

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102523\
 Data File : BP017819.D
 Acq On : 26 Oct 2023 00:57
 Operator : MA/JU
 Sample : 04953-09MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAT5MS

Quant Time: Oct 26 04:59:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	147114	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	551003	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.575	164	323317	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.369	188	658430	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	577220	20.000	ng/u1	0.00
88) Perylene-d12	24.063	264	604800	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	12389	3.133	ng/uL	0.02
4) Pyridine-d5	3.675	84	225	0.022	ng/u1	-0.02
7) Phenol-d5	7.046	99	197451	16.129	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	130131	17.212	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	164371	16.462	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	131971	13.727	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	76960	17.237	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.804	143	85110	17.253	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	156976	16.221	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.887	131	153706	12.137	ng/u1	0.00
46) Dimethylphthalate-d6	13.992	166	452767	16.682	ng/u1	-0.01
49) Acenaphthylene-d8	14.275	160	496482	16.403	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	57726	14.927	ng/u1	0.00
60) Fluorene-d10	15.581	176	379075	16.157	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.728	200	63295	14.594	ng/u1	0.00
73) Anthracene-d10	17.469	188	556049	16.526	ng/u1	0.00
81) Pyrene-d10	19.727	212	683369	18.883	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	589511	17.500	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	35459	8.453	ng/uL	99
6) Benzaldehyde	7.046	77	151435	22.995	ng/u1	95
8) Phenol	7.069	94	271046	22.455	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.322	93	224413	22.284	ng/u1	97
12) 2-Chlorophenol	7.440	128	219447	21.882	ng/u1	98
13) 2-Methylphenol	8.334	108	162816	17.873	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.399	45	181347	14.630	ng/u1	99
16) Acetophenone	8.740	105	370491	24.513	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.704	70	155596	21.704	ng/u1	98
18) 4-Methylphenol	8.669	108	187377	19.369	ng/u1	95
19) Hexachloroethane	8.940	117	105471	22.889	ng/u1	85
22) Nitrobenzene	9.134	77	279650	25.155	ng/u1	99
23) Isophorone	9.646	82	475281	23.908	ng/u1	97
25) 2-Nitrophenol	9.834	139	120443	22.873	ng/u1#	86
26) 2,4-Dimethylphenol	9.881	107	65935	6.380	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.134	93	285585	23.227	ng/u1	96
29) 2,4-Dichlorophenol	10.357	162	201082	21.730	ng/u1	95
30) Naphthalene	10.763	128	690730	21.783	ng/u1	99
32) 4-Chloroaniline	10.910	127	198118	16.337	ng/u1	100
33) Hexachlorobutadiene	10.981	225	149471	19.894	ng/u1	99
34) Caprolactam	11.746	113	53170	22.315	ng/u1	94
35) 4-Chloro-3-methylphenol	12.022	107	199802	22.935	ng/u1	91
36) 2-Methylnaphthalene	12.381	142	465529	21.734	ng/u1	99
37) 1-Methylnaphthalene	12.604	142	454721	20.759	ng/u1	99

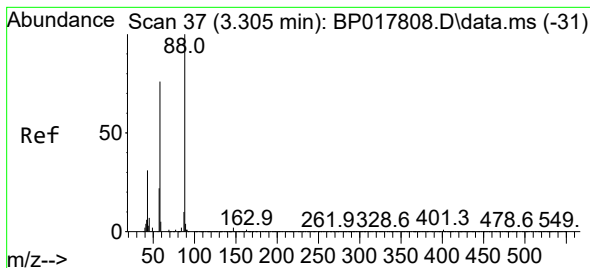
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.734	216	250360	20.927	ng/ul#	97
40) Hexachlorocyclopentadiene	12.675	237	92186	13.412	ng/ul	98
41) 2,4,6-Trichlorophenol	12.998	196	155120	21.604	ng/ul	96
42) 2,4,5-Trichlorophenol	13.069	196	165818	22.338	ng/ul	98
43) 1,1'-Biphenyl	13.404	154	611040	22.940	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	478124	22.205	ng/ul	96
45) 2-Nitroaniline	13.698	65	139785	28.568	ng/ul	92
47) Dimethylphthalate	14.045	163	608948	22.765	ng/ul	98
48) 2,6-Dinitrotoluene	14.192	165	121663	24.710	ng/ul	90
50) Acenaphthylene	14.304	152	770074	22.713	ng/ul	98
51) 3-Nitroaniline	14.539	138	103388	22.079	ng/ul	96
52) Acenaphthene	14.639	153	510004	22.251	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	47579	17.215	ng/ul	88
55) 4-Nitrophenol	14.839	109	100608	24.576	ng/ul	94
56) Dibenzofuran	14.981	168	704352	21.888	ng/ul	92
57) 2,4-Dinitrotoluene	14.986	165	177300	24.399	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.204	232	135801	20.615	ng/ul#	87
59) Diethylphthalate	15.404	149	623945	24.159	ng/ul	97
61) Fluorene	15.639	166	584420	22.109	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	297054	21.143	ng/ul	92
63) 4-Nitroaniline	15.716	138	103183	24.430	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.745	198	99144	21.343	ng/ul#	90
67) N-Nitrosodiphenylamine	15.863	169	474770	23.801	ng/ul	100
68) 4-Bromophenyl-phenylether	16.539	248	170992	22.195	ng/ul#	90
69) Hexachlorobenzene	16.622	284	184374	20.846	ng/ul#	90
70) Atrazine	16.828	200	156924	21.404	ng/ul	98
71) Pentachlorophenol	16.998	266	90423	17.005	ng/ul	99
72) Phenanthrene	17.410	178	931010	24.138	ng/ul	100
74) Anthracene	17.504	178	888245	22.737	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	244618	22.142	ng/uL	98
76) Pentachlorobenzene	14.869	250	217316	20.296	ng/uL	99
77) Carbazole	17.798	167	809464	24.517	ng/ul	99
78) Di-n-butylphthalate	18.310	149	1082165	28.232	ng/ul	99
80) Fluoranthene	19.398	202	1175569	28.273	ng/ul	99
82) Pyrene	19.757	202	1191467	27.048	ng/ul	97
83) Butylbenzylphthalate	20.627	149	486155	32.088	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.439	252	227479	17.443	ng/ul	99
85) Benzo(a)anthracene	21.492	228	1116692	25.448	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.374	149	708714	33.509	ng/ul	100
87) Chrysene	21.551	228	1060070	25.546	ng/ul	100
89) Di-n-octyl phthalate	22.351	149	1171754	30.587	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1055691	25.648	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	1058280	25.369	ng/ul	99
93) Benzo(a)pyrene	23.945	252	944508	24.443	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.774	276	1108048	24.060	ng/ul	96
95) Dibenzo(a,h)anthracene	26.798	278	897271	23.350	ng/ul	99
96) Benzo(g,h,i)perylene	27.615	276	522501	14.081	ng/ul	97

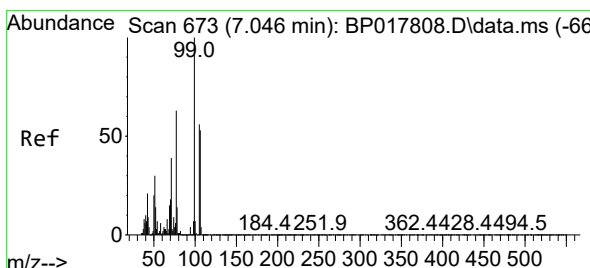
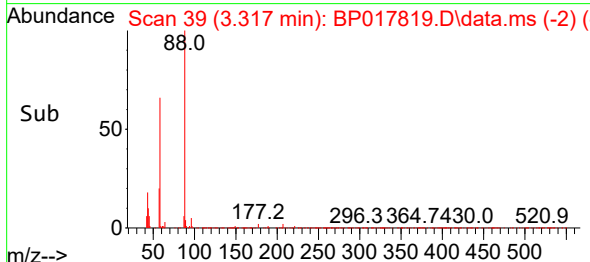
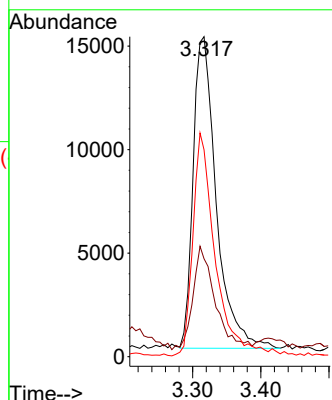
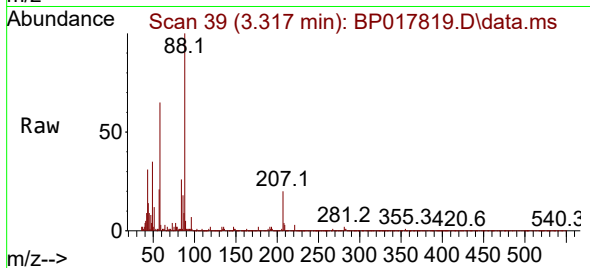
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#2
1,4-Dioxane
Concen: 8.453 ng/uL
RT: 3.317 min Scan# 39
Delta R.T. 0.018 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

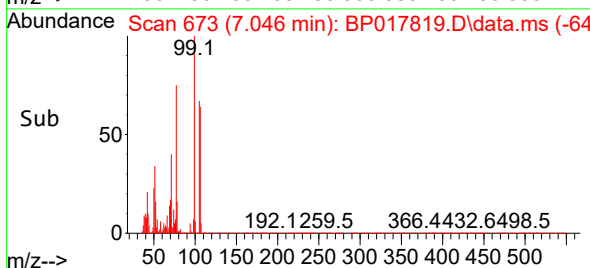
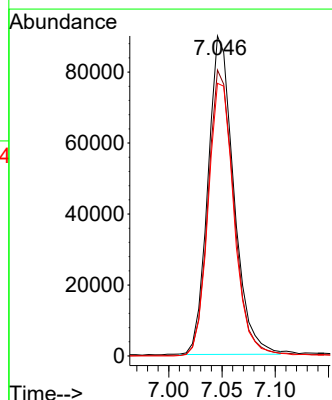
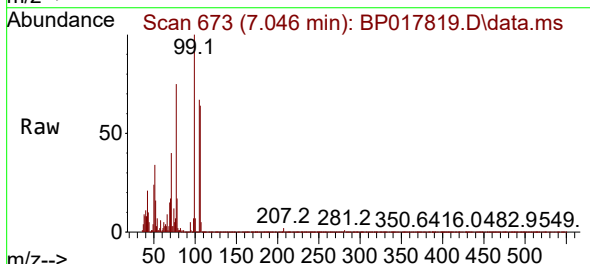
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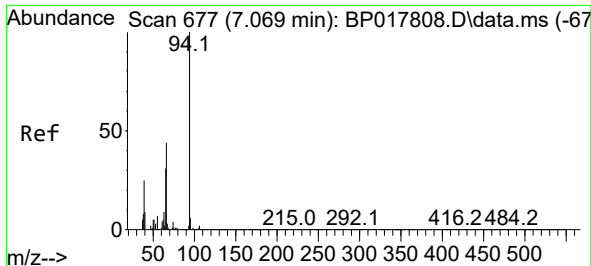
Tgt Ion: 88 Resp: 35459
Ion Ratio Lower Upper
88 100
43 30.6 24.4 36.6
58 64.6 53.0 79.6



#6
Benzaldehyde
Concen: 22.995 ng/uL
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion: 77 Resp: 151435
Ion Ratio Lower Upper
77 100
105 89.4 75.4 113.2
106 85.2 72.3 108.5

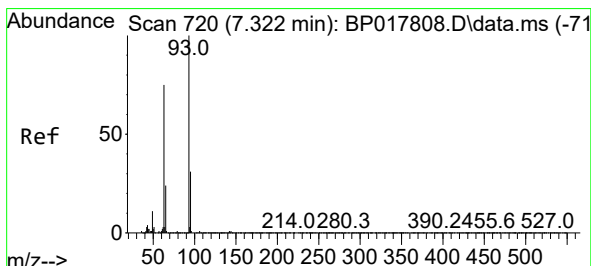
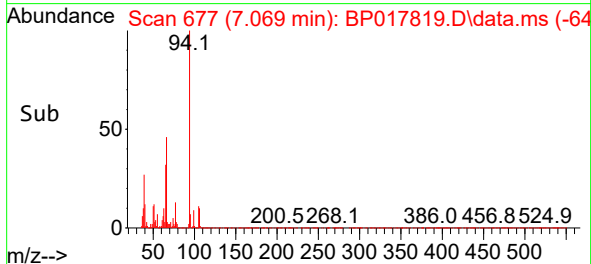
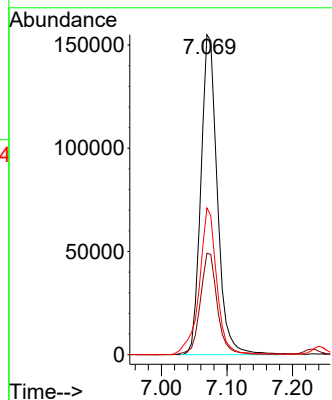
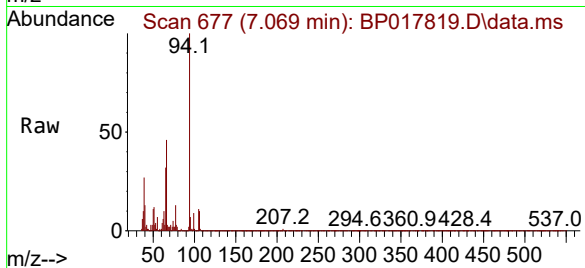




#8
Phenol
Concen: 22.455 ng/ul
RT: 7.069 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

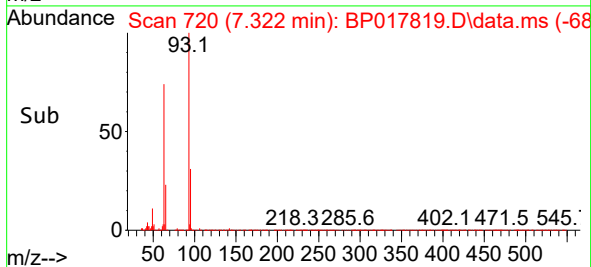
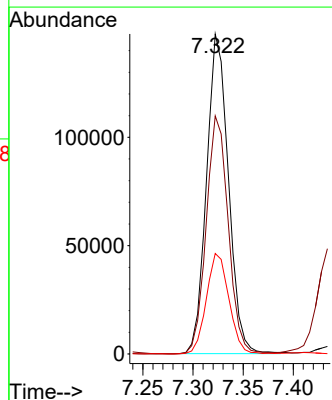
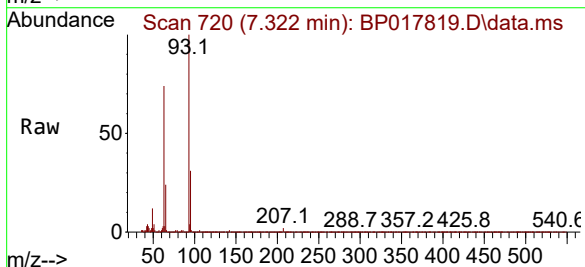
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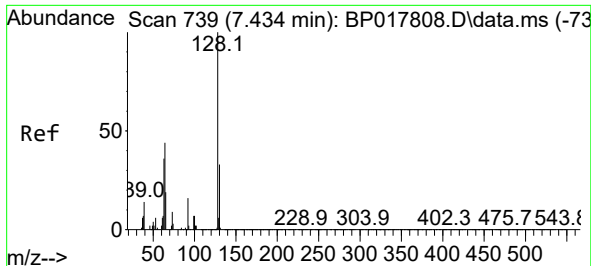
Tgt Ion: 94 Resp: 271046
Ion Ratio Lower Upper
94 100
65 31.7 25.0 37.4
66 45.8 33.0 49.6



#10
Bis(2-Chloroethyl)ether
Concen: 22.284 ng/ul
RT: 7.322 min Scan# 720
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion: 93 Resp: 224413
Ion Ratio Lower Upper
93 100
63 74.4 60.7 91.1
95 31.4 27.8 41.6

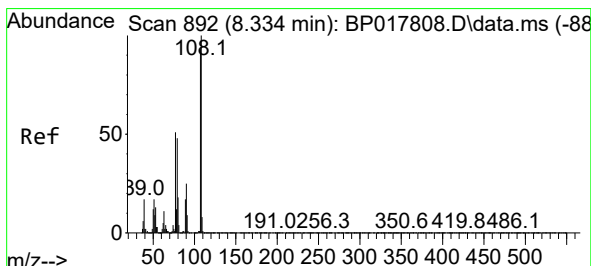
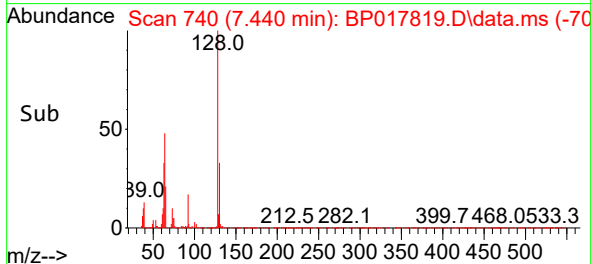
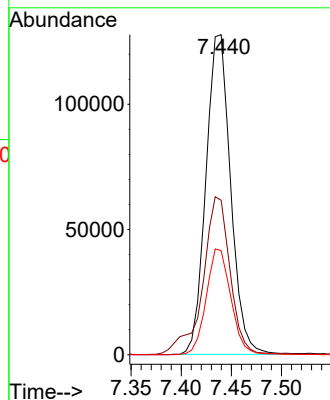
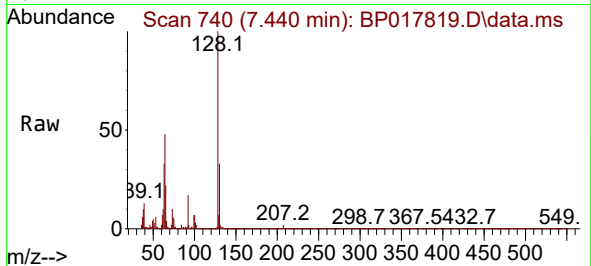




#12
2-Chlorophenol
Concen: 21.882 ng/ul
RT: 7.440 min Scan# 740
Delta R.T. -0.000 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

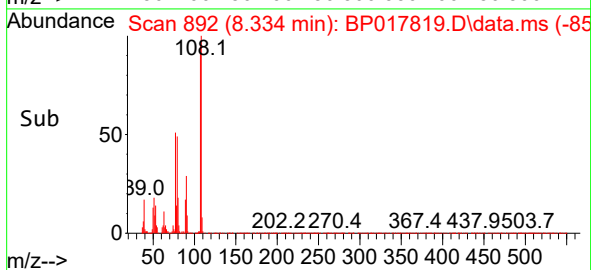
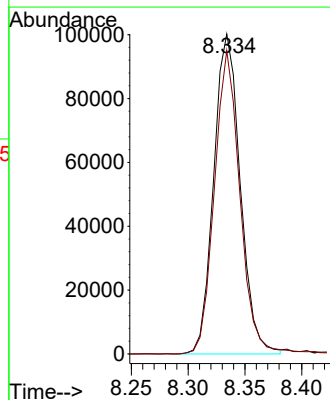
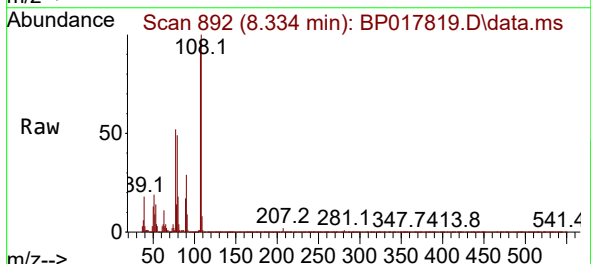
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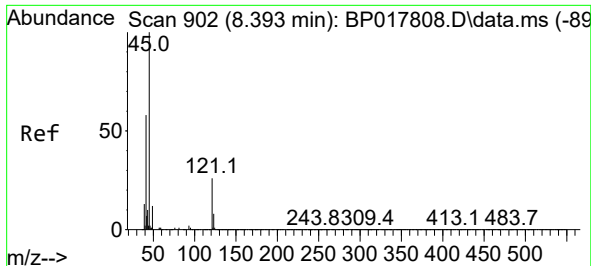
Tgt Ion:128 Resp: 219447
Ion Ratio Lower Upper
128 100
64 48.3 36.7 55.1
130 32.5 26.2 39.2



