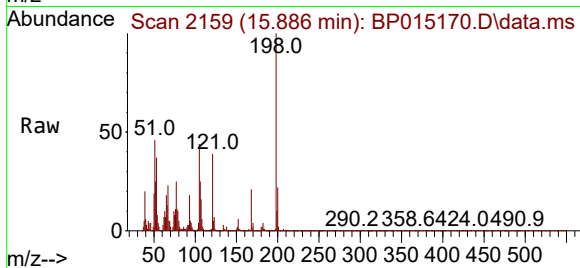




#66
4,6-Dinitro-2-methylphenol
Concen: 18.187 ng/ul
RT: 15.886 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

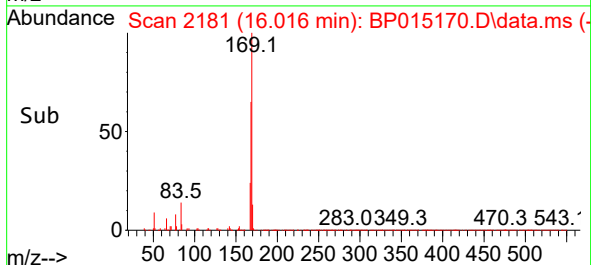
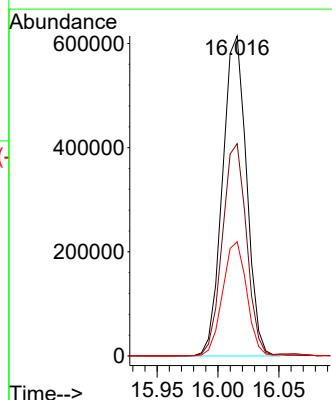
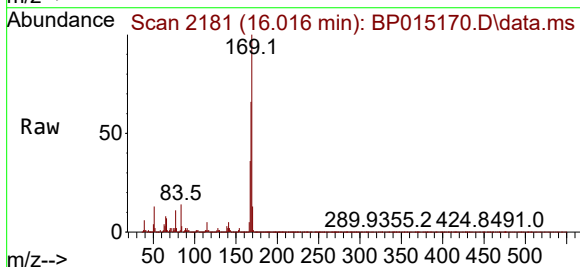
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

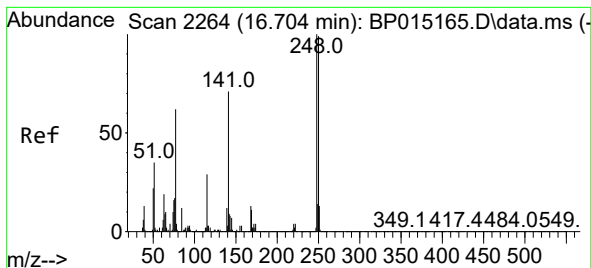
Tgt Ion:198 Resp: 176354
Ion Ratio Lower Upper
198 100
182 4.4 3.7 5.5
77 24.8 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 19.265 ng/ul
RT: 16.016 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:169 Resp: 844526
Ion Ratio Lower Upper
169 100
168 66.4 53.5 80.3
167 35.7 28.9 43.3

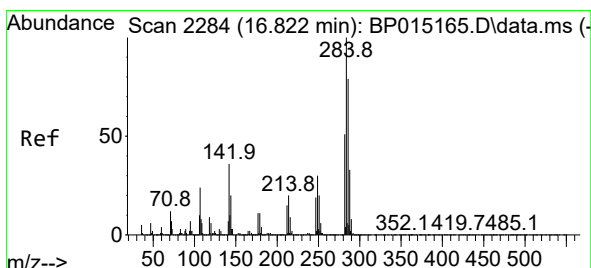
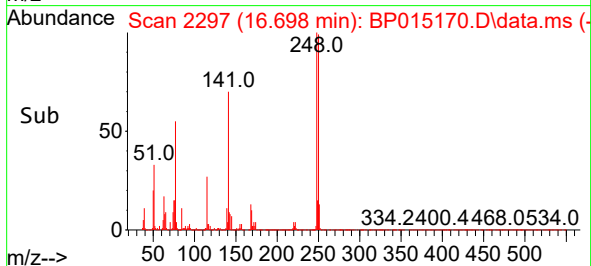
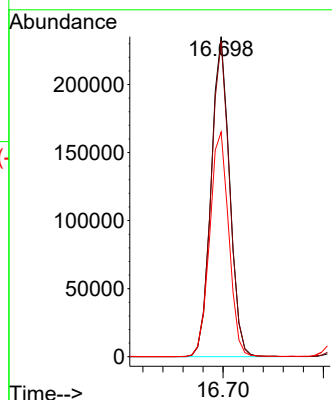
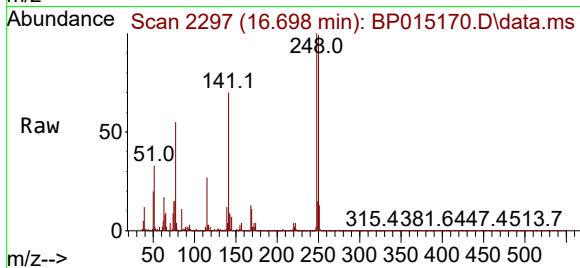




#68
4-Bromophenyl-phenylether
Concen: 19.596 ng/ul
RT: 16.698 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

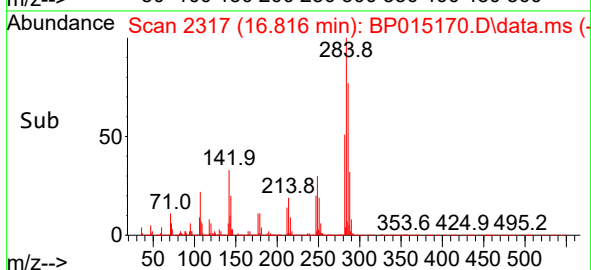
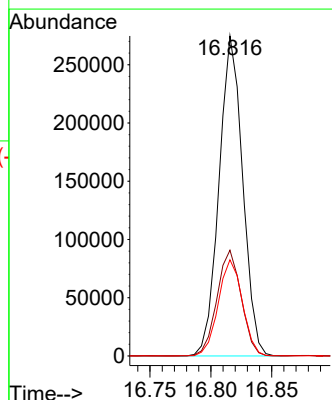
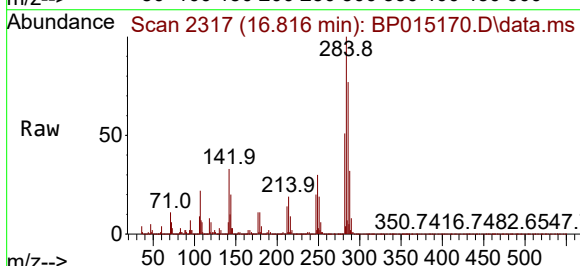
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

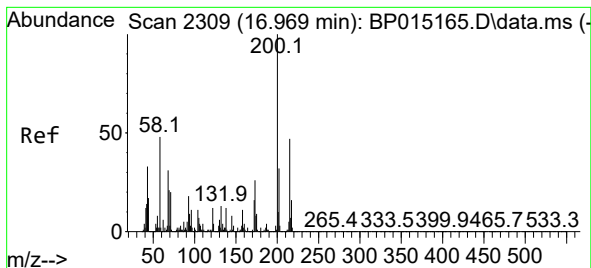
Tgt Ion:248 Resp: 300912
Ion Ratio Lower Upper
248 100
250 98.7 79.0 118.4
141 70.2 58.6 87.8



#69
Hexachlorobenzene
Concen: 20.436 ng/ul
RT: 16.816 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:284 Resp: 370843
Ion Ratio Lower Upper
284 100
142 33.1 27.3 40.9
249 30.0 24.6 36.8





#70

Atrazine

Concen: 12.500 ng/ul

RT: 16.963 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

Instrument :

BNA_P

ClientSampleId :

JREA0MSD

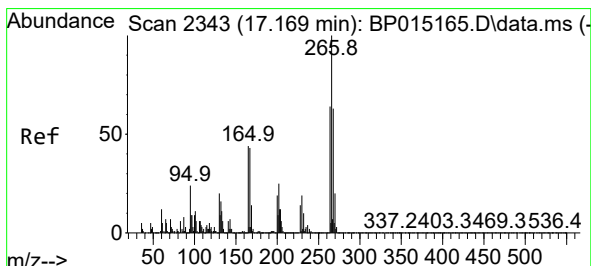
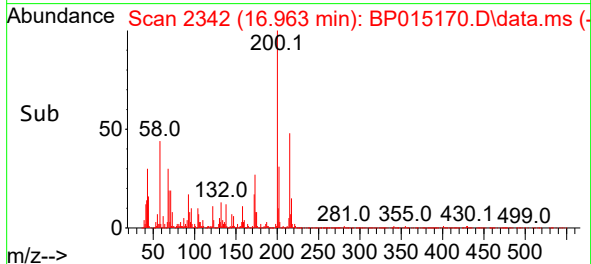
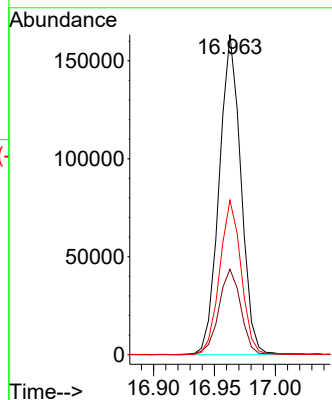
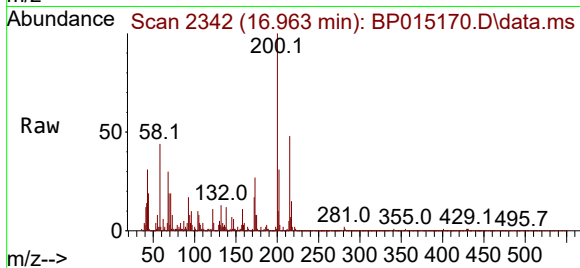
Tgt Ion:200 Resp: 202531

Ion Ratio Lower Upper

200 100

173 26.7 21.4 32.2

215 48.3 38.1 57.1



#71

Pentachlorophenol

Concen: 22.929 ng/ul

RT: 17.163 min Scan# 2376

Delta R.T. -0.000 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

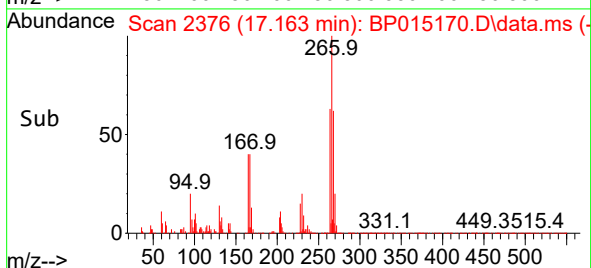
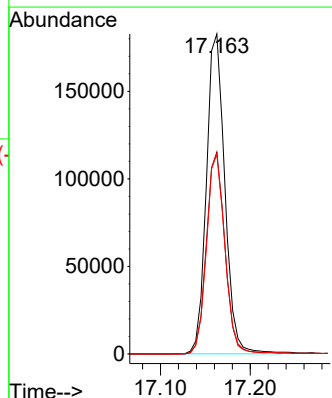
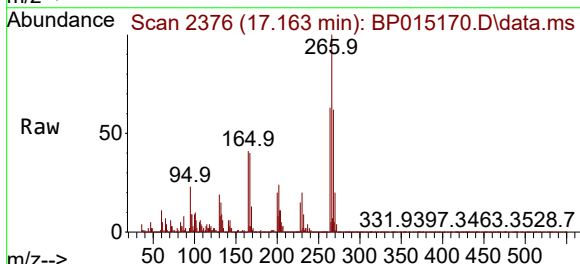
Tgt Ion:266 Resp: 260265

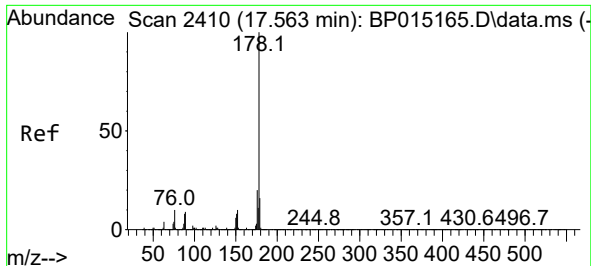
Ion Ratio Lower Upper

266 100

264 63.1 51.0 76.4

268 62.4 51.8 77.6

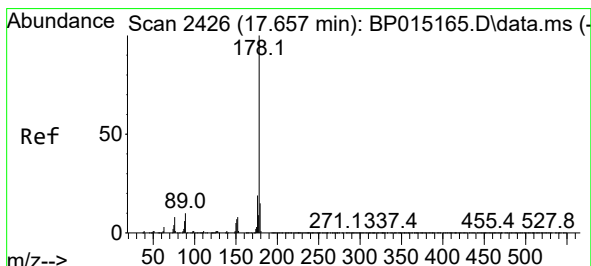
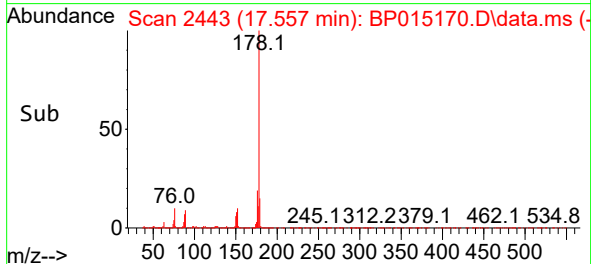
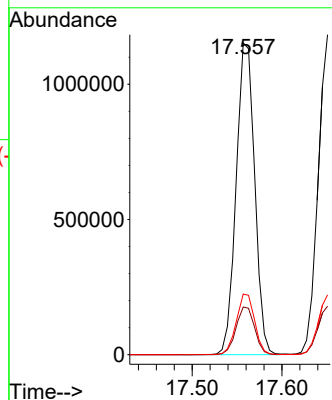
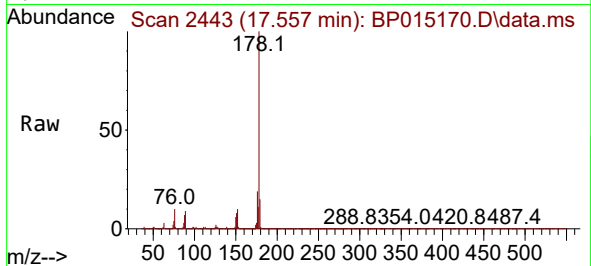