#13
2-Methylphenol
Concen: 17.873 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:108 Resp: 162816
Ion Ratio Lower Upper
108 100
107 94.8 73.4 110.2

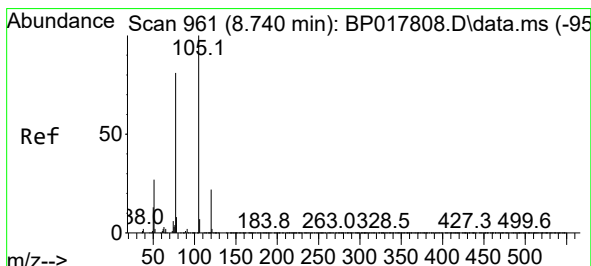
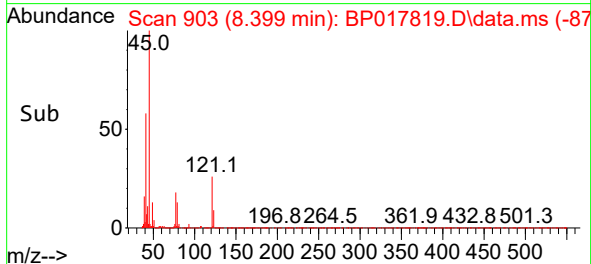
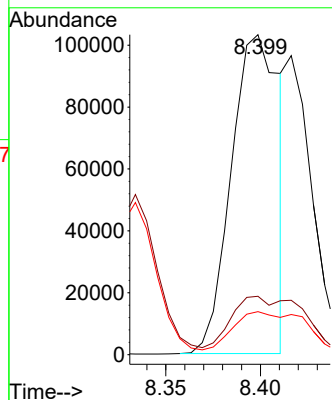
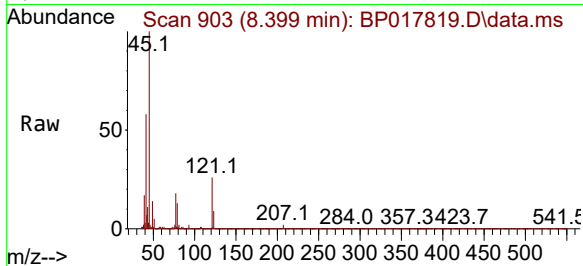




#14
2,2'-oxybis(1-Chloropropane)
Concen: 14.630 ng/ul
RT: 8.399 min Scan# 902
Delta R.T. -0.006 min
Lab File: BP017819.D
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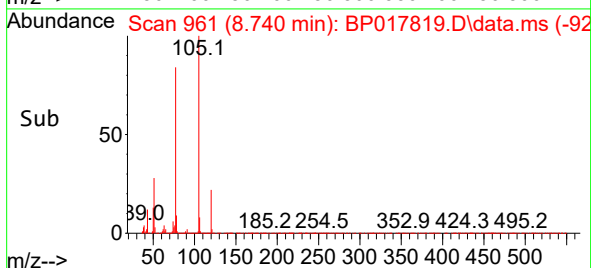
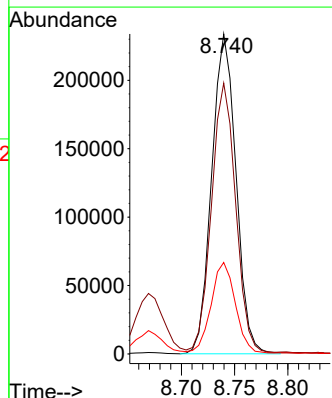
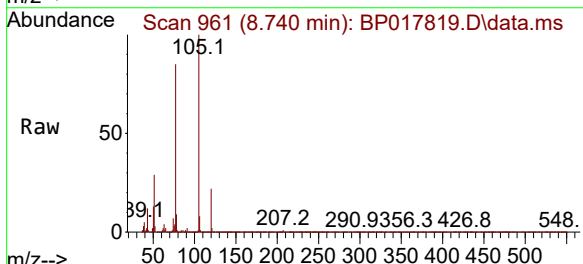
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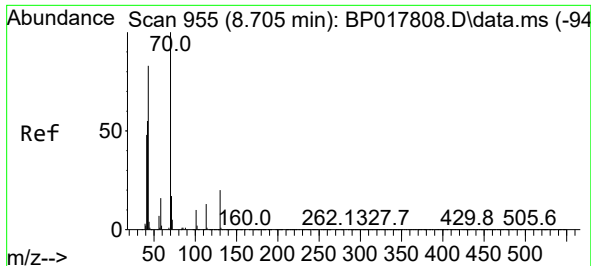
Tgt Ion: 45 Resp: 181347
Ion Ratio Lower Upper
45 100
77 18.3 14.2 21.4
79 13.4 10.3 15.5



#16
Acetophenone
Concen: 24.513 ng/ul
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion: 105 Resp: 370491
Ion Ratio Lower Upper
105 100
77 84.6 64.4 96.6
51 28.6 21.2 31.8

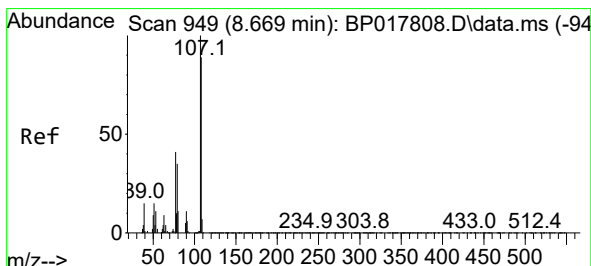
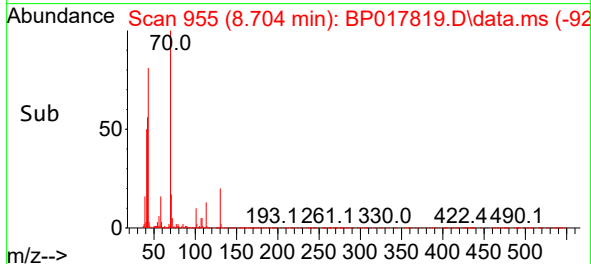
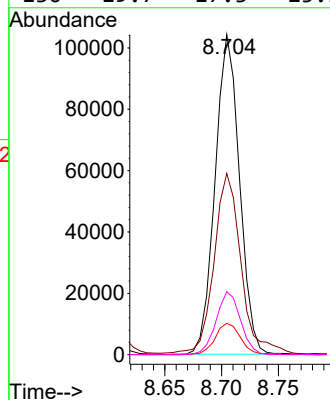
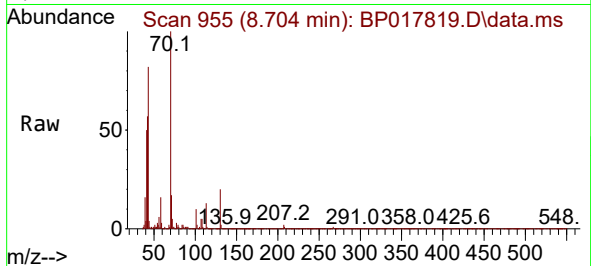




#17
N-Nitroso-di-n-propylamine
Concen: 21.704 ng/ul
RT: 8.704 min Scan# 911
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

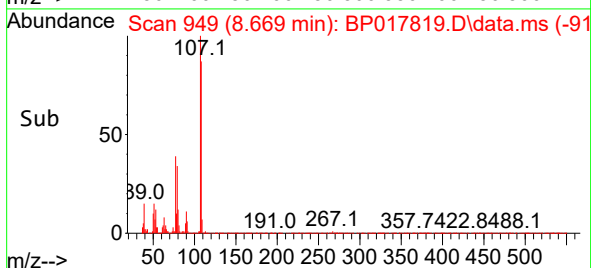
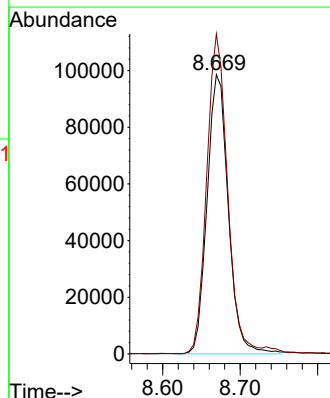
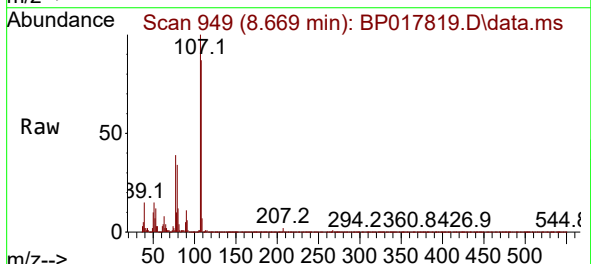
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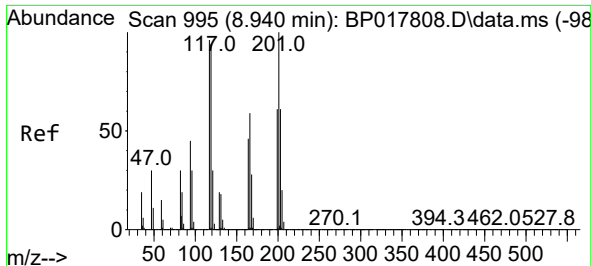
Tgt Ion: 70 Resp: 155596
Ion Ratio Lower Upper
70 100
42 56.6 44.6 66.8
101 9.8 7.5 11.3
130 19.7 17.3 25.9



#18
4-Methylphenol
Concen: 19.369 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion: 108 Resp: 187377
Ion Ratio Lower Upper
108 100
107 114.5 87.5 131.3

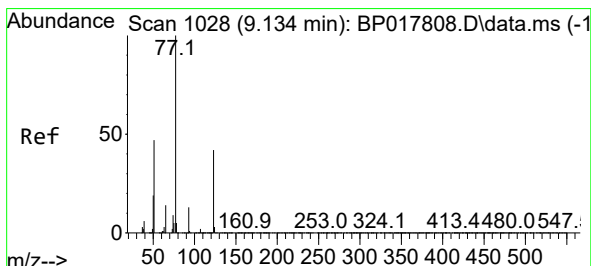
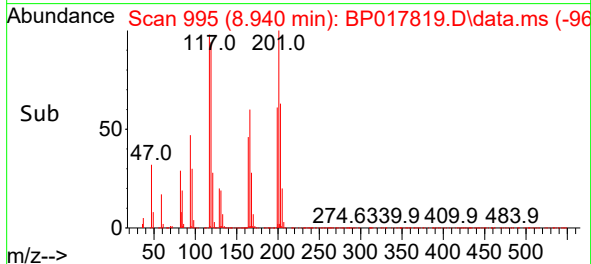
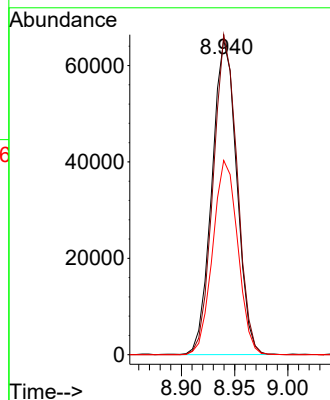
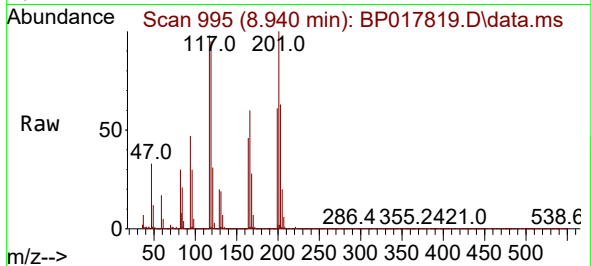




#19
Hexachloroethane
Concen: 22.889 ng/ul
RT: 8.940 min Scan# 995
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

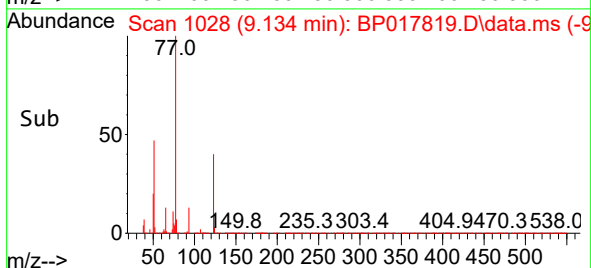
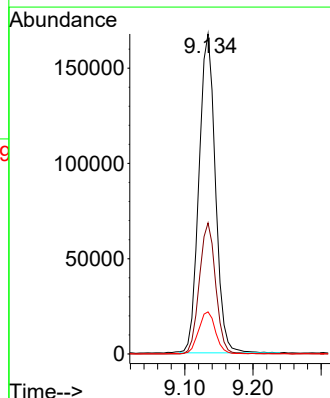
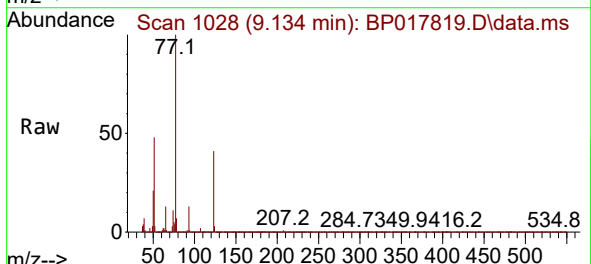
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

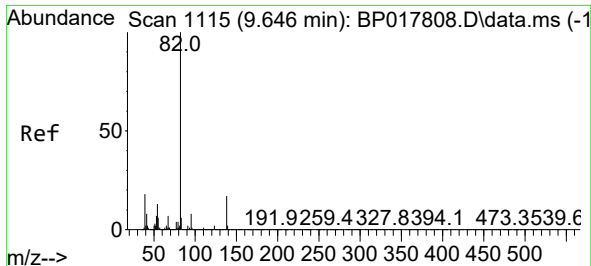
Tgt Ion:117 Resp: 105471
Ion Ratio Lower Upper
117 100
201 101.7 96.3 144.5
199 61.7 57.7 86.5



#22
Nitrobenzene
Concen: 25.155 ng/ul
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion: 77 Resp: 279650
Ion Ratio Lower Upper
77 100
123 41.0 33.5 50.3
65 13.2 10.8 16.2

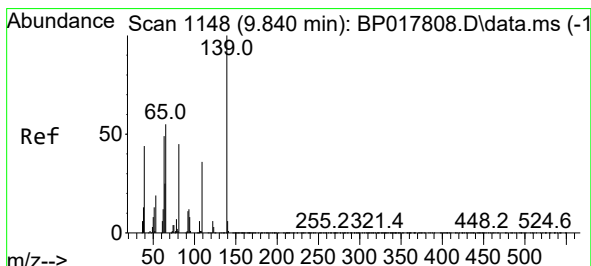
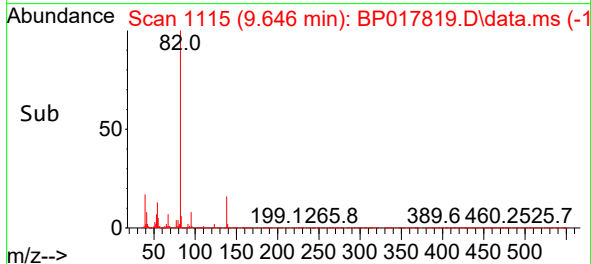
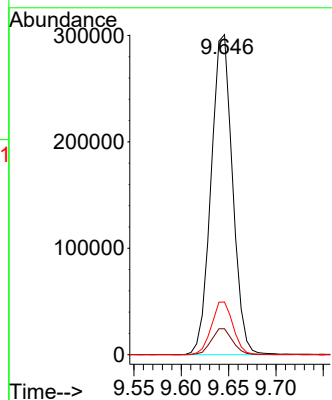
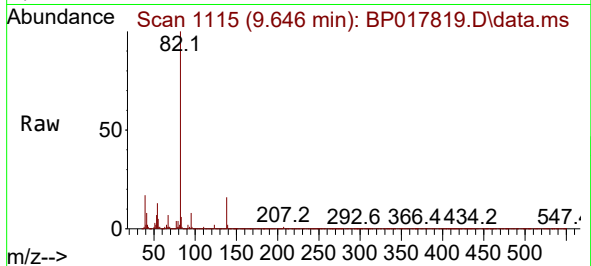




#23
Isophorone
Concen: 23.908 ng/ul
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

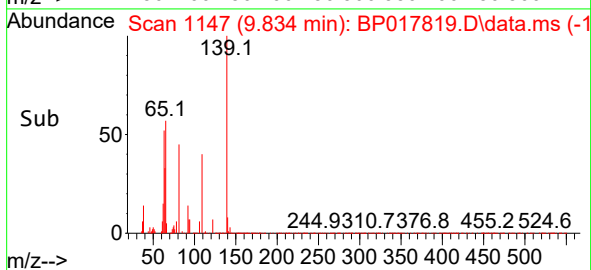
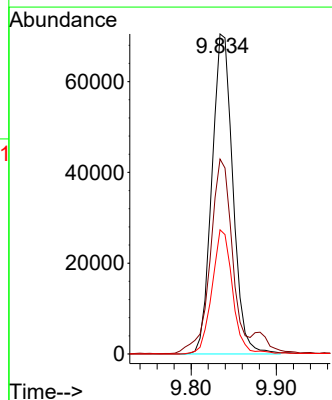
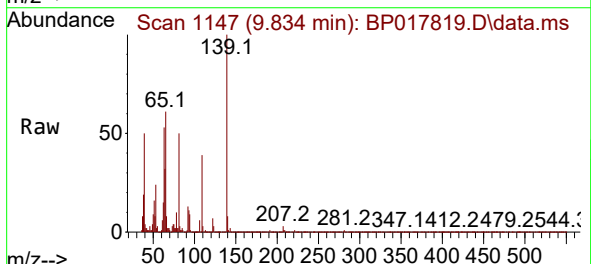
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

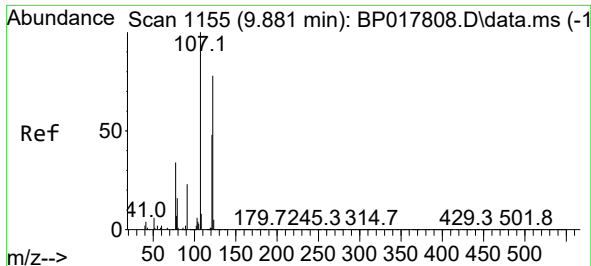
Tgt Ion: 82 Resp: 475281
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 16.4 14.4 21.6



#25
2-Nitrophenol
Concen: 22.873 ng/ul
RT: 9.834 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:139 Resp: 120443
Ion Ratio Lower Upper
139 100
65 60.9 40.4 60.6#
109 38.8 25.4 38.2#