#72
Phenanthrene
Concen: 20.382 ng/ul
RT: 17.557 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

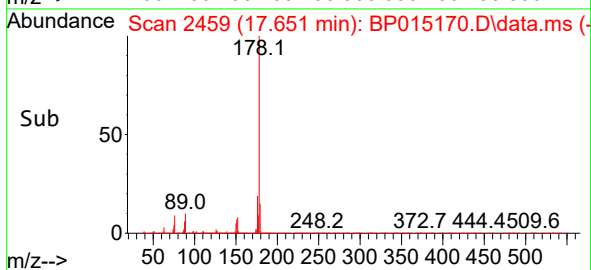
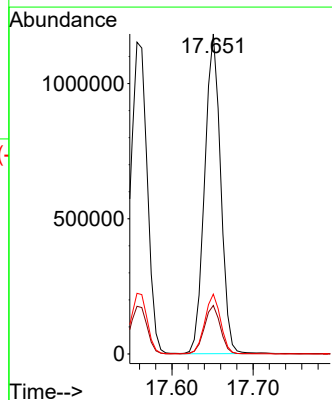
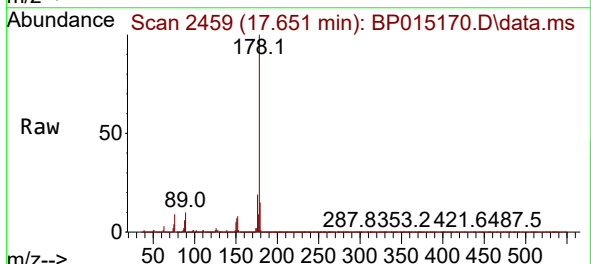
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

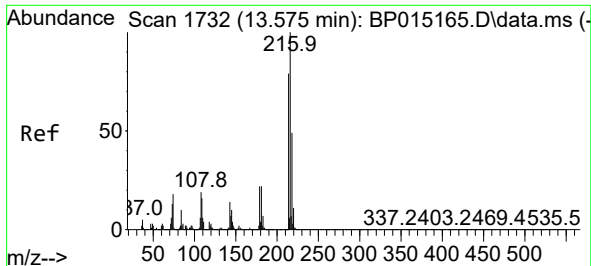
Tgt Ion:178 Resp: 1654667
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.4 15.6 23.4



#74
Anthracene
Concen: 19.677 ng/ul
RT: 17.651 min Scan# 2459
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:178 Resp: 1615298
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 18.7 15.2 22.8

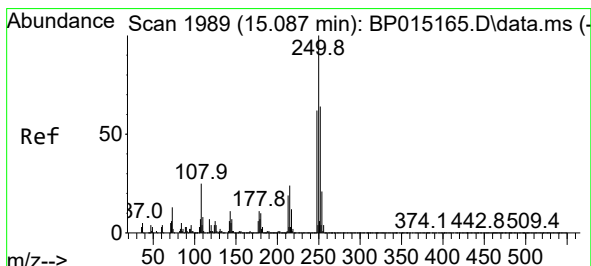
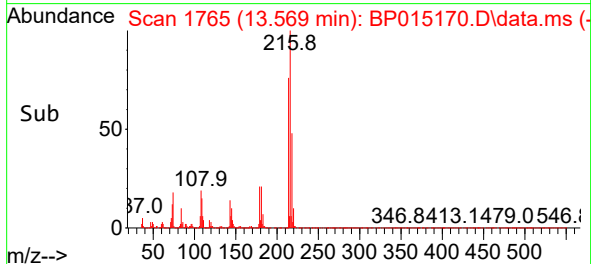
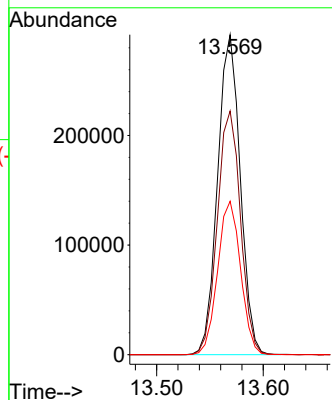
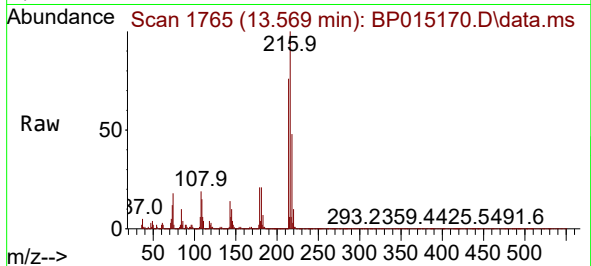




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.411 ng/uL
RT: 13.569 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

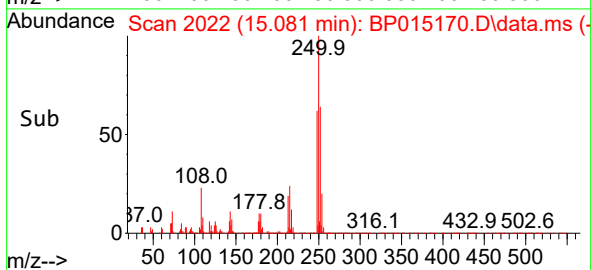
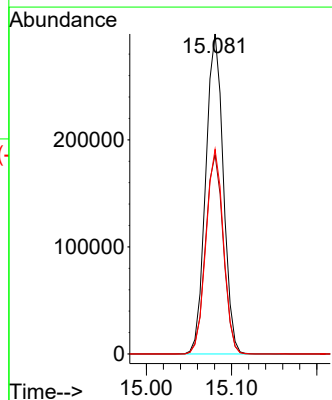
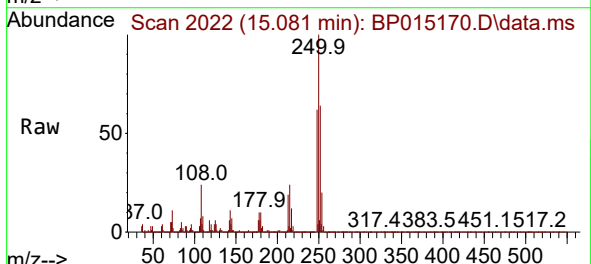
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

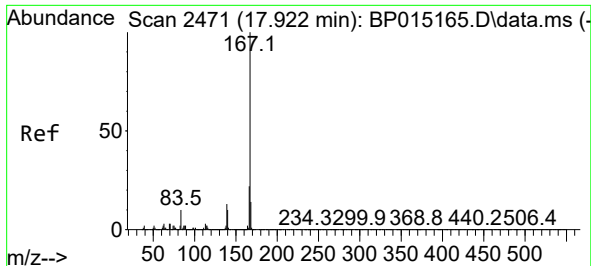
Tgt Ion:216 Resp: 431440
Ion Ratio Lower Upper
216 100
214 76.1 62.2 93.4
218 47.9 38.2 57.2



#76
Pentachlorobenzene
Concen: 20.142 ng/uL
RT: 15.081 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:250 Resp: 427504
Ion Ratio Lower Upper
250 100
248 62.2 49.8 74.6
252 64.0 51.6 77.4

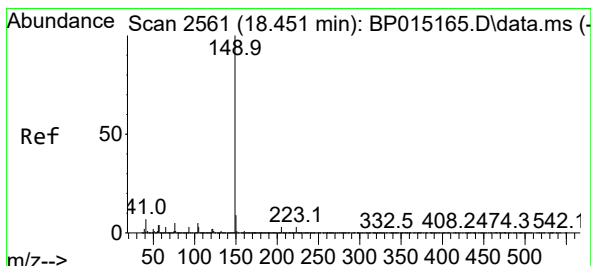
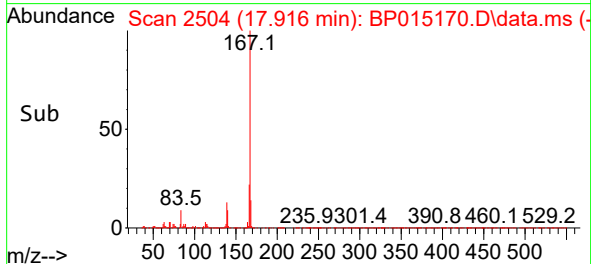
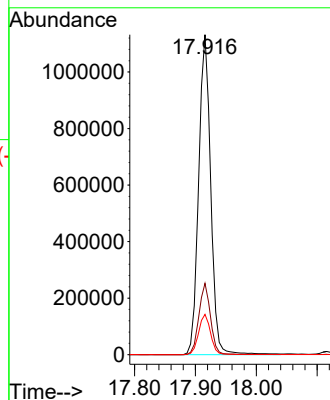
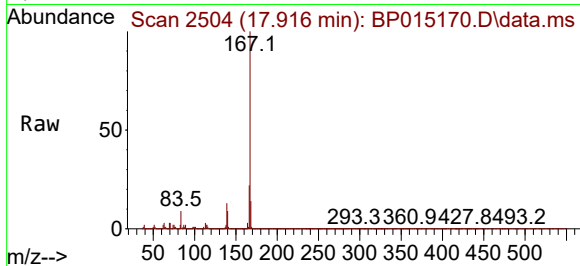




#77
 Carbazole
 Concen: 21.624 ng/ul
 RT: 17.916 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP015170.D
 Acq: 19 May 2023 13:40

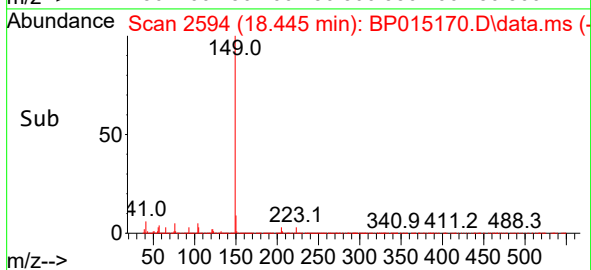
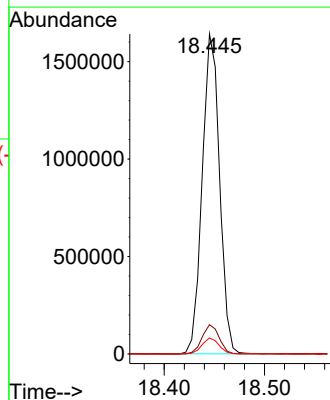
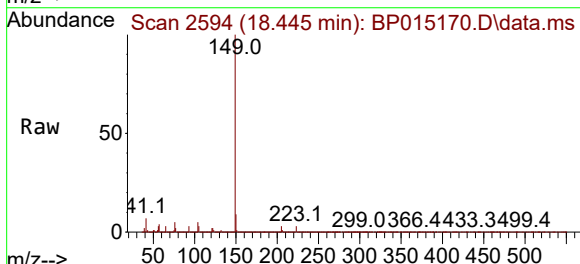
Instrument :
 BNA_P
 ClientSampleId :
 JREA0MSD

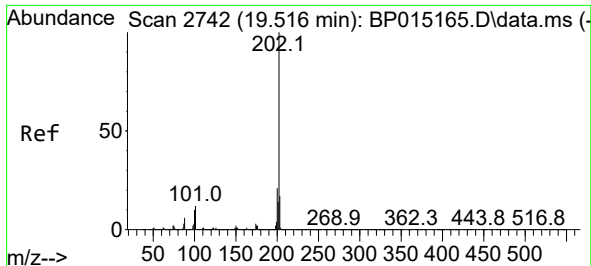
Tgt Ion:167 Resp: 1556612
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.2
 139 12.6 10.2 15.4



#78
 Di-n-butylphthalate
 Concen: 21.313 ng/ul
 RT: 18.445 min Scan# 2594
 Delta R.T. -0.006 min
 Lab File: BP015170.D
 Acq: 19 May 2023 13:40

Tgt Ion:149 Resp: 1975768
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.0 3.9 5.9

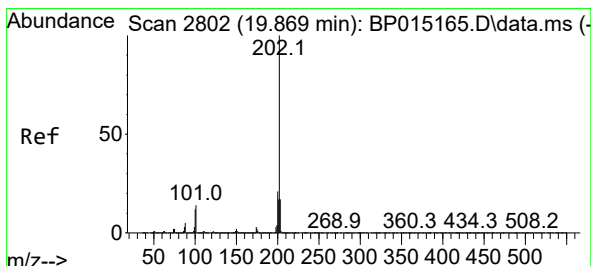
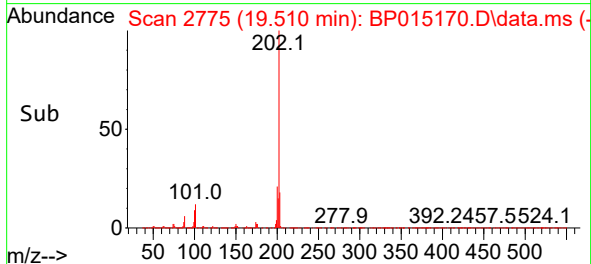
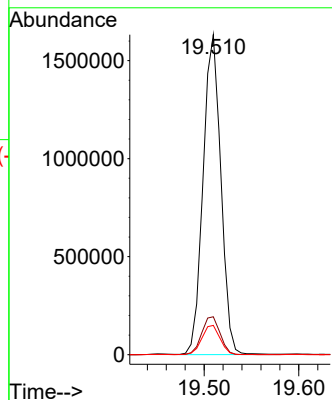
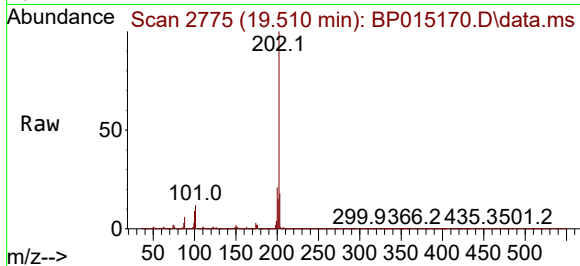




#80
Fluoranthene
Concen: 22.702 ng/ul
RT: 19.510 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