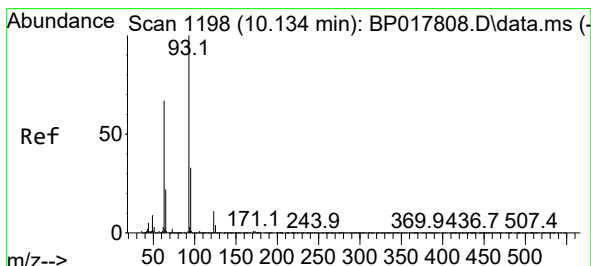
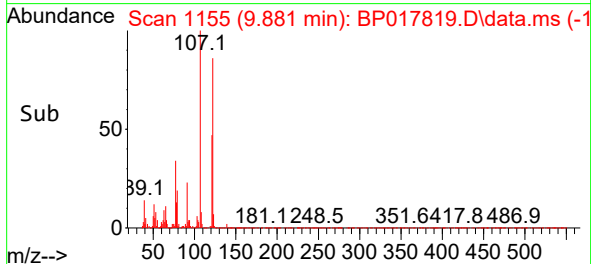
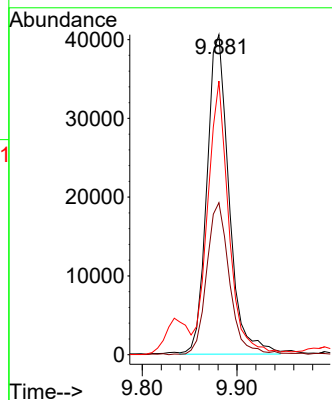
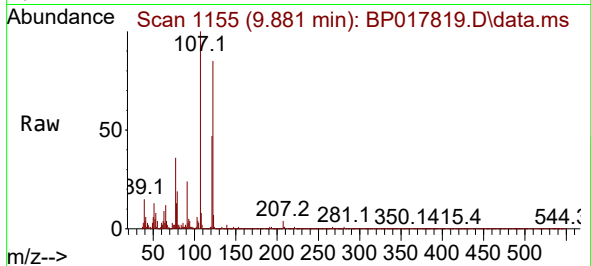




#26
2,4-Dimethylphenol
Concen: 6.380 ng/ul
RT: 9.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

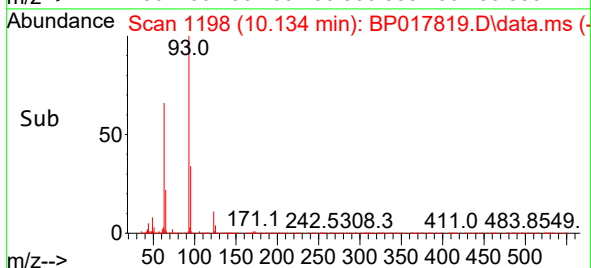
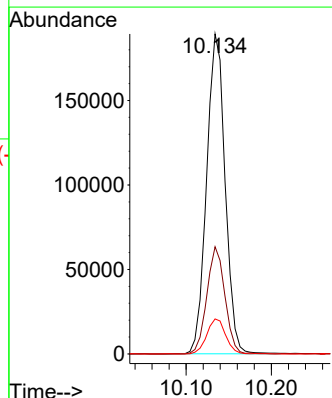
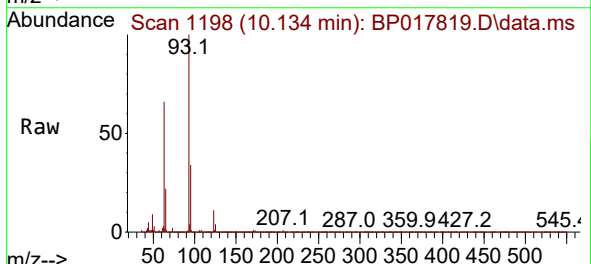
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

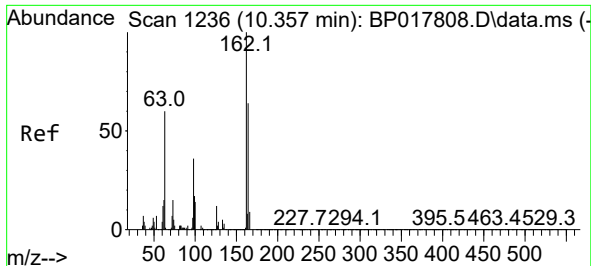
Tgt Ion:107 Resp: 65935
Ion Ratio Lower Upper
107 100
121 47.5 40.6 61.0
122 85.5 66.9 100.3



#27
Bis(2-Chloroethoxy)methane
Concen: 23.227 ng/ul
RT: 10.134 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion: 93 Resp: 285585
Ion Ratio Lower Upper
93 100
95 33.5 24.7 37.1
123 11.0 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 21.730 ng/ul

RT: 10.357 min Scan# 1236

Delta R.T. -0.012 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

Instrument :

BNA_P

ClientSampleId :

EOAT5MS

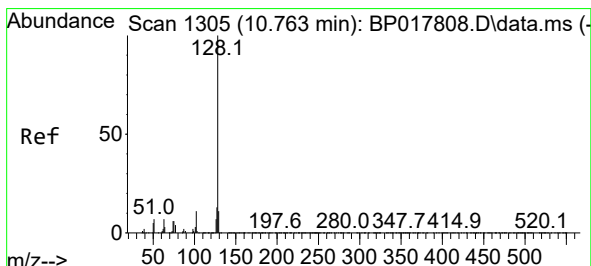
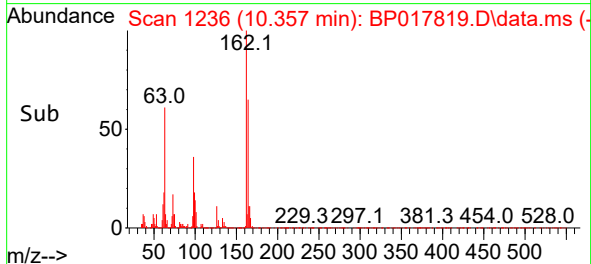
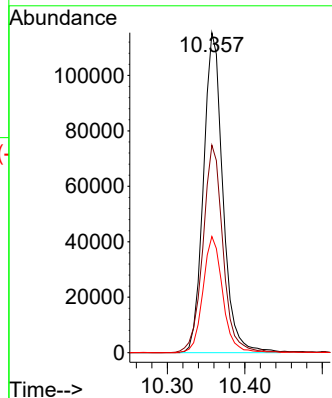
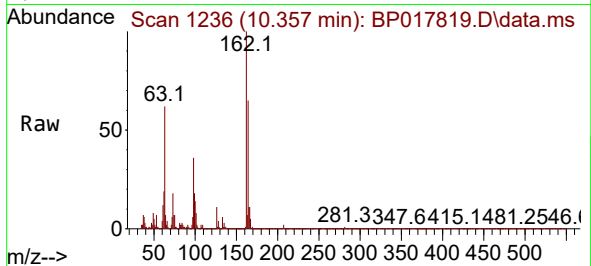
Tgt Ion:162 Resp: 201082

Ion Ratio Lower Upper

162 100

164 64.9 53.8 80.8

98 36.3 25.5 38.3



#30

Naphthalene

Concen: 21.783 ng/ul

RT: 10.763 min Scan# 1305

Delta R.T. -0.012 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

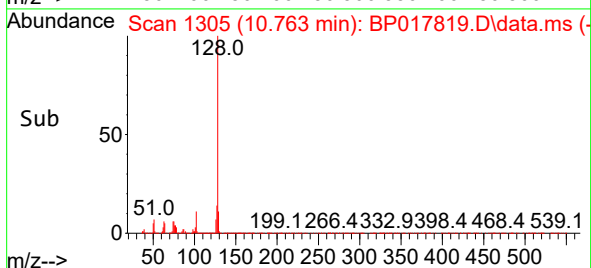
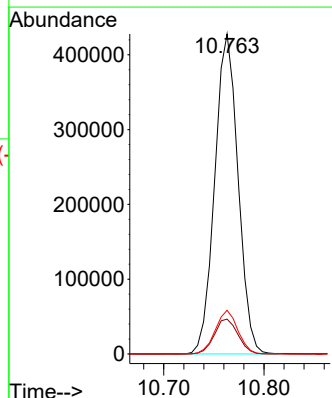
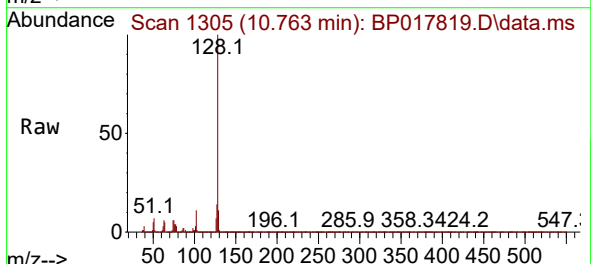
Tgt Ion:128 Resp: 690730

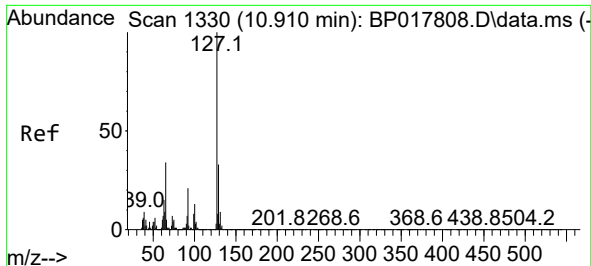
Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.7 10.5 15.7

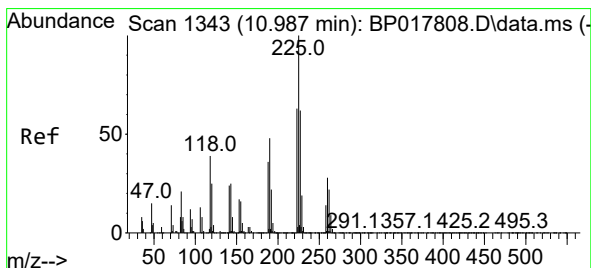
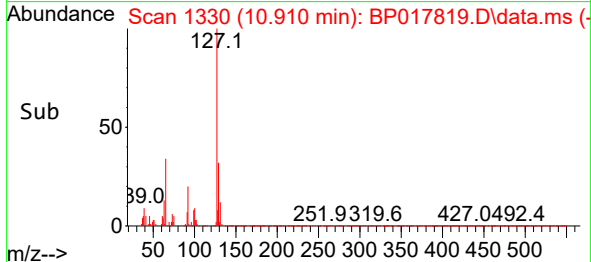
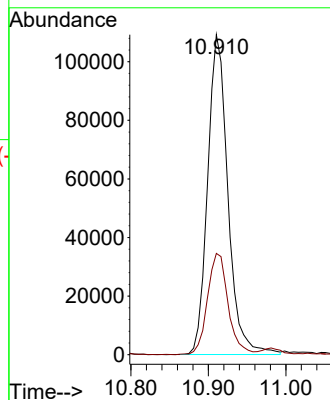
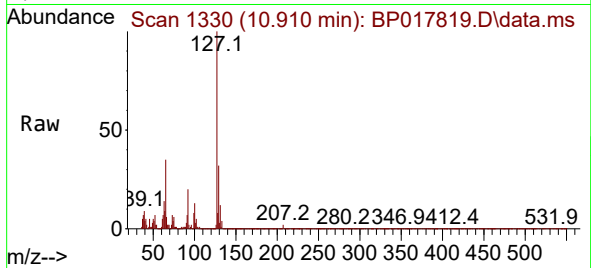




#32
4-Chloroaniline
Concen: 16.337 ng/ul
RT: 10.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

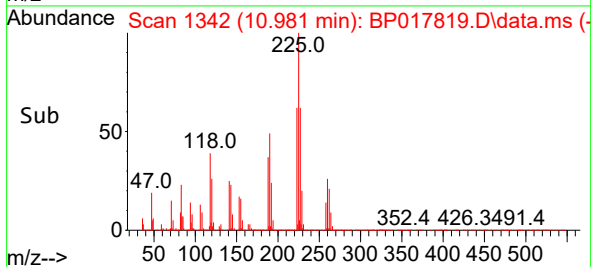
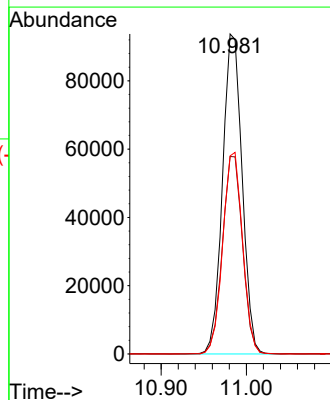
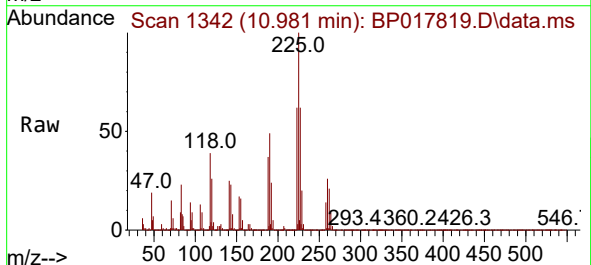
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

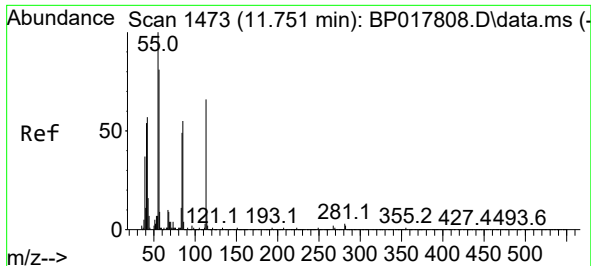
Tgt Ion:127 Resp: 198118
Ion Ratio Lower Upper
127 100
129 31.7 25.1 37.7



#33
Hexachlorobutadiene
Concen: 19.894 ng/ul
RT: 10.981 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:225 Resp: 149471
Ion Ratio Lower Upper
225 100
223 61.7 50.6 75.8
227 61.9 50.1 75.1

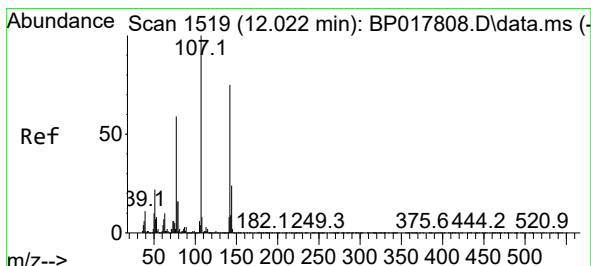
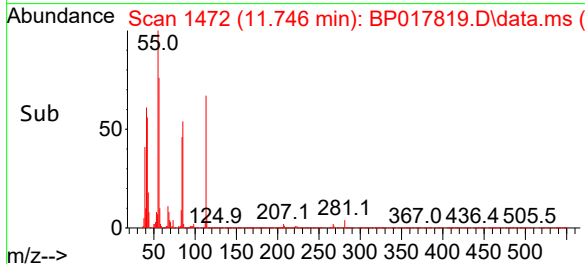
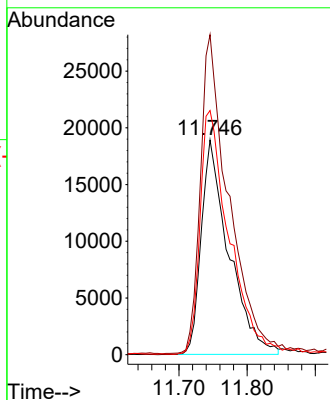
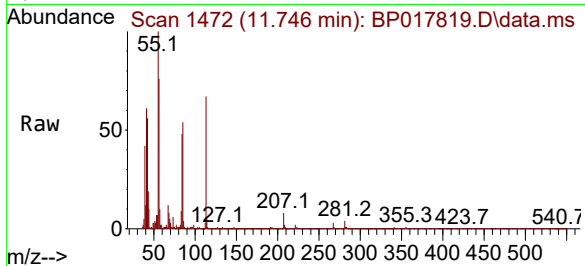




#34
Caprolactam
Concen: 22.315 ng/ul
RT: 11.746 min Scan# 1473
Delta R.T. -0.024 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

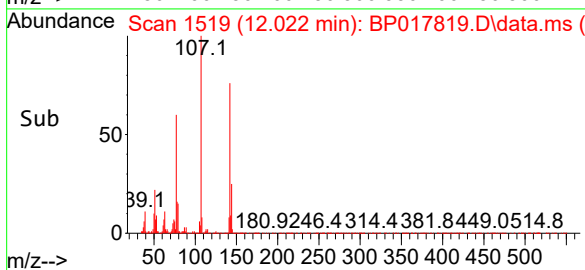
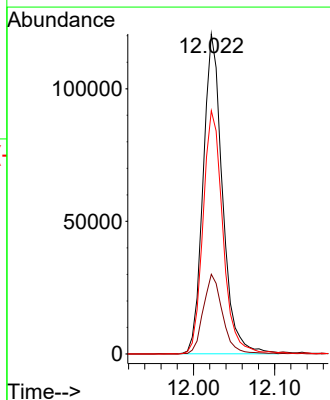
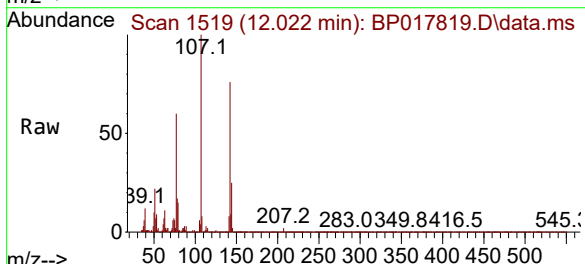
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

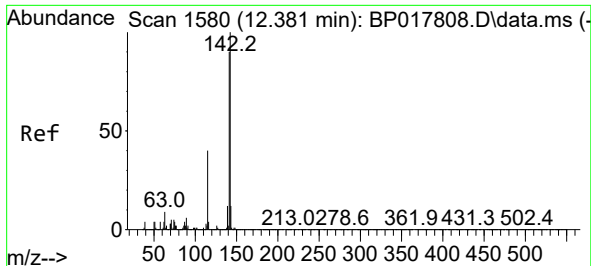
Tgt Ion:113 Resp: 53170
Ion Ratio Lower Upper
113 100
55 149.1 112.1 168.1
56 113.8 87.0 130.6



#35
4-Chloro-3-methylphenol
Concen: 22.935 ng/ul
RT: 12.022 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:107 Resp: 199802
Ion Ratio Lower Upper
107 100
144 24.9 22.9 34.3
142 76.0 68.1 102.1

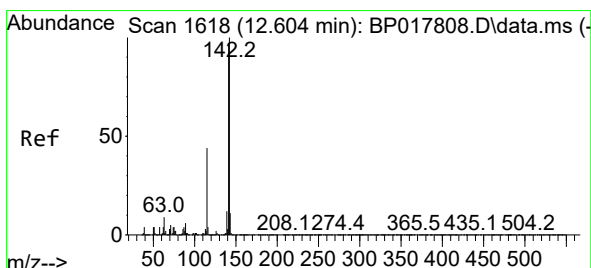
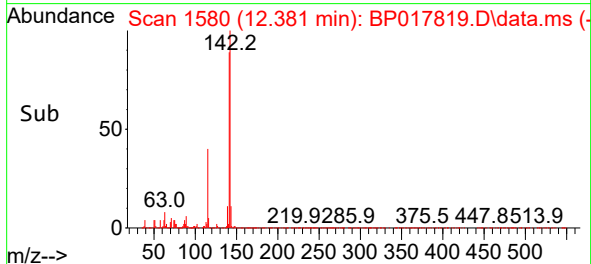
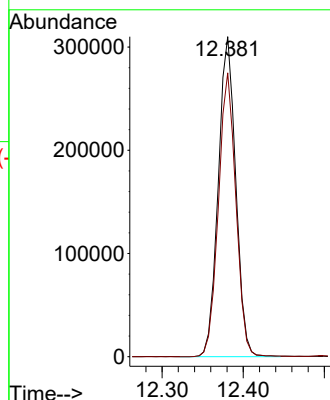
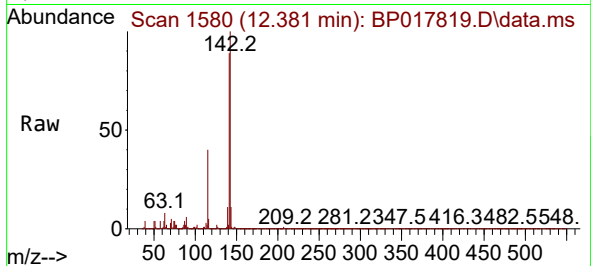