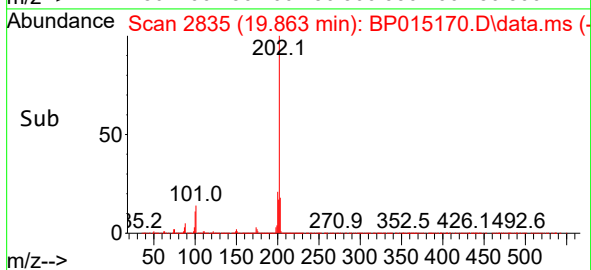
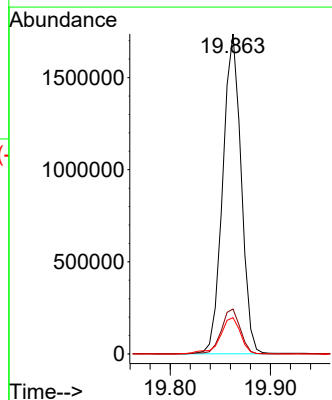
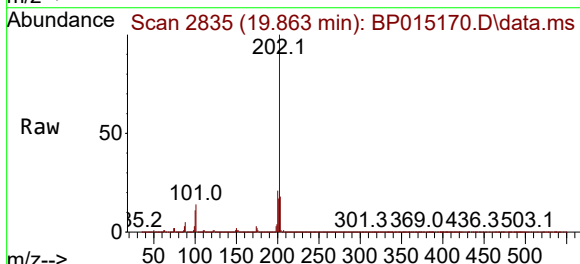
Instrument :
BNA_P
ClientSampleId :
JREA0MSD

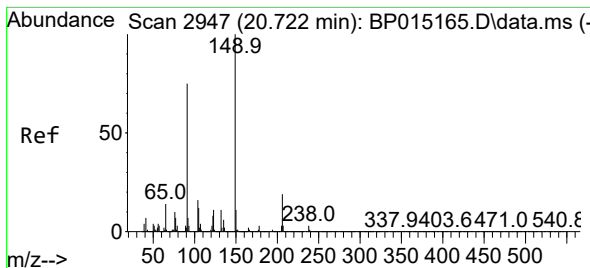
Tgt Ion:202 Resp: 2127930
Ion Ratio Lower Upper
202 100
101 11.8 9.5 14.3
100 9.1 7.3 10.9



#82
Pyrene
Concen: 22.828 ng/ul
RT: 19.863 min Scan# 2835
Delta R.T. -0.006 min
Lab File: BP015170.D
Acq: 19 May 2023 13:40

Tgt Ion:202 Resp: 2209644
Ion Ratio Lower Upper
202 100
101 14.0 11.2 16.8
100 11.4 9.0 13.6





#83

Butylbenzylphthalate

Concen: 21.273 ng/ul

RT: 20.716 min Scan# 2947

Delta R.T. -0.006 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

Instrument :

BNA_P

ClientSampleId :

JREA0MSD

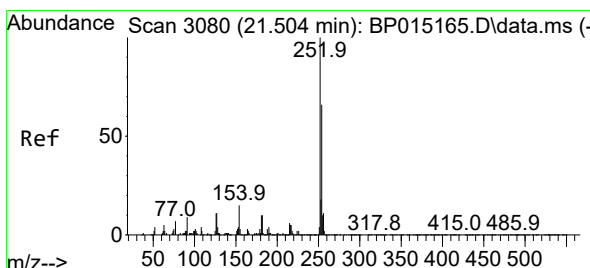
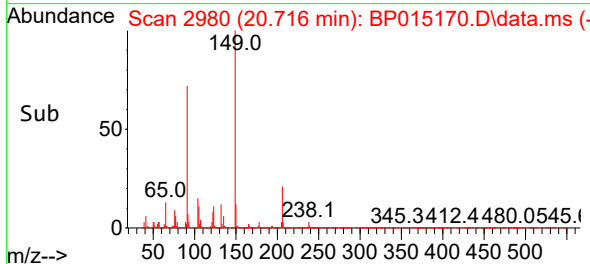
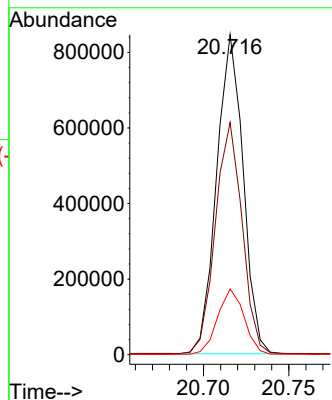
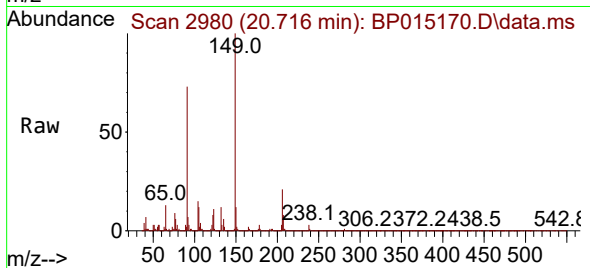
Tgt Ion:149 Resp: 912858

Ion Ratio Lower Upper

149 100

91 72.5 57.4 86.2

206 20.6 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 16.003 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

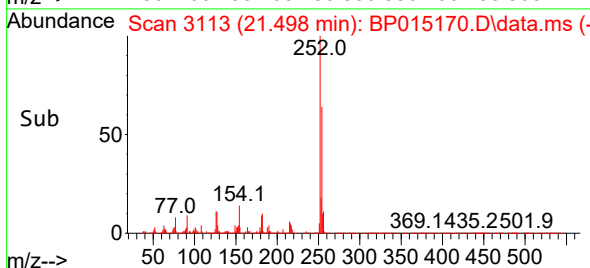
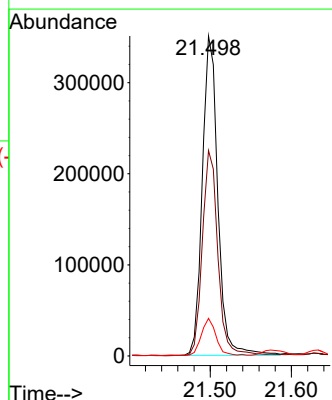
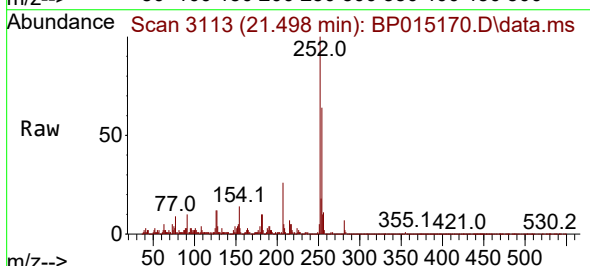
Tgt Ion:252 Resp: 466016

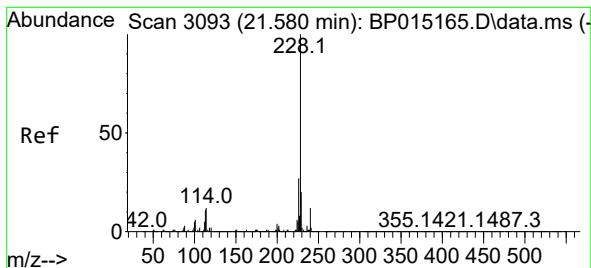
Ion Ratio Lower Upper

252 100

254 64.2 50.8 76.2

126 11.7 9.8 14.8





#85

Benzo(a)anthracene

Concen: 22.427 ng/ul

RT: 21.574 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

Instrument :