#36
2-Methylnaphthalene
Concen: 21.734 ng/ul
RT: 12.381 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

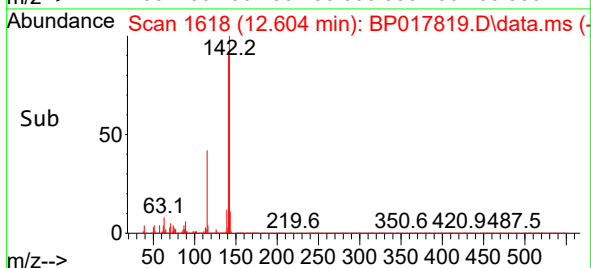
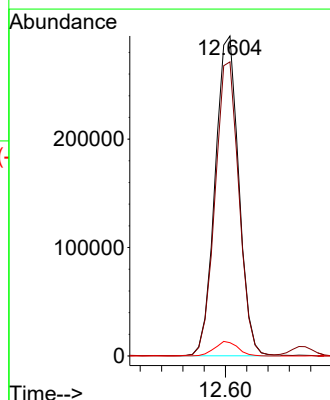
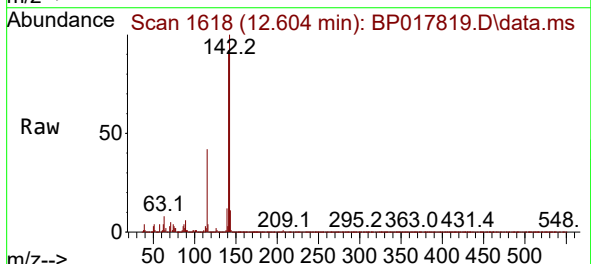
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

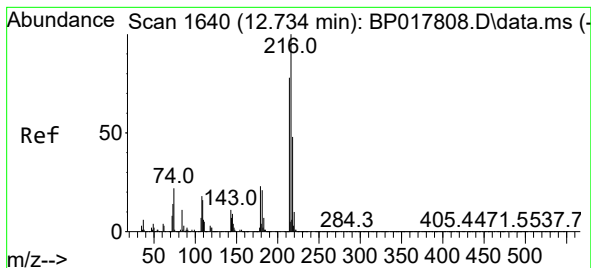
Tgt Ion:142 Resp: 465529
Ion Ratio Lower Upper
142 100
141 88.7 71.5 107.3



#37
1-Methylnaphthalene
Concen: 20.759 ng/ul
RT: 12.604 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:142 Resp: 454721
Ion Ratio Lower Upper
142 100
141 91.9 72.5 108.7
116 4.1 3.4 5.2

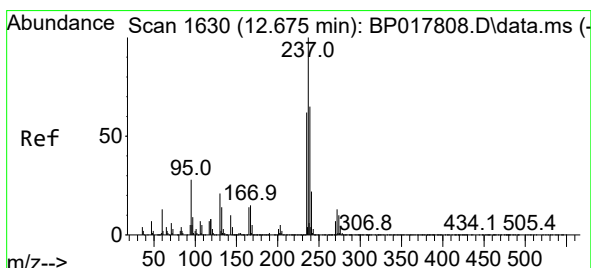
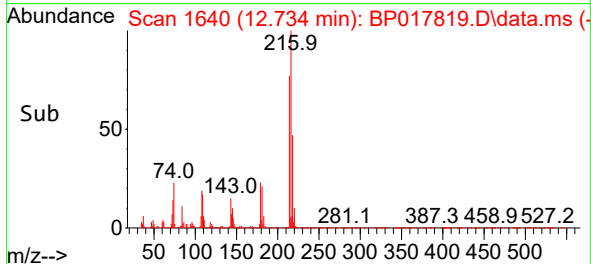
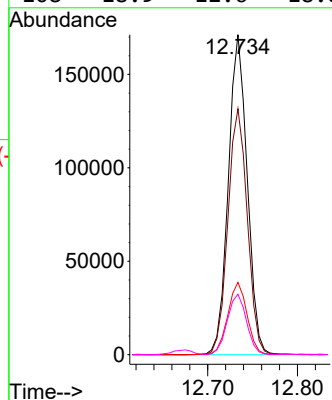
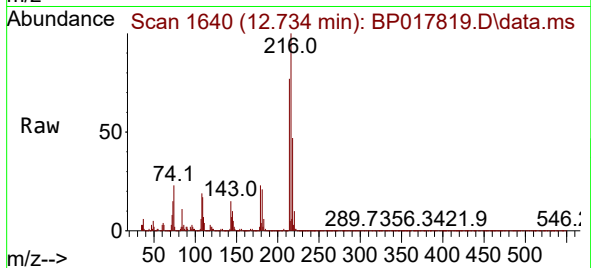




#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.927 ng/ul
RT: 12.734 min Scan# 1640
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

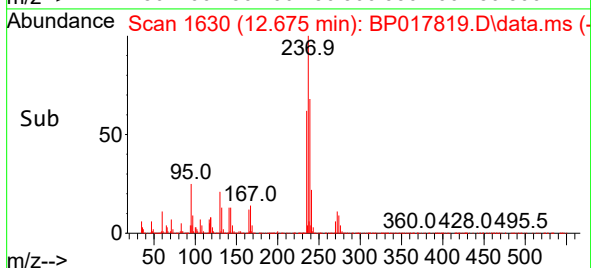
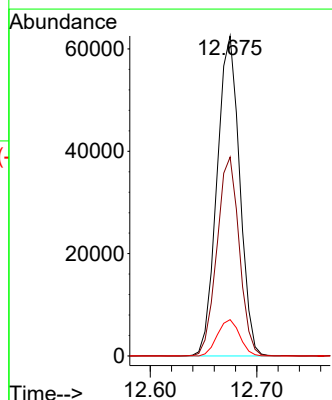
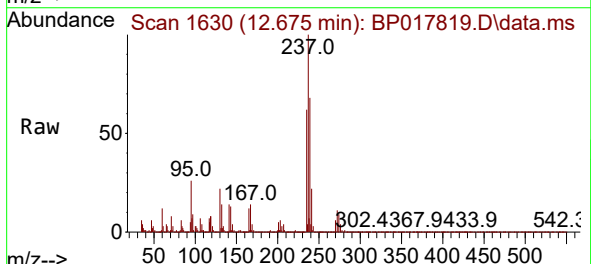
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

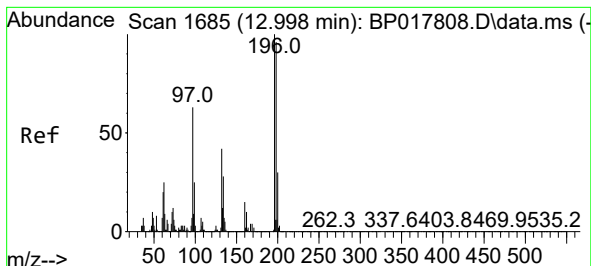
Tgt Ion:216 Resp: 250360
Ion Ratio Lower Upper
216 100
214 76.8 62.2 93.2
179 22.6 15.8 23.8
108 18.9 12.6 18.8#



#40
Hexachlorocyclopentadiene
Concen: 13.412 ng/ul
RT: 12.675 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:237 Resp: 92186
Ion Ratio Lower Upper
237 100
235 62.2 50.3 75.5
272 11.4 11.1 16.7





#41

2,4,6-Trichlorophenol

Concen: 21.604 ng/ul

RT: 12.998 min Scan# 1685

Delta R.T. -0.006 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

Instrument :

BNA_P

ClientSampleId :

EOAT5MS

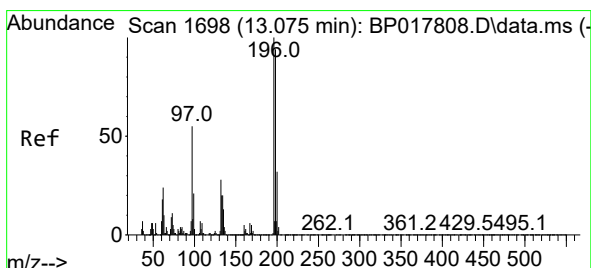
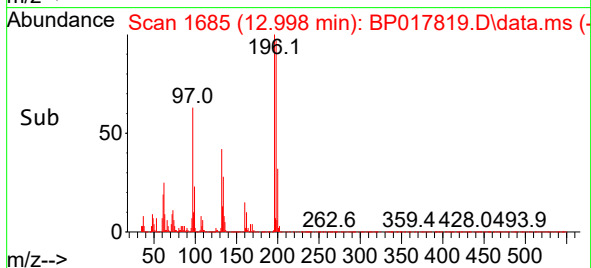
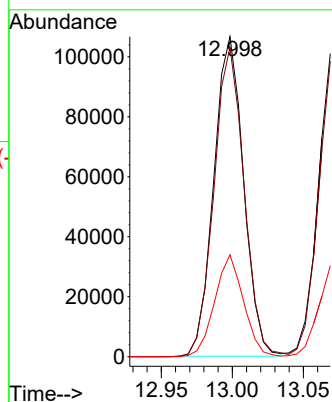
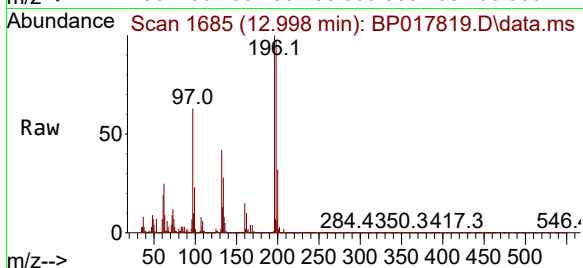
Tgt Ion:196 Resp: 155120

Ion Ratio Lower Upper

196 100

198 96.6 74.7 112.1

200 31.9 23.7 35.5



#42

2,4,5-Trichlorophenol

Concen: 22.338 ng/ul

RT: 13.069 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

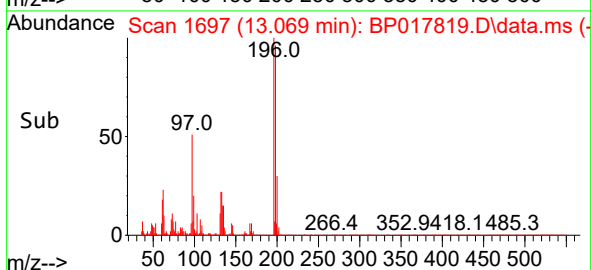
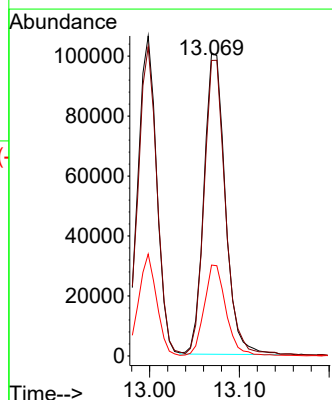
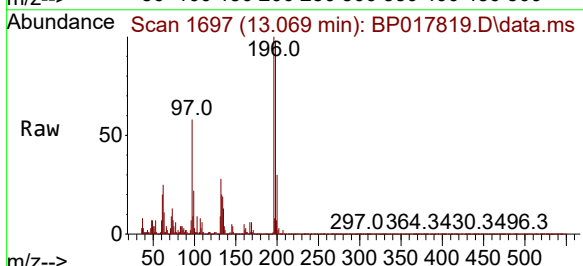
Tgt Ion:196 Resp: 165818

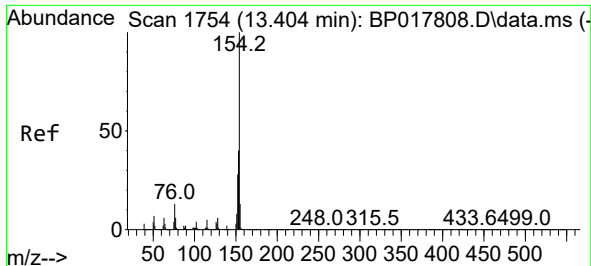
Ion Ratio Lower Upper

196 100

198 97.5 76.0 114.0

200 30.0 24.3 36.5

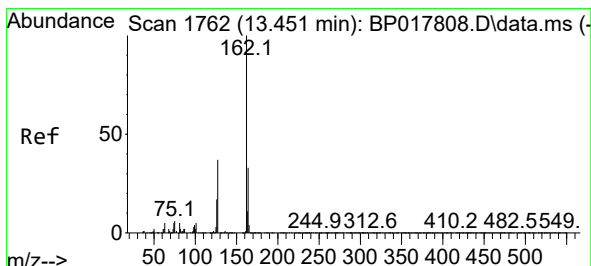
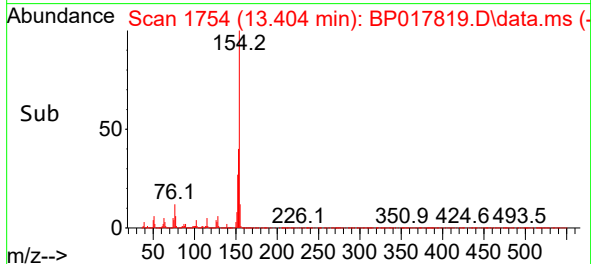
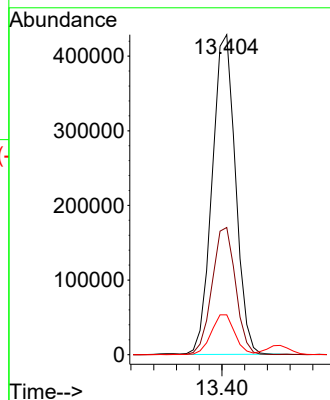
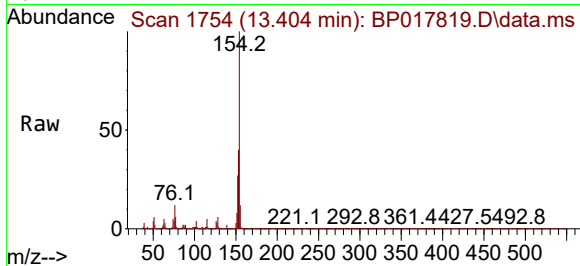




#43
1,1'-Biphenyl
Concen: 22.940 ng/ul
RT: 13.404 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

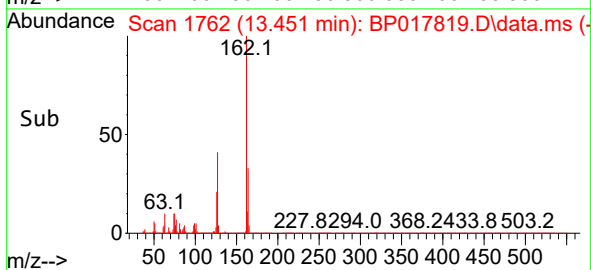
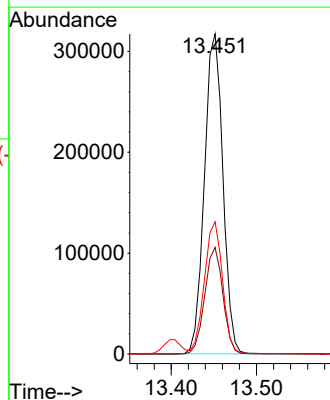
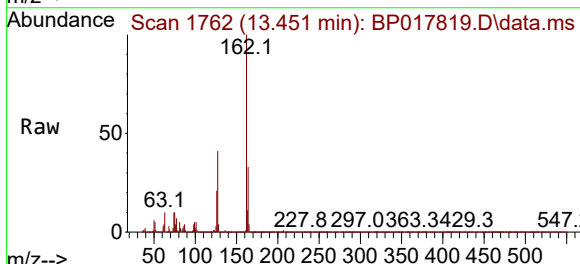
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

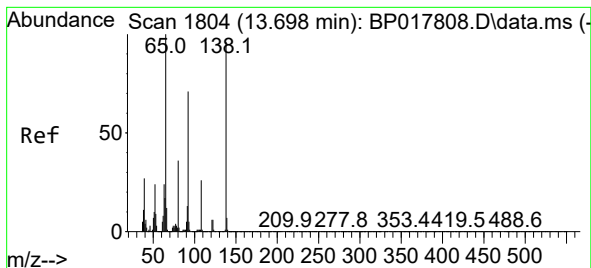
Tgt Ion:154 Resp: 611040
Ion Ratio Lower Upper
154 100
153 39.8 32.6 49.0
76 12.5 9.8 14.8



#44
2-Chloronaphthalene
Concen: 22.205 ng/ul
RT: 13.451 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:162 Resp: 478124
Ion Ratio Lower Upper
162 100
164 33.3 25.9 38.9
127 41.3 29.9 44.9

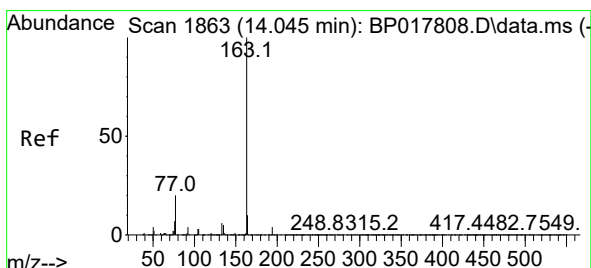
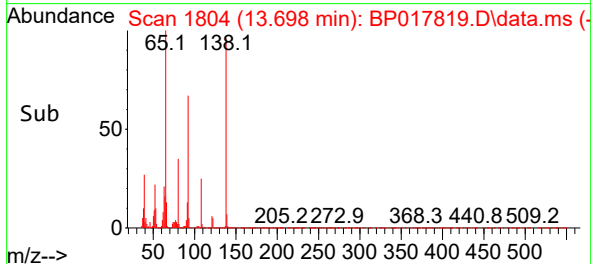
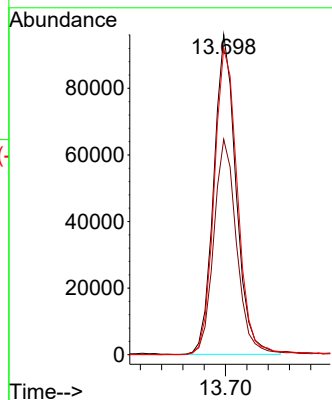
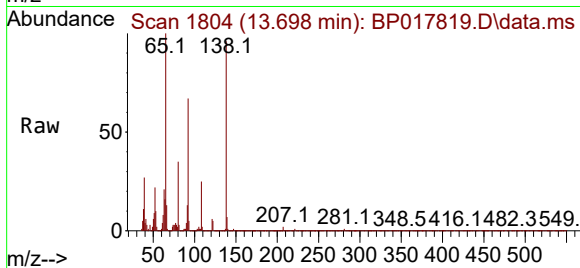




#45
2-Nitroaniline
Concen: 28.568 ng/ul
RT: 13.698 min Scan# 1804
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