BNA_P

ClientSampleId :

JREA0MSD

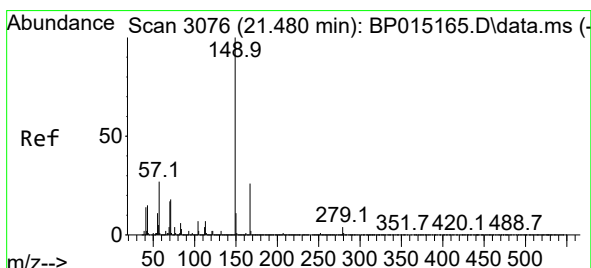
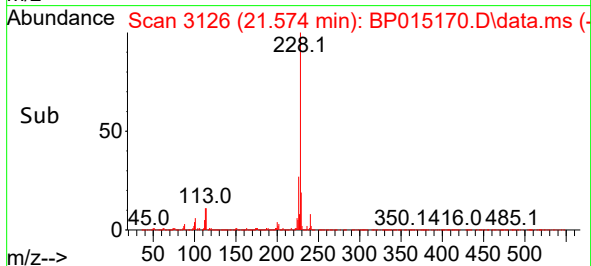
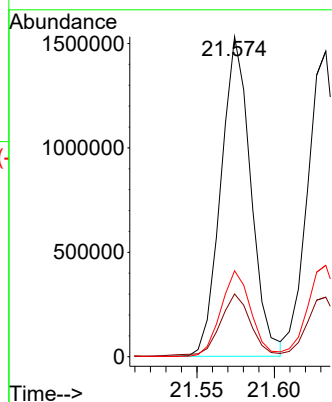
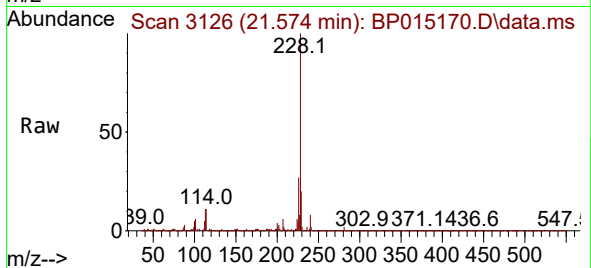
Tgt Ion:228 Resp: 2056131

Ion Ratio Lower Upper

228 100

229 19.6 16.1 24.1

226 26.9 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.687 ng/ul

RT: 21.474 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

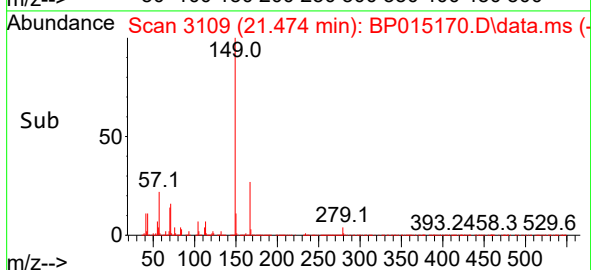
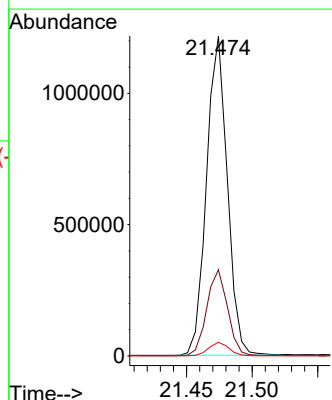
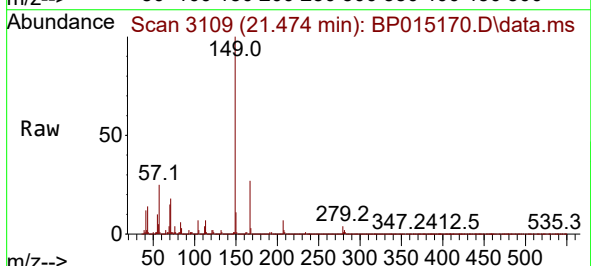
Tgt Ion:149 Resp: 1339766

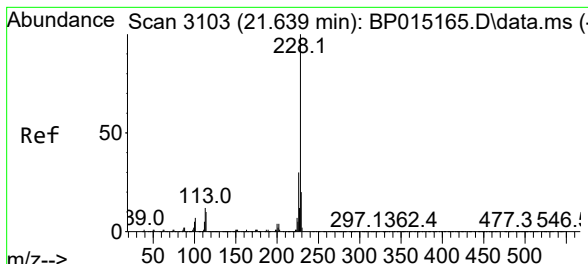
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.6

279 4.3 3.2 4.8



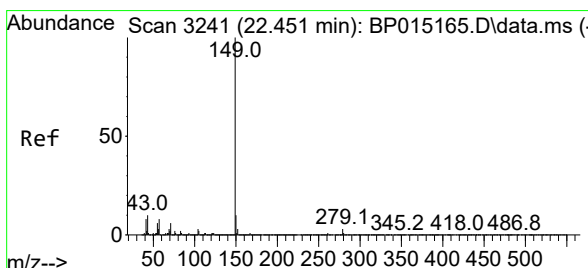
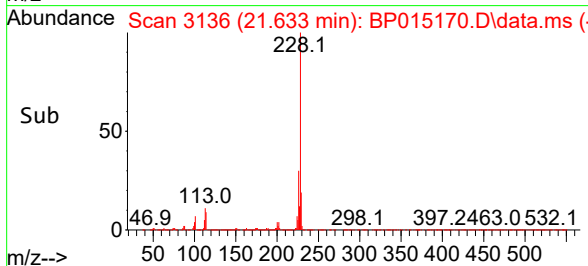
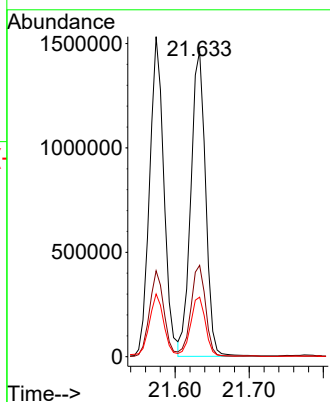
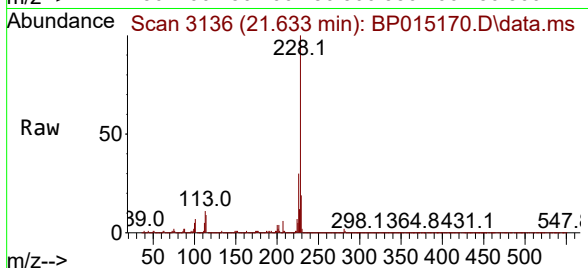


#87
 Chrysene
 Concen: 23.060 ng/ul
 RT: 21.633 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP015170.D
 Acq: 19 May 2023 13:40