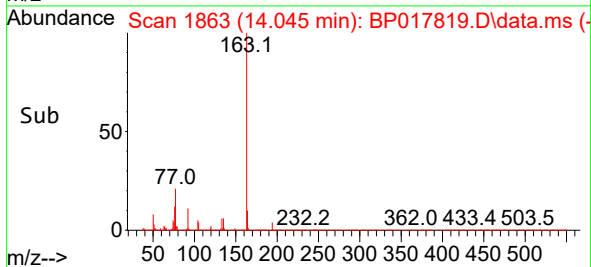
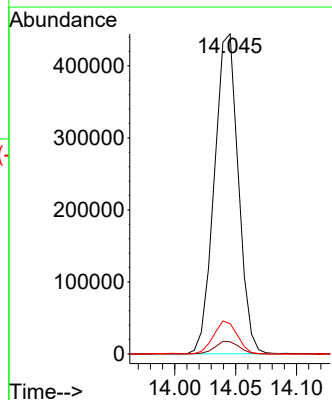
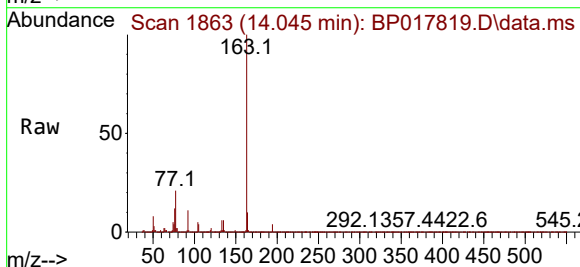
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

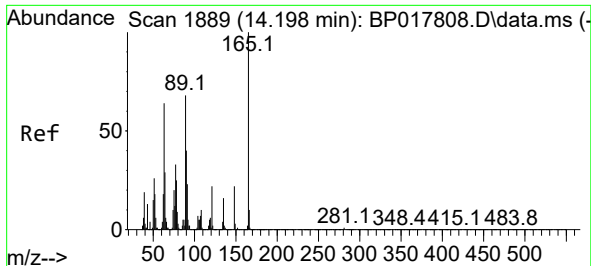
Tgt Ion: 65 Resp: 139785
Ion Ratio Lower Upper
65 100
92 67.3 56.2 84.4
138 95.9 85.9 128.9



#47
Dimethylphthalate
Concen: 22.765 ng/ul
RT: 14.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:163 Resp: 608948
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 9.5 8.2 12.4

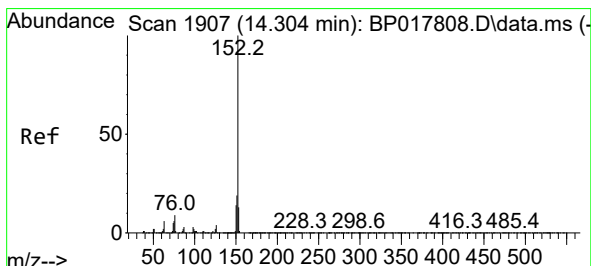
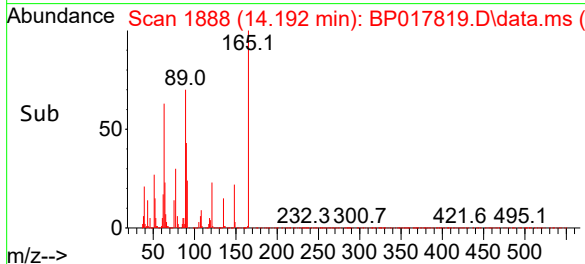
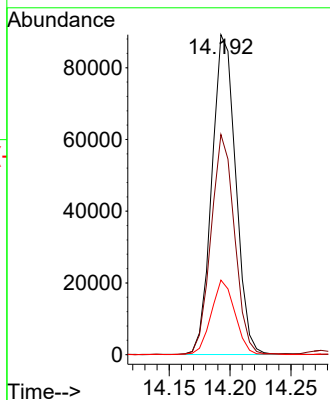
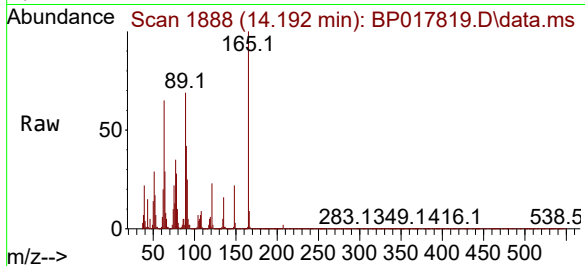




#48
2,6-Dinitrotoluene
Concen: 24.710 ng/ul
RT: 14.192 min Scan# 1888
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

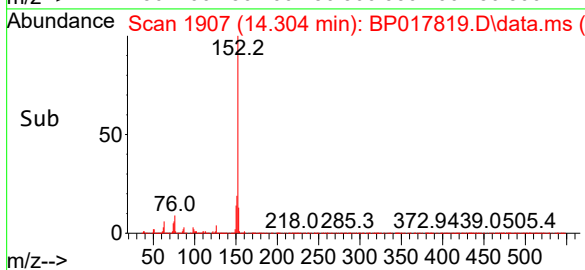
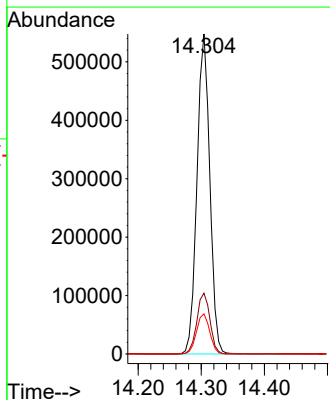
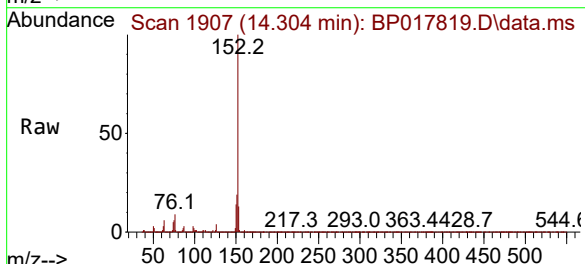
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

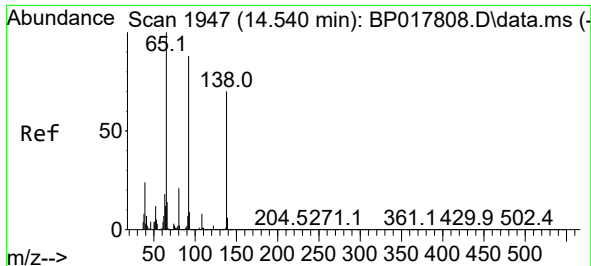
Tgt Ion:165 Resp: 121663
Ion Ratio Lower Upper
165 100
89 68.8 48.0 72.0
121 23.3 16.6 24.8



#50
Acenaphthylene
Concen: 22.713 ng/ul
RT: 14.304 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:152 Resp: 770074
Ion Ratio Lower Upper
152 100
151 19.0 15.9 23.9
153 12.5 10.8 16.2

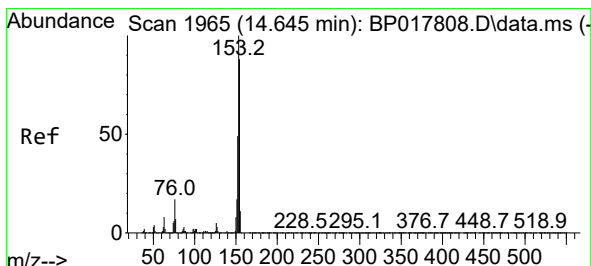
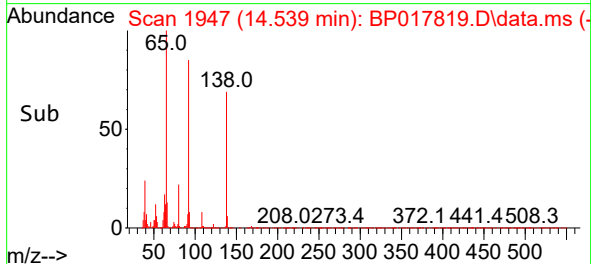
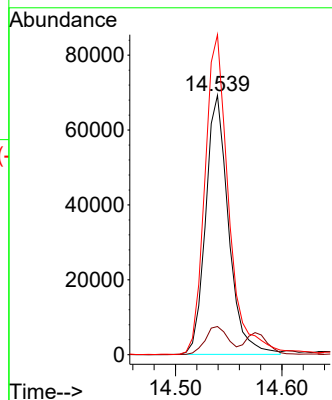
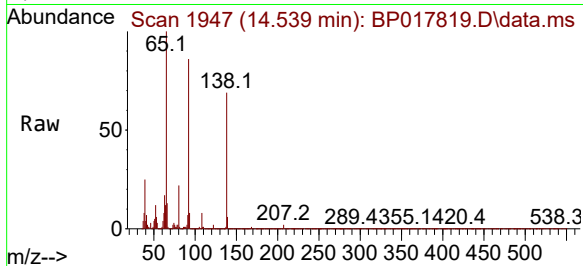




#51
3-Nitroaniline
Concen: 22.079 ng/ul
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

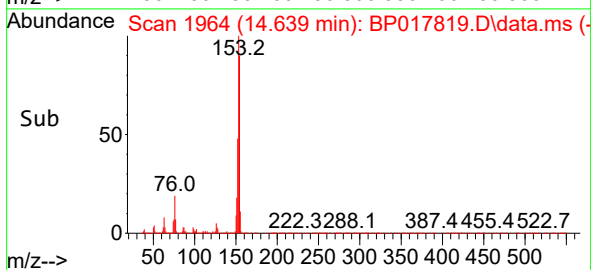
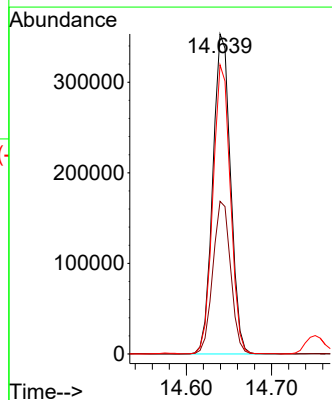
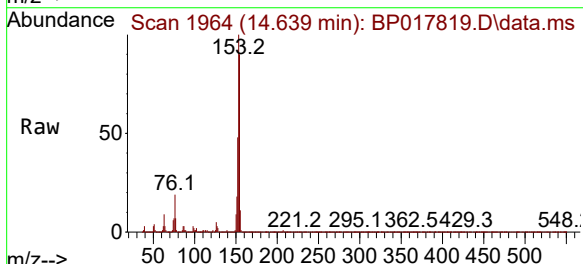
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

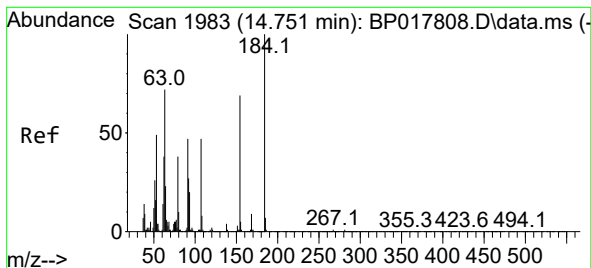
Tgt Ion:138 Resp: 103388
Ion Ratio Lower Upper
138 100
108 10.9 9.3 13.9
92 123.4 95.2 142.8



#52
Acenaphthene
Concen: 22.251 ng/ul
RT: 14.639 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:153 Resp: 510004
Ion Ratio Lower Upper
153 100
152 47.7 37.6 56.4
154 90.4 70.0 105.0

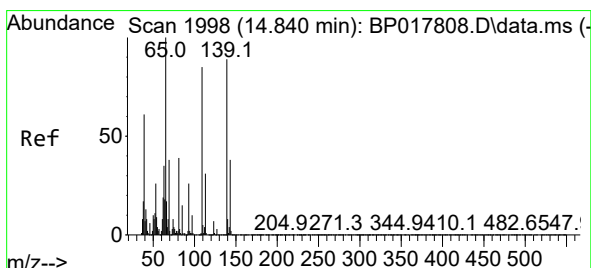
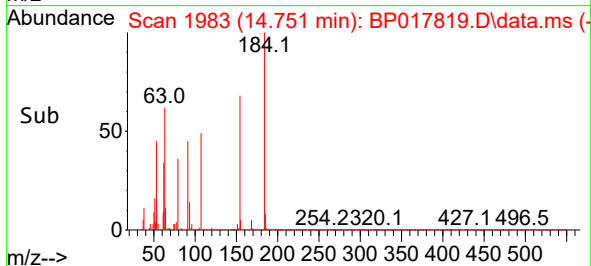
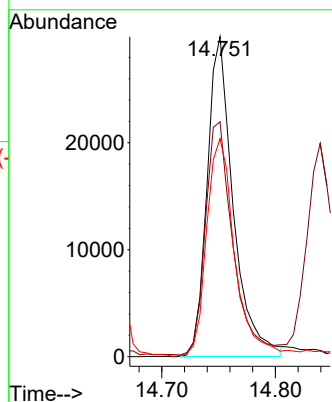
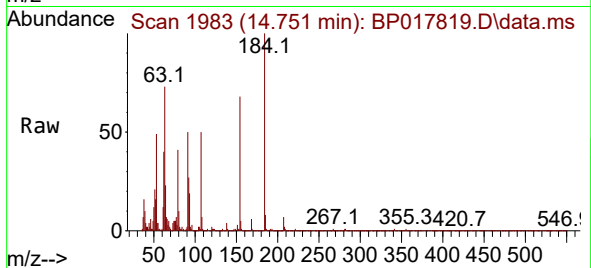




#53
2,4-Dinitrophenol
Concen: 17.215 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

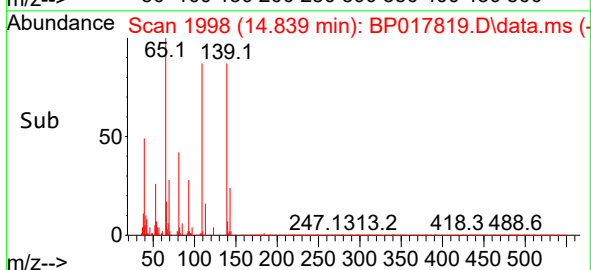
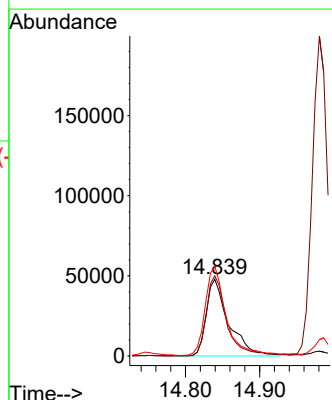
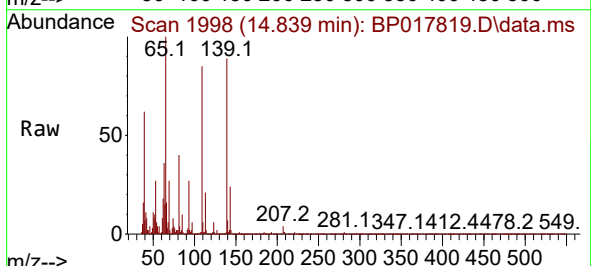
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

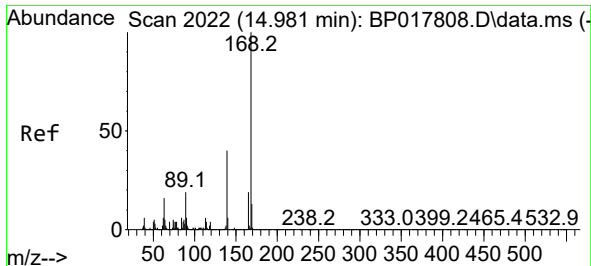
Tgt Ion:184 Resp: 47579
Ion Ratio Lower Upper
184 100
63 73.4 50.6 76.0
154 68.1 47.9 71.9



#55
4-Nitrophenol
Concen: 24.576 ng/ul
RT: 14.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:109 Resp: 100608
Ion Ratio Lower Upper
109 100
139 104.5 92.9 139.3
65 117.2 94.5 141.7

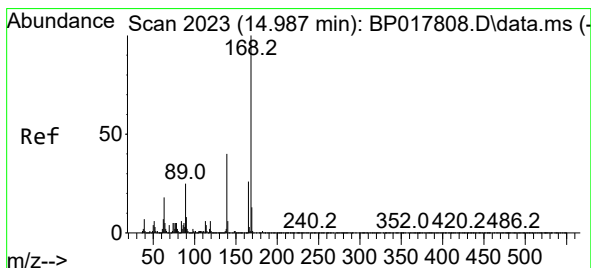
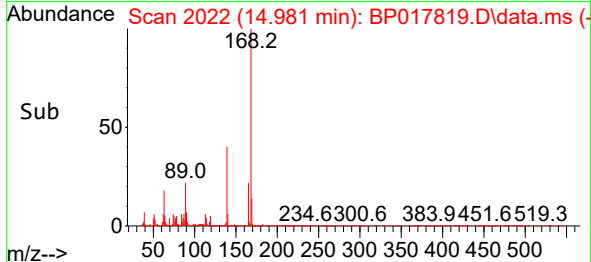
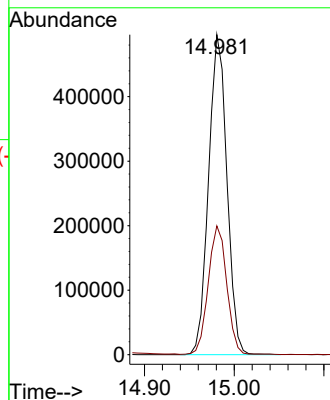
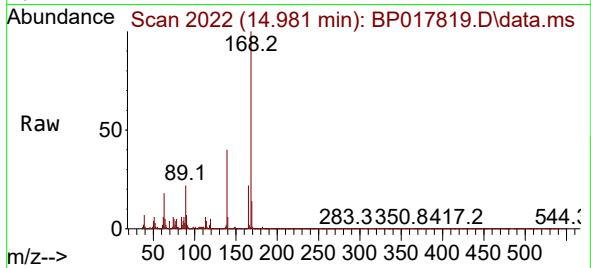




#56
Dibenzenofuran
Concen: 21.888 ng/ul
RT: 14.981 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

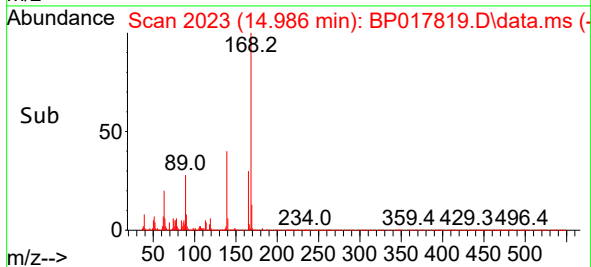
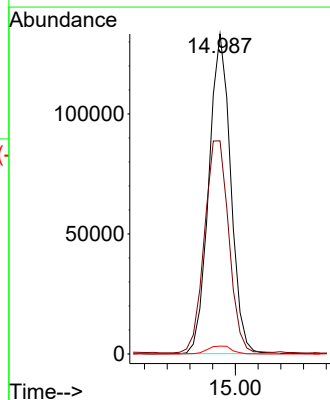
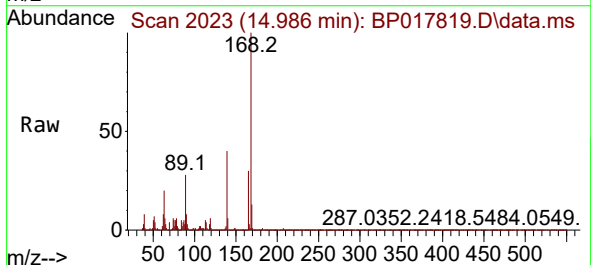
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

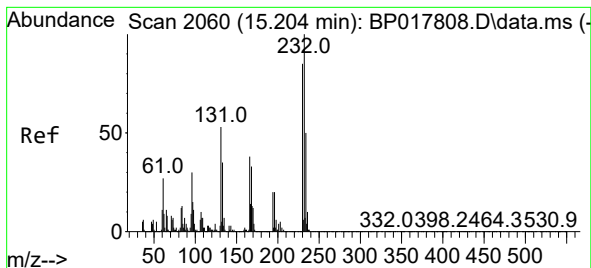
Tgt Ion:168 Resp: 704352
Ion Ratio Lower Upper
168 100
139 40.3 28.6 43.0