Instrument :
 BNA_P
 ClientSampleId :
 JREA0MSD

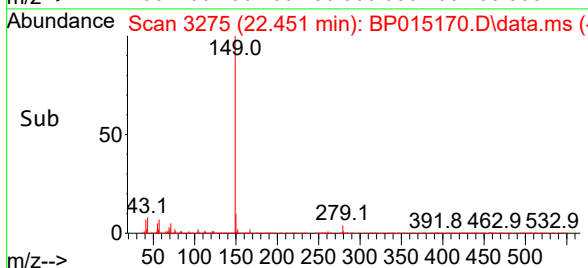
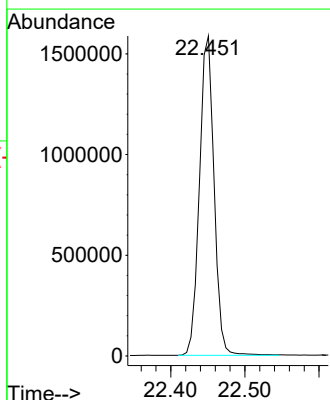
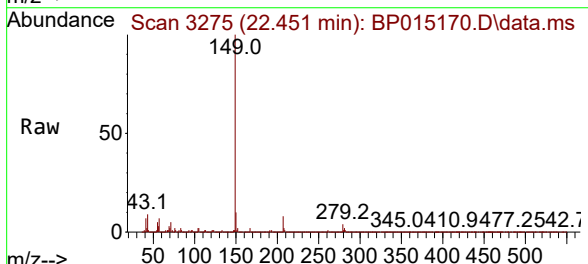
Tgt Ion:228 Resp: 2021027

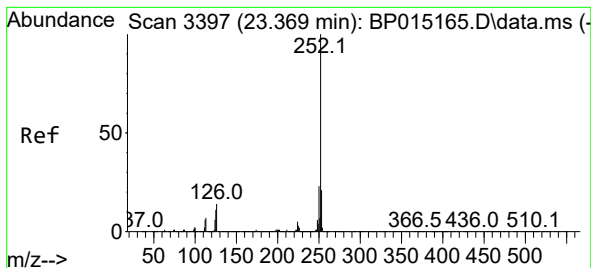
Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.5	16.1	24.1



#89
 Di-n-octyl phthalate
 Concen: 22.724 ng/ul
 RT: 22.451 min Scan# 3275
 Delta R.T. -0.000 min
 Lab File: BP015170.D
 Acq: 19 May 2023 13:40

Tgt Ion:149 Resp: 2170017





#90

Benzo(b)fluoranthene

Concen: 24.356 ng/ul

RT: 23.362 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

Instrument :

BNA_P

ClientSampleId :

JREA0MSD

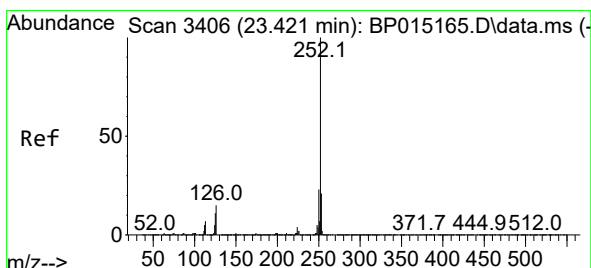
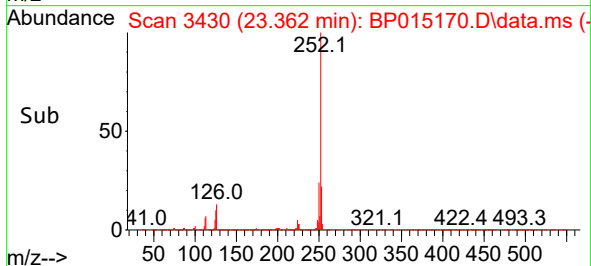
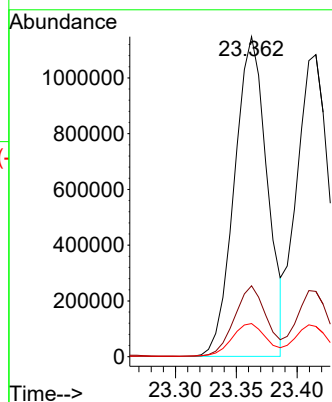
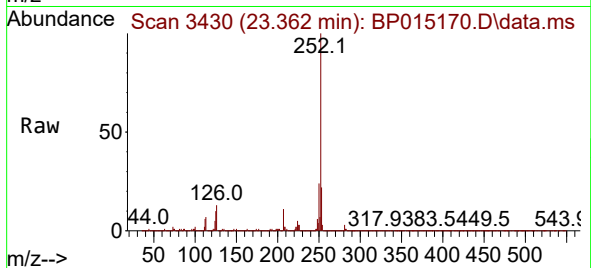
Tgt Ion:252 Resp: 2152855

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 10.4 8.3 12.5



#91

Benzo(k)fluoranthene

Concen: 23.797 ng/ul

RT: 23.415 min Scan# 3439

Delta R.T. -0.006 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

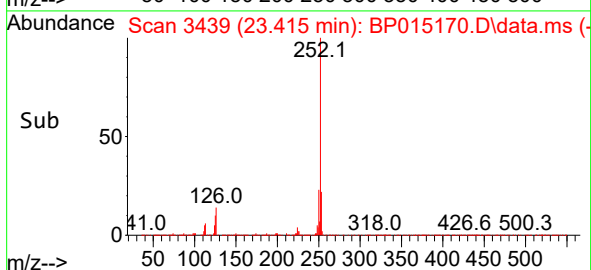
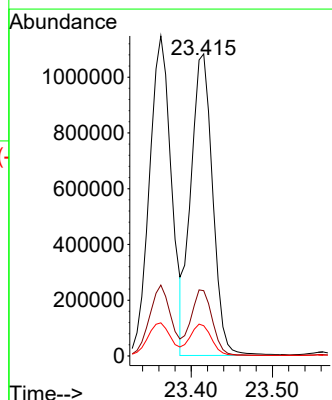
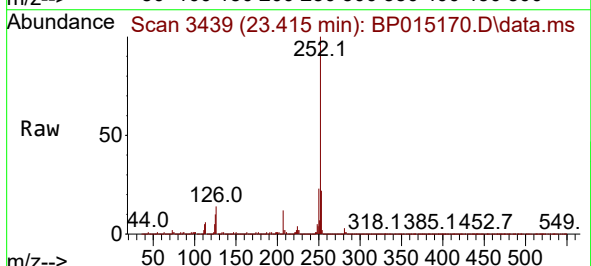
Tgt Ion:252 Resp: 2019814

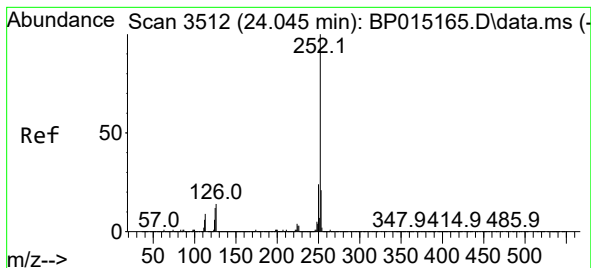
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.0 8.5 12.7





#93

Benzo(a)pyrene

Concen: 21.517 ng/ul

RT: 24.039 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

Instrument :

BNA_P

ClientSampleId :