#57
2,4-Dinitrotoluene
Concen: 24.399 ng/ul
RT: 14.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:165 Resp: 177300
Ion Ratio Lower Upper
165 100
63 66.6 51.1 76.7
182 2.4 2.7 4.1#

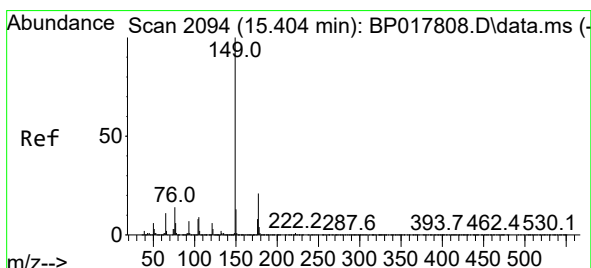
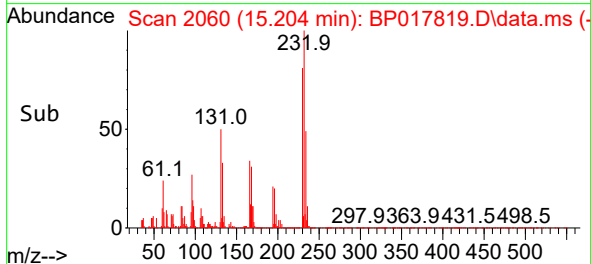
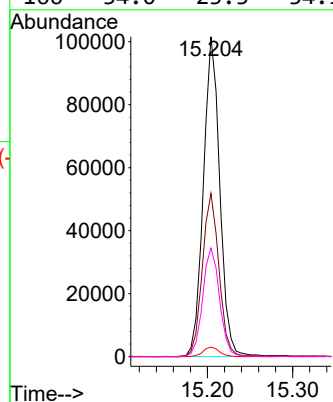
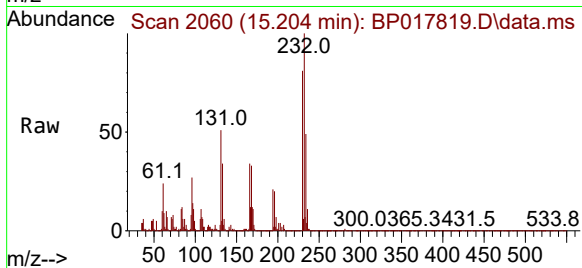




#58
2,3,4,6-Tetrachlorophenol
Concen: 20.615 ng/ul
RT: 15.204 min Scan# 2060
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

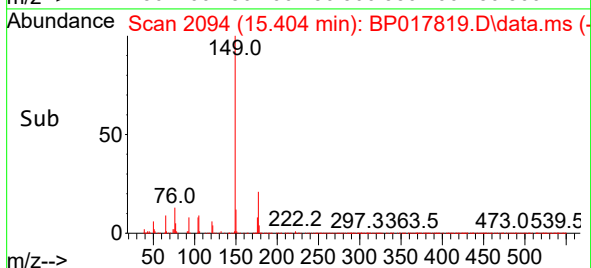
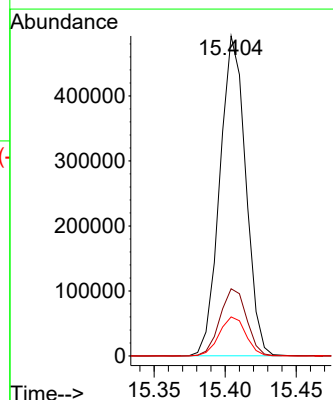
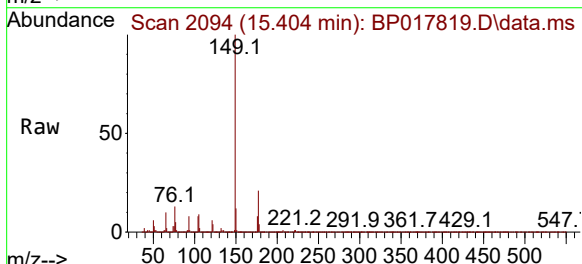
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

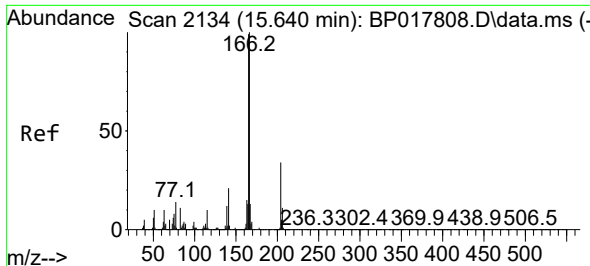
Tgt Ion:232 Resp: 135801
Ion Ratio Lower Upper
232 100
131 51.0 32.9 49.3#
130 3.0 1.8 2.8#
166 34.0 23.3 34.9



#59
Diethylphthalate
Concen: 24.159 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:149 Resp: 623945
Ion Ratio Lower Upper
149 100
177 21.0 18.0 27.0
150 12.2 10.2 15.4

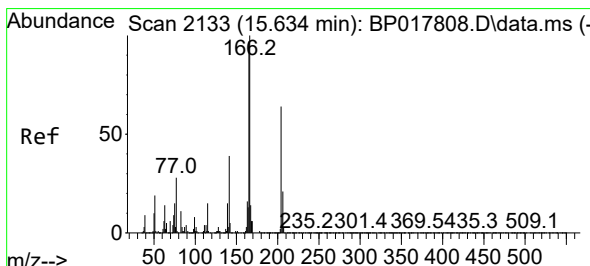
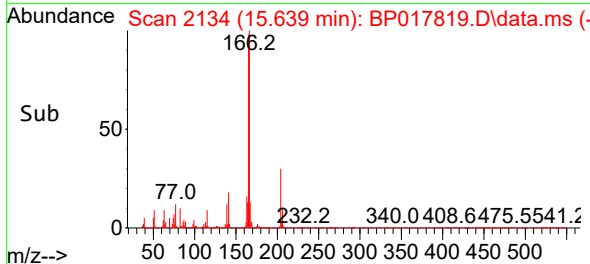
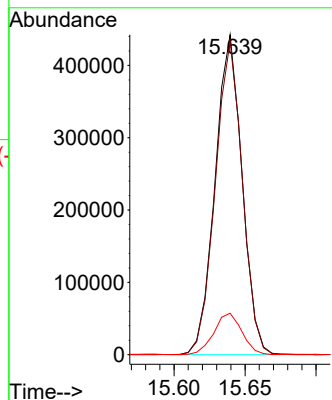
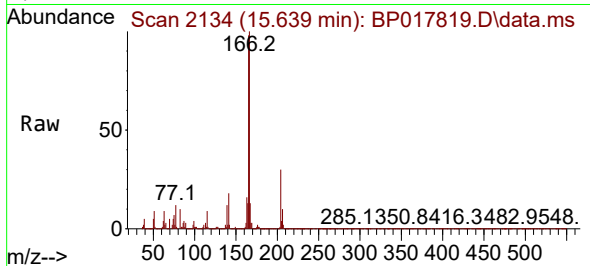




#61
Fluorene
Concen: 22.109 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

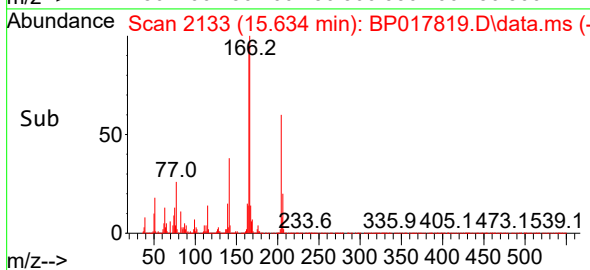
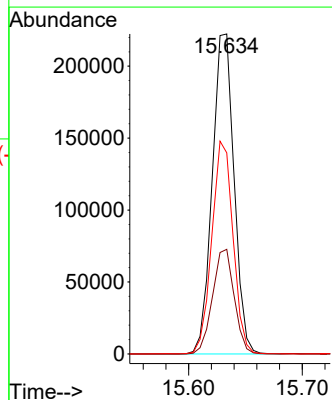
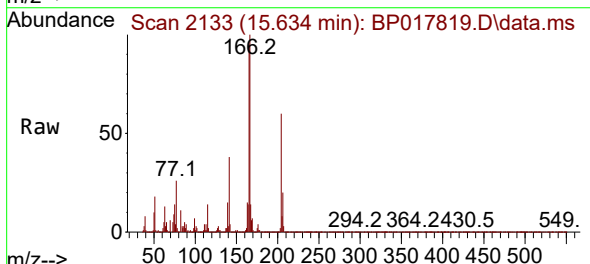
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

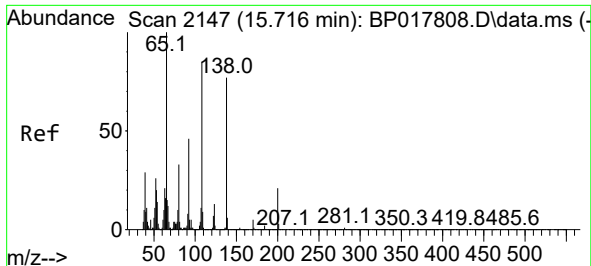
Tgt Ion:166 Resp: 584420
Ion Ratio Lower Upper
166 100
165 97.9 77.4 116.0
167 12.9 10.9 16.3



#62
4-Chlorophenyl-phenylether
Concen: 21.143 ng/ul
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:204 Resp: 297054
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 62.8 42.9 64.3

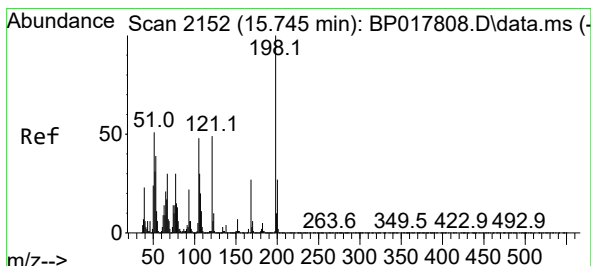
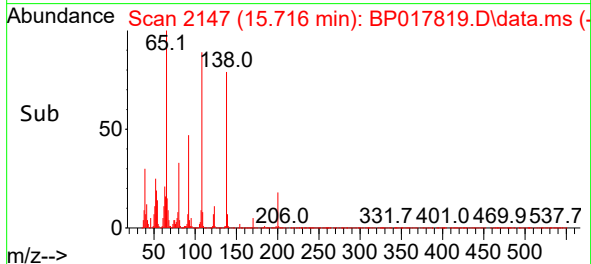
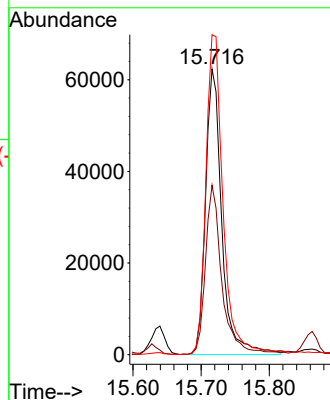
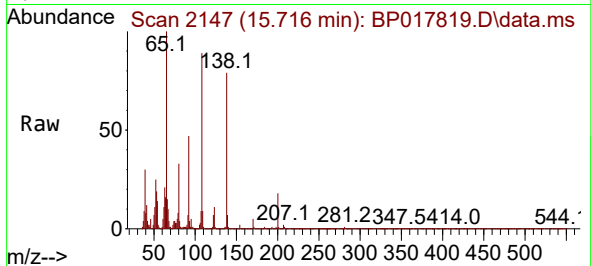




#63
4-Nitroaniline
Concen: 24.430 ng/ul
RT: 15.716 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

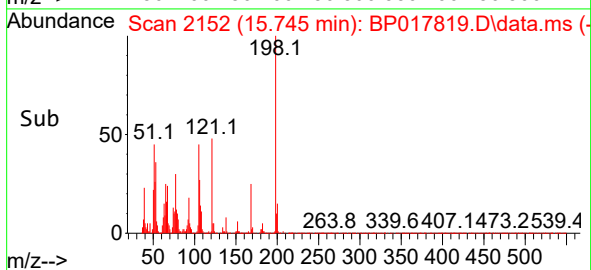
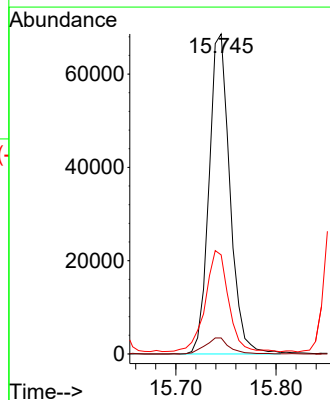
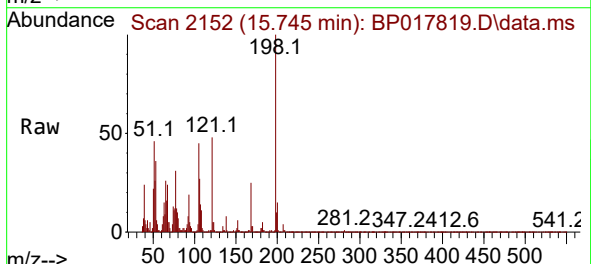
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

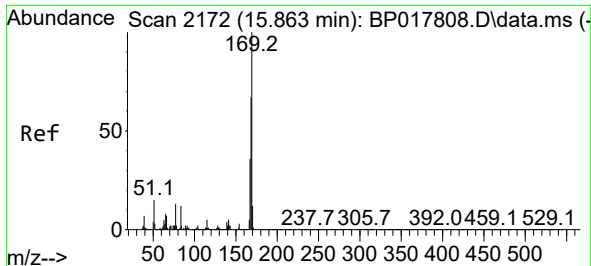
Tgt Ion:138 Resp: 103183
Ion Ratio Lower Upper
138 100
92 59.3 43.0 64.6
108 112.0 82.7 124.1



#66
4,6-Dinitro-2-methylphenol
Concen: 21.343 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:198 Resp: 99144
Ion Ratio Lower Upper
198 100
182 5.0 3.9 5.9
77 31.0 19.8 29.8#

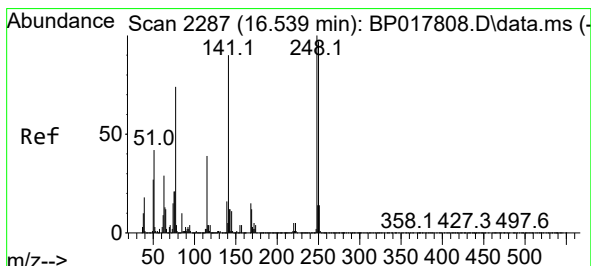
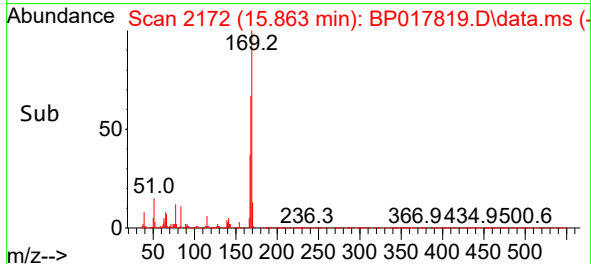
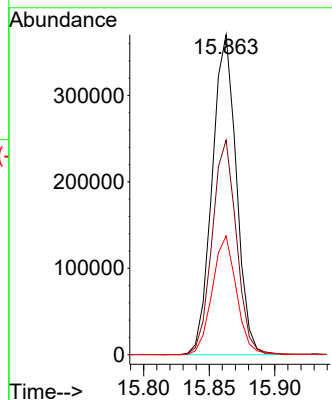
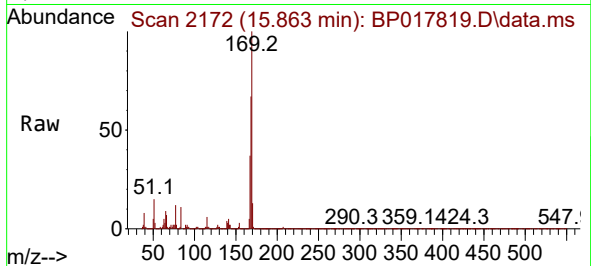




#67
N-Nitrosodiphenylamine
Concen: 23.801 ng/ul
RT: 15.863 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

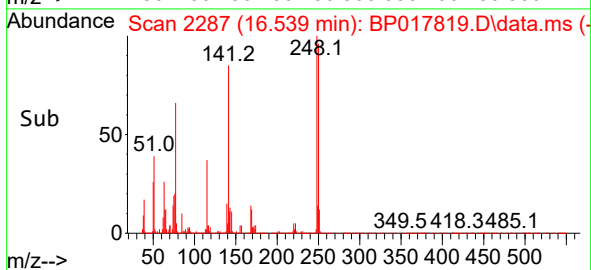
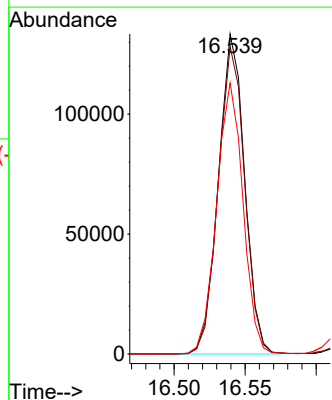
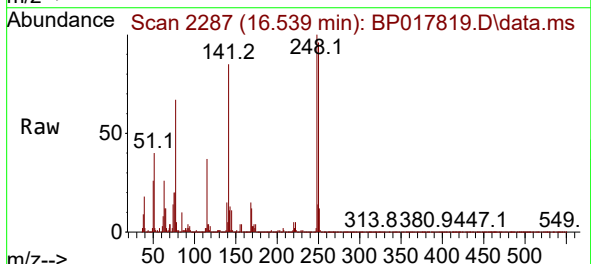
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

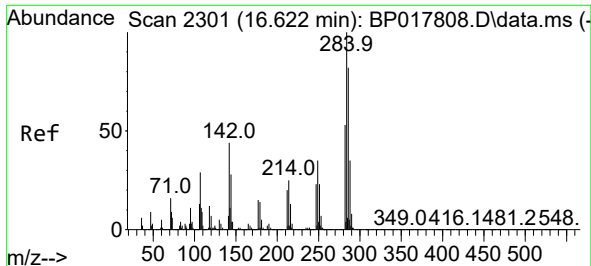
Tgt Ion:169 Resp: 474770
Ion Ratio Lower Upper
169 100
168 67.0 53.7 80.5
167 37.1 29.4 44.0



#68
4-Bromophenyl-phenylether
Concen: 22.195 ng/ul
RT: 16.539 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:248 Resp: 170992
Ion Ratio Lower Upper
248 100
250 96.1 76.8 115.2
141 84.7 52.4 78.6#