JREA0MSD

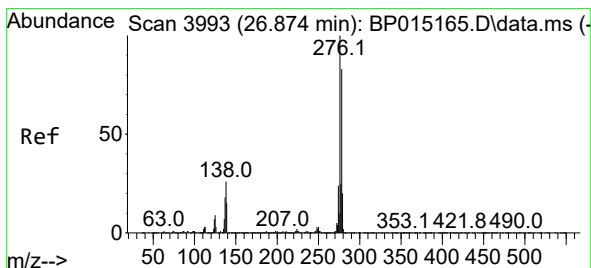
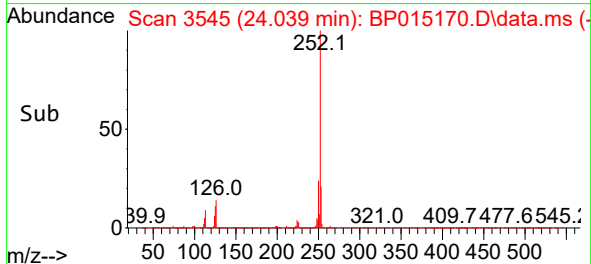
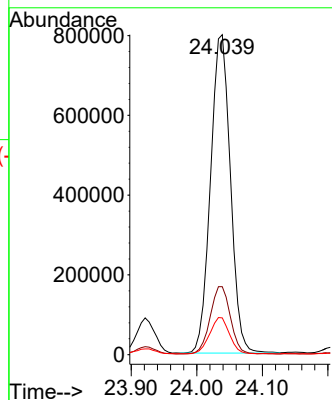
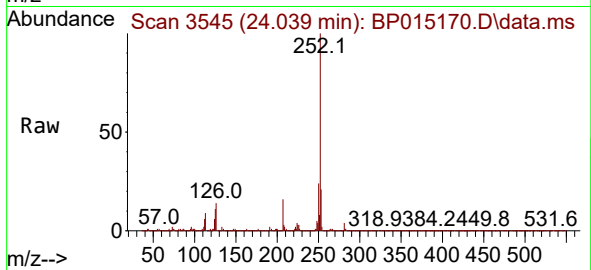
Tgt Ion:252 Resp: 1681084

Ion Ratio Lower Upper

252 100

253 21.2 17.2 25.8

125 11.5 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.262 ng/ul

RT: 26.856 min Scan# 4024

Delta R.T. -0.012 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

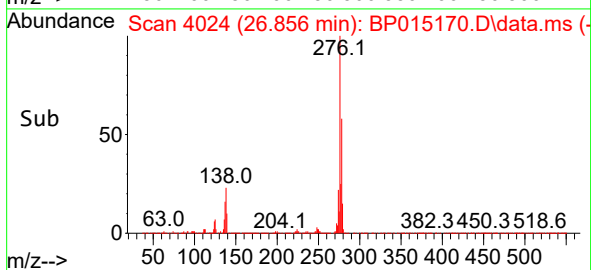
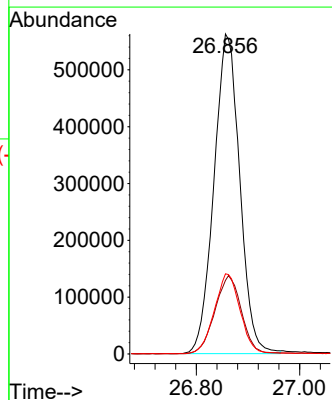
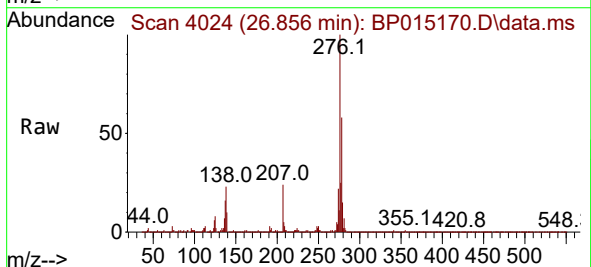
Tgt Ion:276 Resp: 1948616

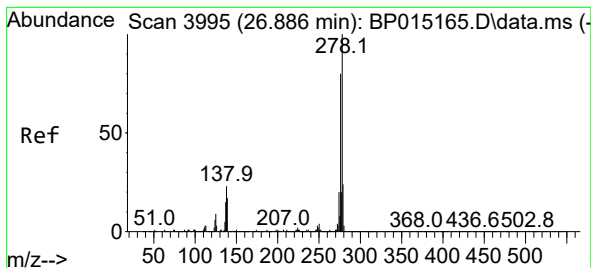
Ion Ratio Lower Upper

276 100

138 23.0 20.1 30.1

277 25.1 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 18.828 ng/ul

RT: 26.874 min Scan# 4166

Delta R.T. -0.012 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

Instrument :

BNA_P

ClientSampleId :

JREA0MSD

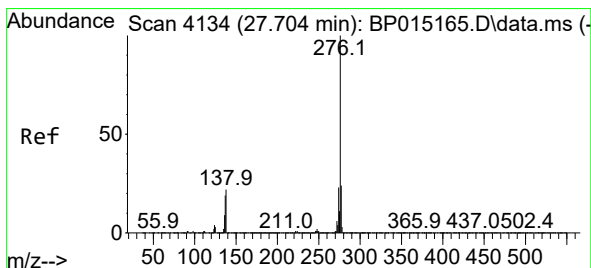
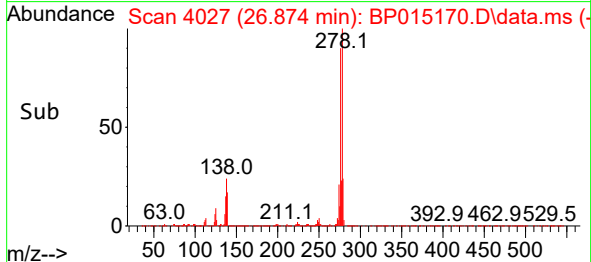
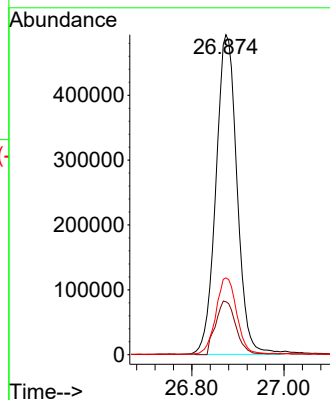
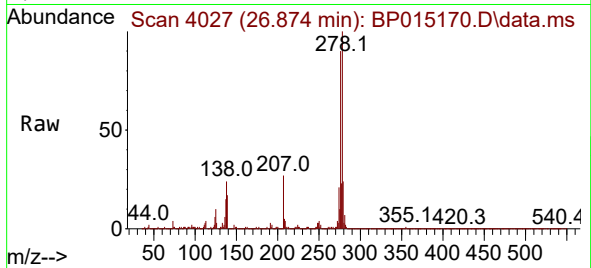
Tgt Ion:278 Resp: 1563573

Ion Ratio Lower Upper

278 100

139 16.6 13.3 19.9

279 24.0 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 18.760 ng/ul

RT: 27.692 min Scan# 4166

Delta R.T. -0.012 min

Lab File: BP015170.D

Acq: 19 May 2023 13:40

Tgt Ion:276 Resp: 1547583

Ion Ratio Lower Upper

276 100

138 22.0 17.7 26.5

277 23.9 18.8 28.2