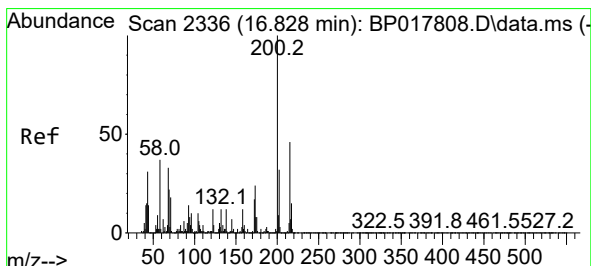
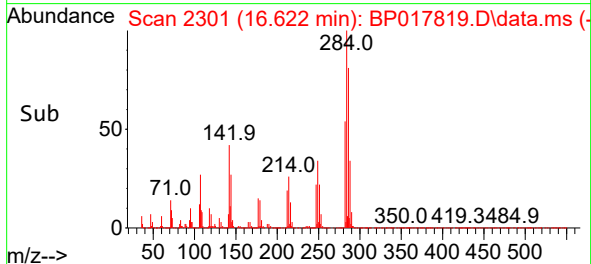
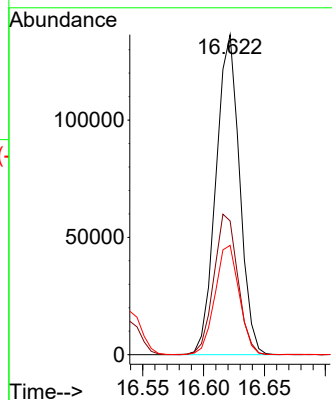
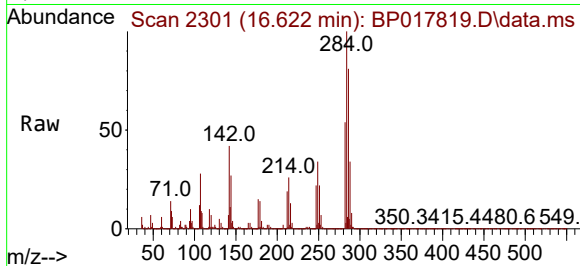




#69
Hexachlorobenzene
Concen: 20.846 ng/ul
RT: 16.622 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

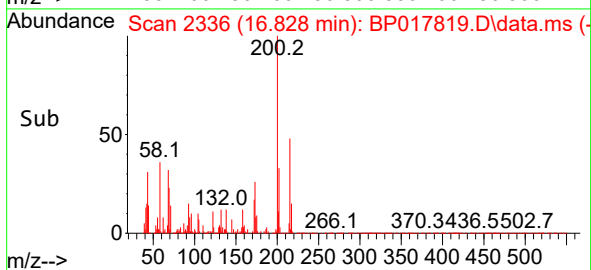
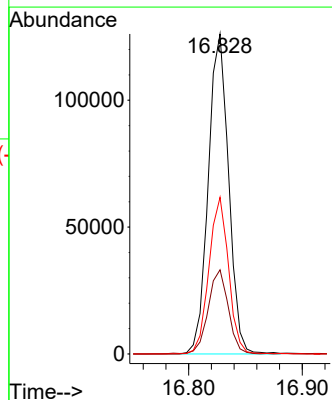
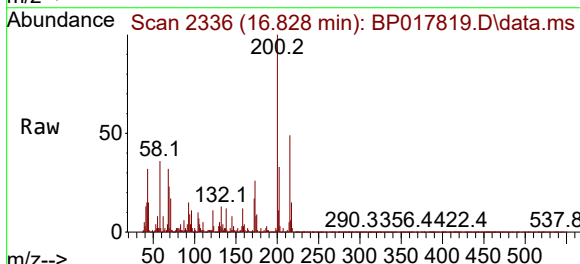
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

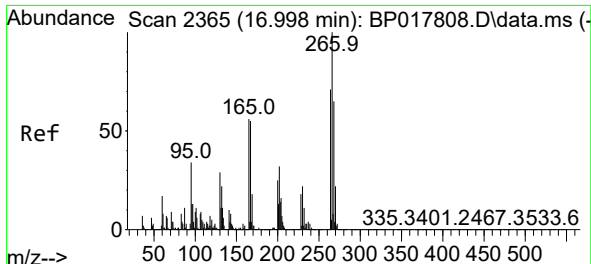
Tgt Ion:284 Resp: 184374
Ion Ratio Lower Upper
284 100
142 41.8 27.6 41.4#
249 34.1 24.5 36.7



#70
Atrazine
Concen: 21.404 ng/ul
RT: 16.828 min Scan# 2336
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:200 Resp: 156924
Ion Ratio Lower Upper
200 100
173 26.3 19.8 29.6
215 49.0 38.5 57.7

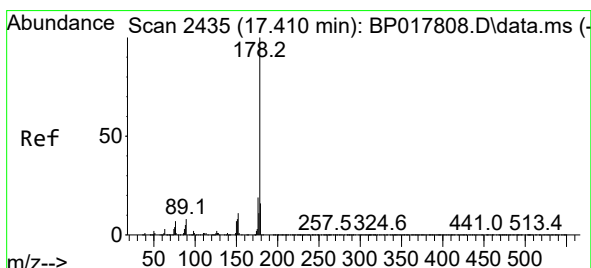
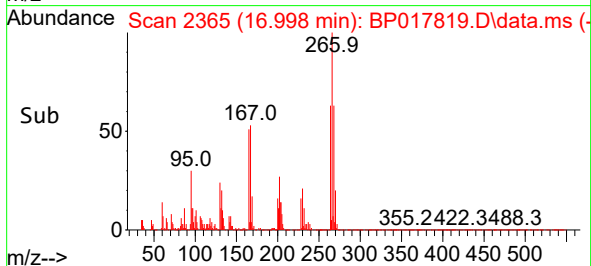
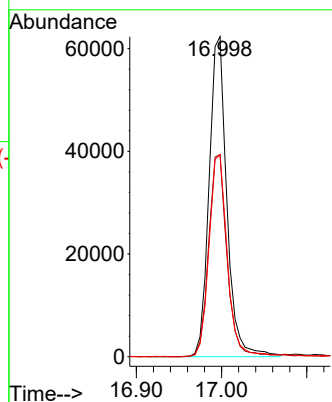
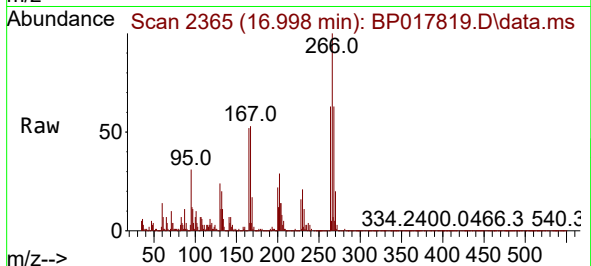




#71
Pentachlorophenol
Concen: 17.005 ng/ul
RT: 16.998 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

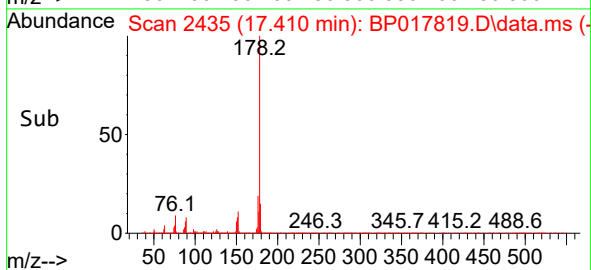
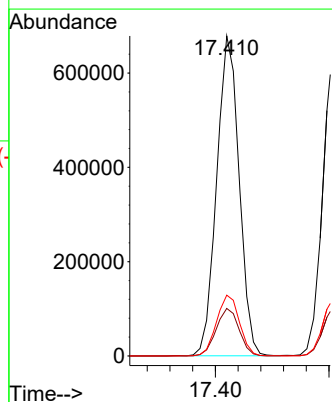
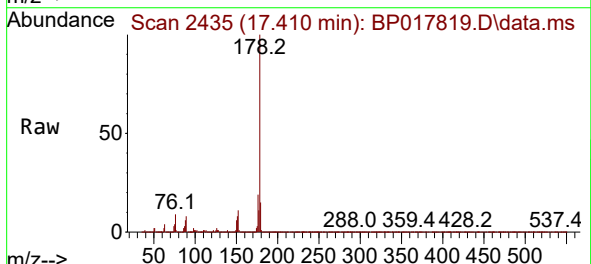
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

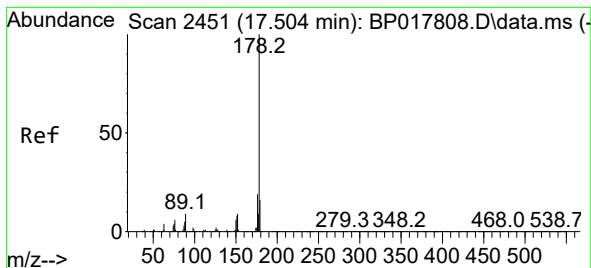
Tgt Ion:266 Resp: 90423
Ion Ratio Lower Upper
266 100
264 63.1 49.4 74.2
268 63.2 50.3 75.5



#72
Phenanthrene
Concen: 24.138 ng/ul
RT: 17.410 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:178 Resp: 931010
Ion Ratio Lower Upper
178 100
179 14.9 12.2 18.2
176 19.0 15.3 22.9





#74

Anthracene

Concen: 22.737 ng/uI

RT: 17.504 min Scan# 2451

Delta R.T. -0.006 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

Instrument :

BNA_P

ClientSampleId :

EOAT5MS

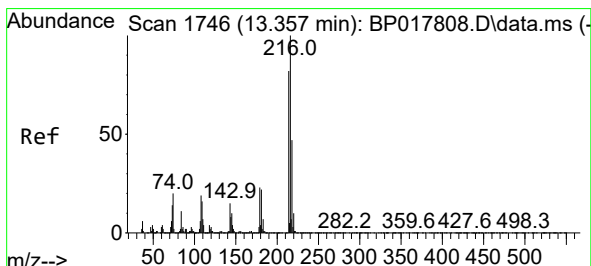
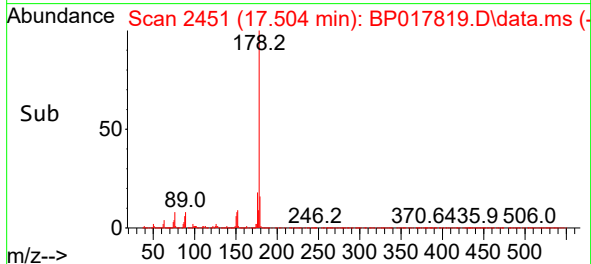
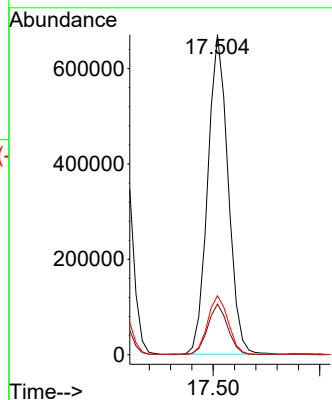
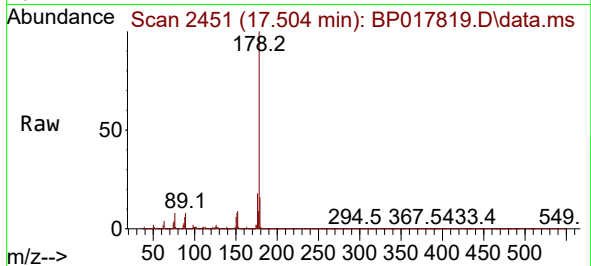
Tgt Ion:178 Resp: 888245

Ion Ratio Lower Upper

178 100

179 15.8 12.0 18.0

176 18.4 14.8 22.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 22.142 ng/uI

RT: 13.351 min Scan# 1745

Delta R.T. -0.012 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

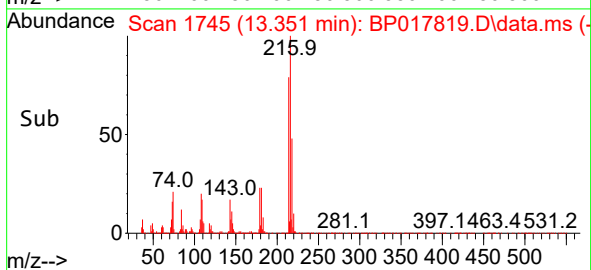
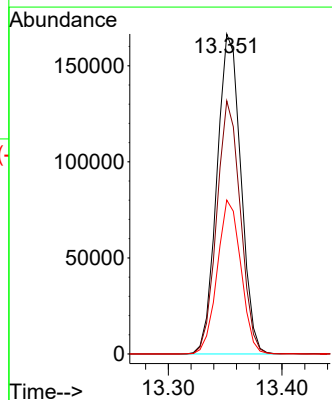
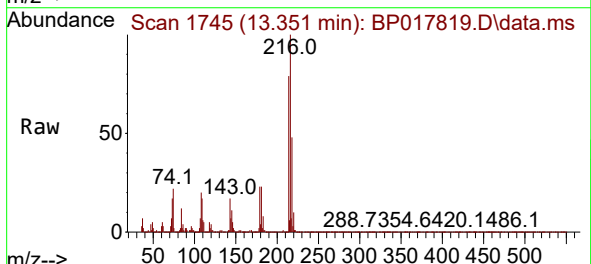
Tgt Ion:216 Resp: 244618

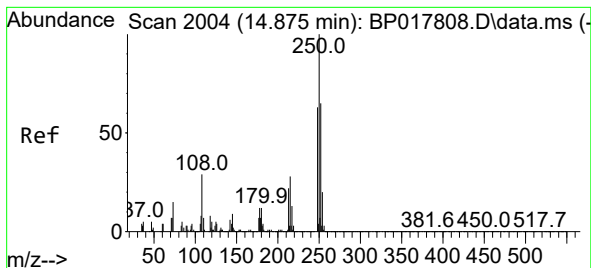
Ion Ratio Lower Upper

216 100

214 79.1 60.7 91.1

218 48.1 38.2 57.4





#76

Pentachlorobenzene

Concen: 20.296 ng/uL

RT: 14.869 min Scan# 20

Delta R.T. -0.012 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

Instrument :

BNA_P

ClientSampleId :

EOAT5MS

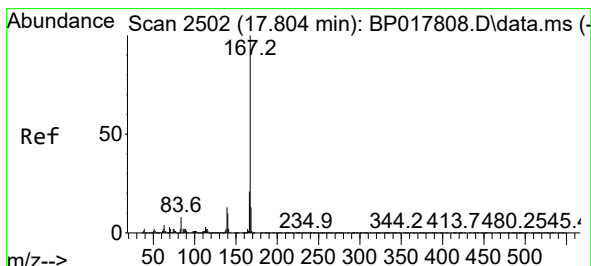
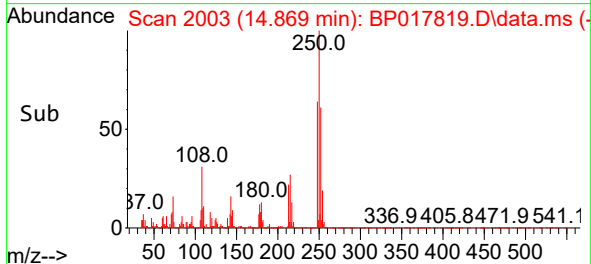
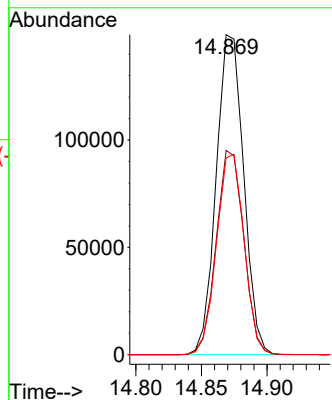
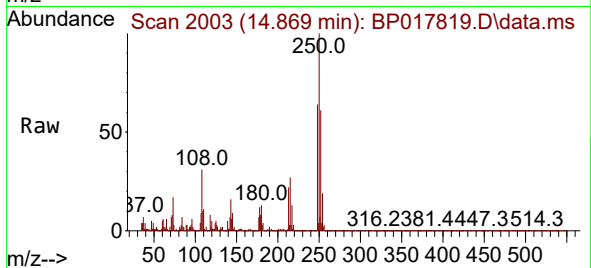
Tgt Ion:250 Resp: 217316

Ion Ratio Lower Upper

250 100

248 63.9 50.2 75.4

252 61.5 49.6 74.4



#77

Carbazole

Concen: 24.517 ng/uL

RT: 17.798 min Scan# 2501

Delta R.T. -0.012 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

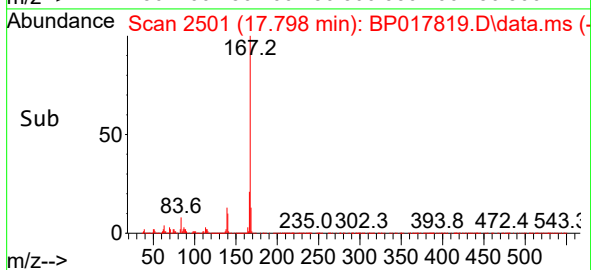
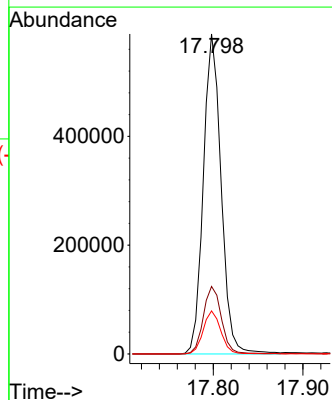
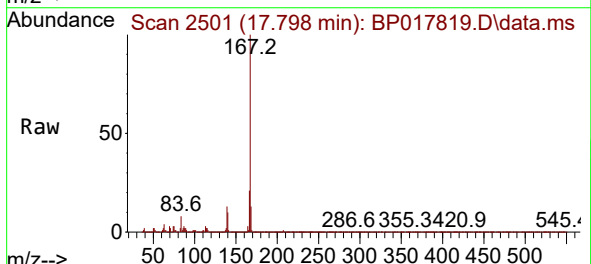
Tgt Ion:167 Resp: 809464

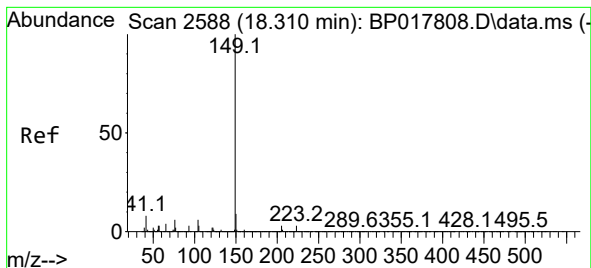
Ion Ratio Lower Upper

167 100

166 21.1 16.7 25.1

139 13.5 9.8 14.6





#78

Di-n-butylphthalate

Concen: 28.232 ng/ul

RT: 18.310 min Scan# 2588

Delta R.T. -0.012 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

Instrument :

BNA_P

ClientSampleId :

EOAT5MS

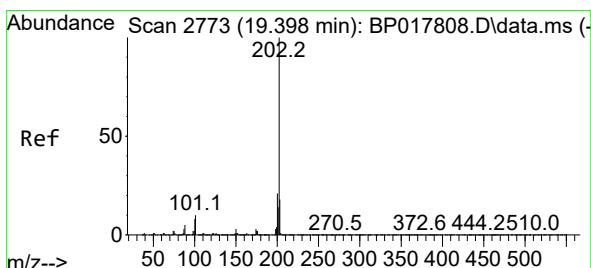
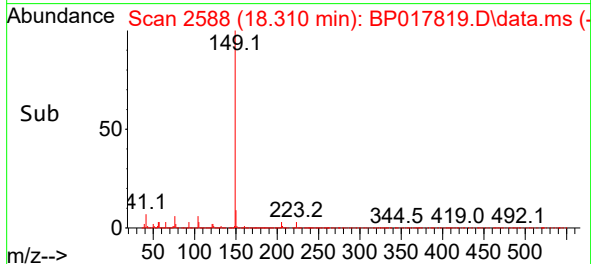
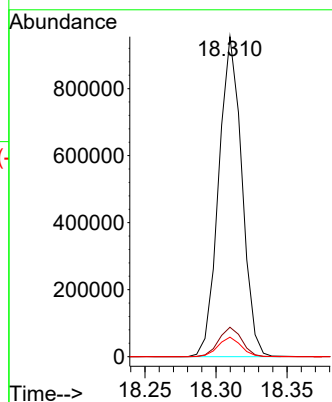
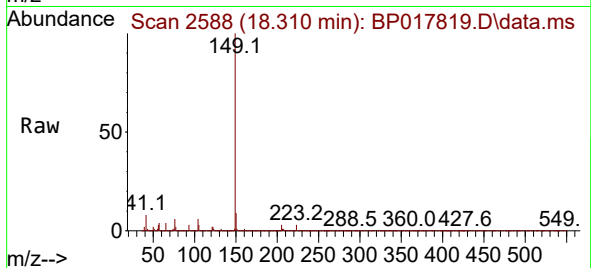
Tgt Ion:149 Resp: 1082165

Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 6.1 4.3 6.5



#80

Fluoranthene

Concen: 28.273 ng/ul

RT: 19.398 min Scan# 2773

Delta R.T. -0.006 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

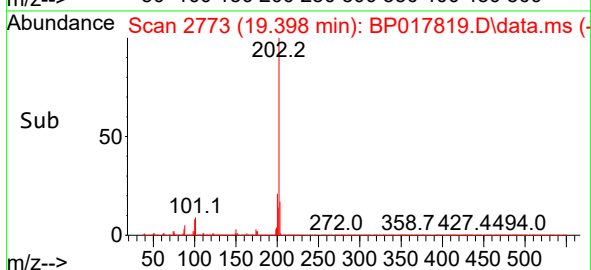
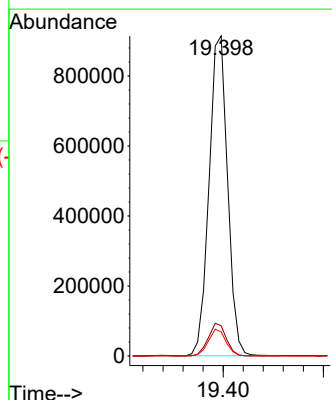
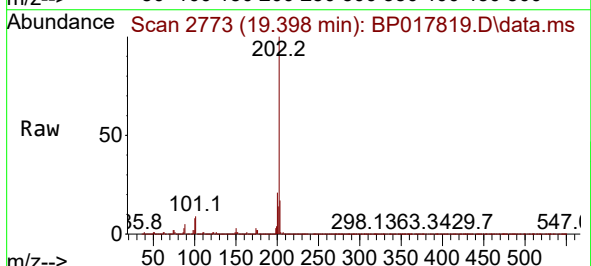
Tgt Ion:202 Resp: 1175569

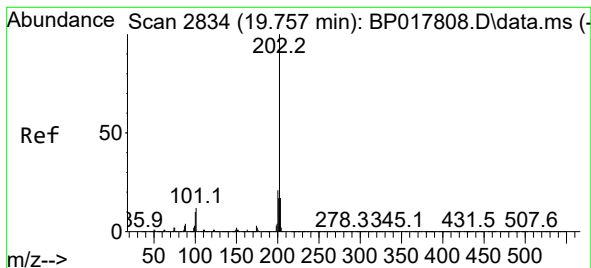
Ion Ratio Lower Upper

202 100

101 9.5 7.1 10.7

100 7.6 5.7 8.5





#82

Pyrene

Concen: 27.048 ng/ul

RT: 19.757 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

Instrument :

BNA_P

ClientSampleId :

EOAT5MS

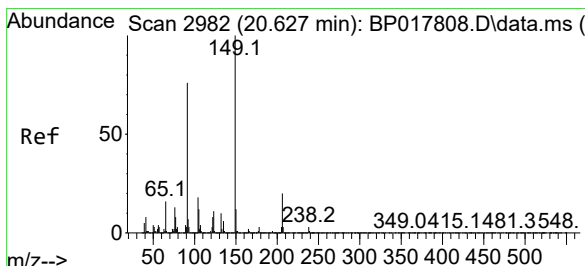
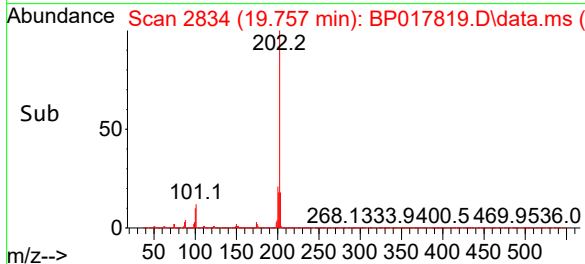
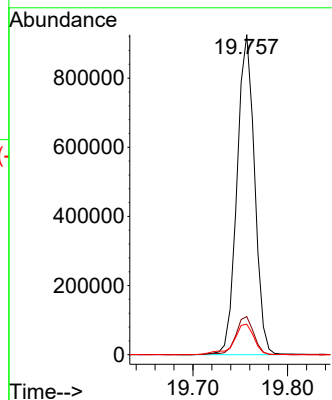
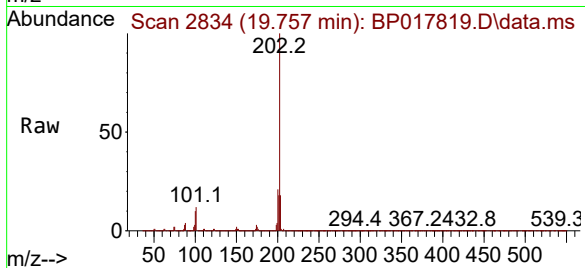
Tgt Ion:202 Resp: 1191467

Ion Ratio Lower Upper

202 100

101 11.9 8.3 12.5

100 9.5 7.4 11.0



#83

Butylbenzylphthalate

Concen: 32.088 ng/ul

RT: 20.627 min Scan# 2982

Delta R.T. -0.006 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

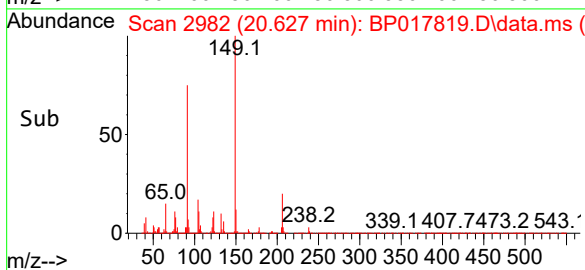
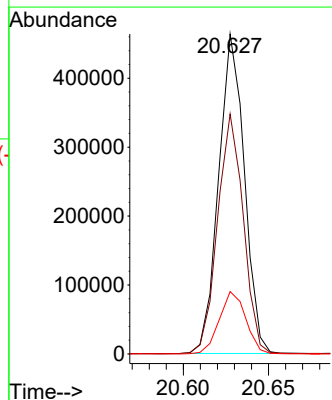
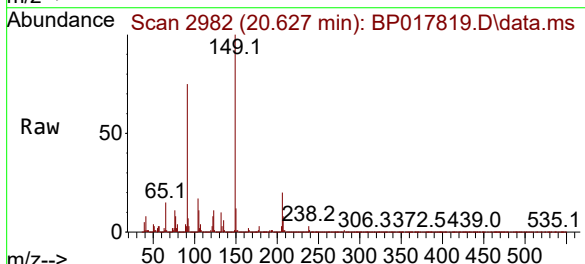
Tgt Ion:149 Resp: 486155

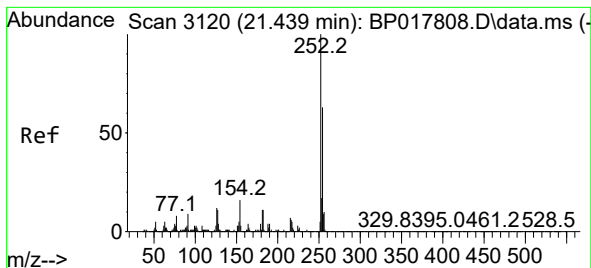
Ion Ratio Lower Upper

149 100

91 75.0 58.8 88.2

206 19.5 17.5 26.3





#84

3,3'-Dichlorobenzidine

Concen: 17.443 ng/ul

RT: 21.439 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

Instrument :

BNA_P

ClientSampleId :

EOAT5MS

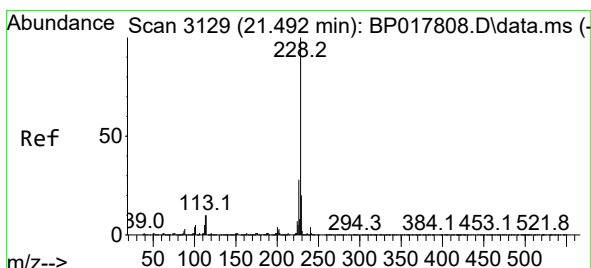
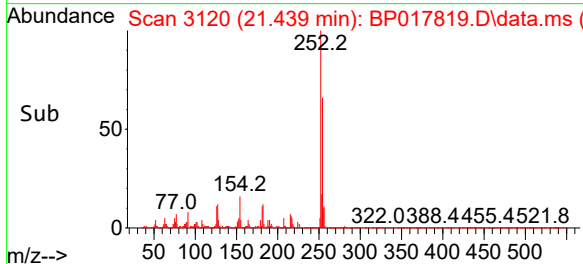
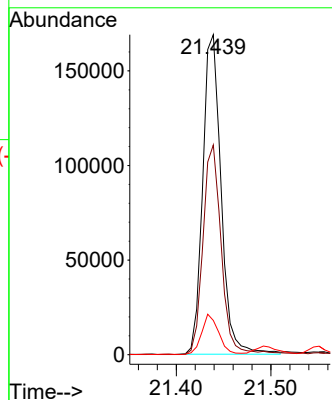
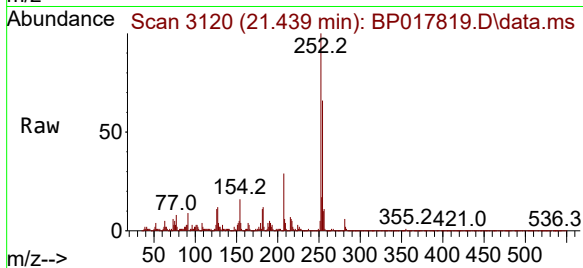
Tgt Ion:252 Resp: 227479

Ion Ratio Lower Upper

252 100

254 65.5 51.8 77.8

126 10.7 7.8 11.6



#85

Benzo(a)anthracene

Concen: 25.448 ng/ul

RT: 21.492 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

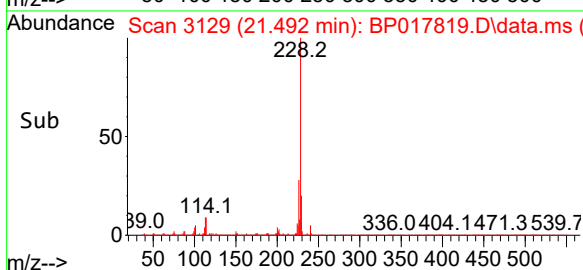
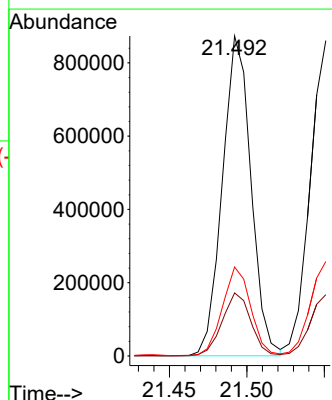
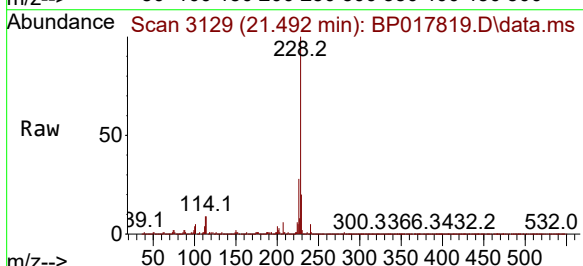
Tgt Ion:228 Resp: 1116692

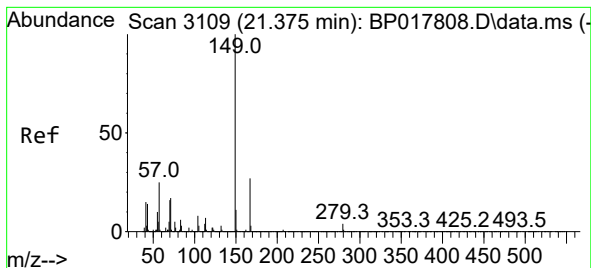
Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 27.8 21.1 31.7

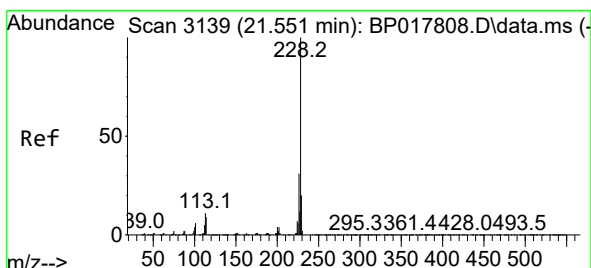
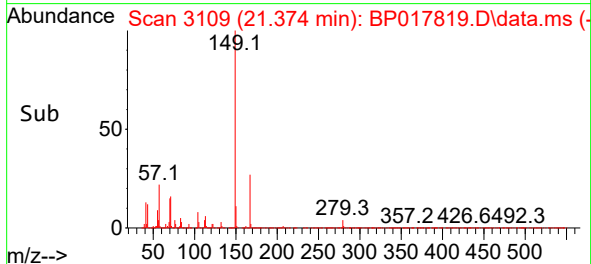
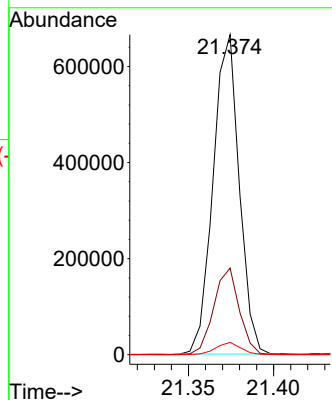
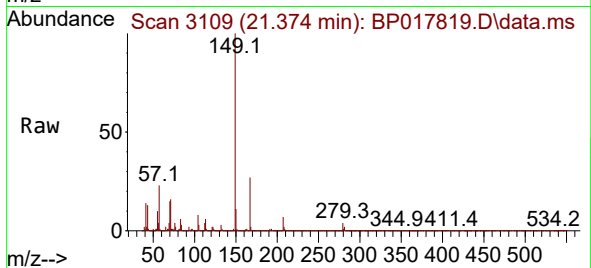




#86
Bis(2-ethylhexyl)phthalate
Concen: 33.509 ng/ul
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

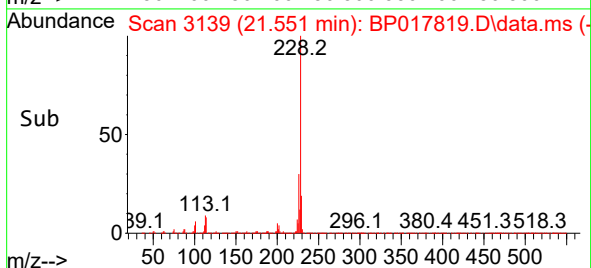
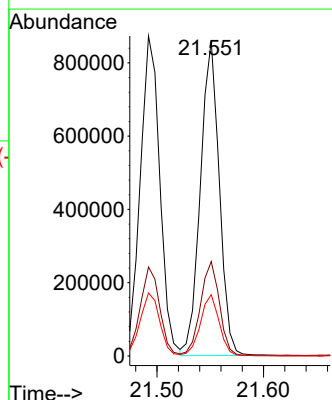
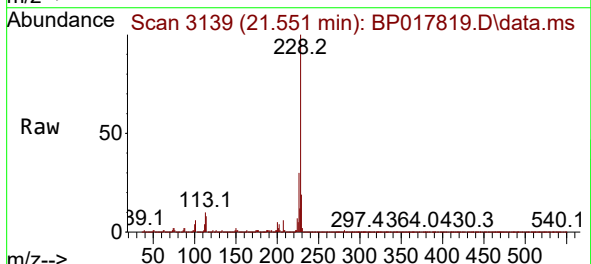
Instrument :
BNA_P
ClientSampleId :
EOAT5MS

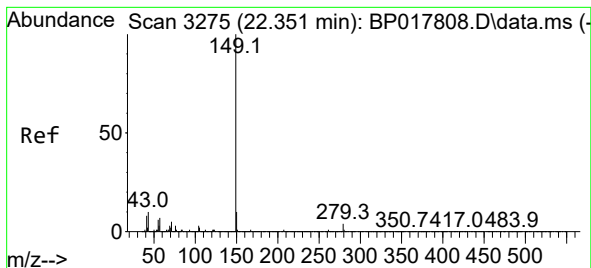
Tgt Ion:149 Resp: 708714
Ion Ratio Lower Upper
149 100
167 27.0 21.6 32.4
279 3.9 3.6 5.4



#87
Chrysene
Concen: 25.546 ng/ul
RT: 21.551 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BP017819.D
Acq: 26 Oct 2023 00:57

Tgt Ion:228 Resp: 1060070
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 19.4 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 30.587 ng/ul

RT: 22.351 min Scan# 3275

Delta R.T. -0.012 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

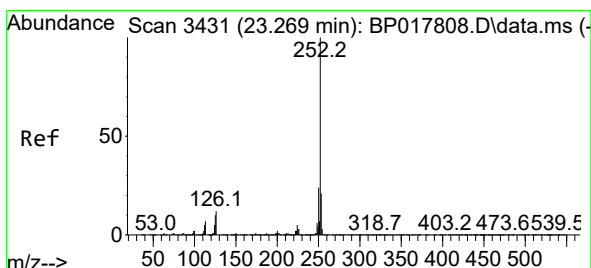
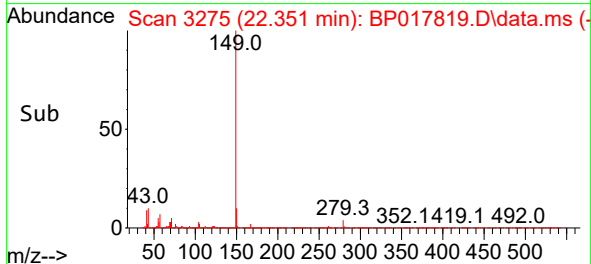
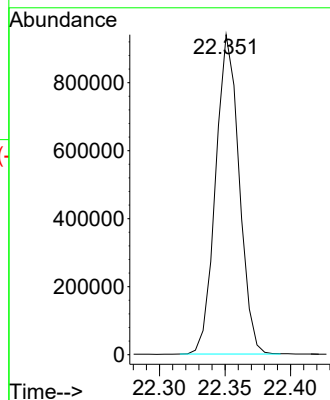
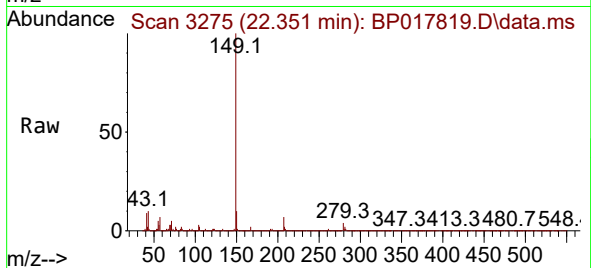
Instrument :

BNA_P

ClientSampleId :

EOAT5MS

Tgt Ion:149 Resp: 1171754



#90

Benzo(b)fluoranthene

Concen: 25.648 ng/ul

RT: 23.268 min Scan# 3431

Delta R.T. -0.006 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

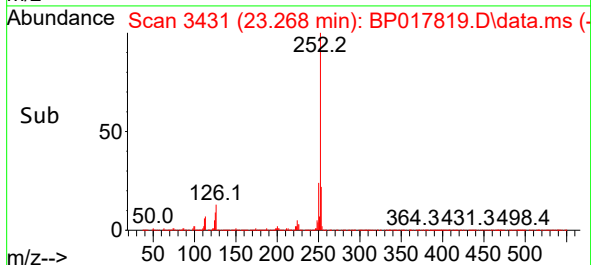
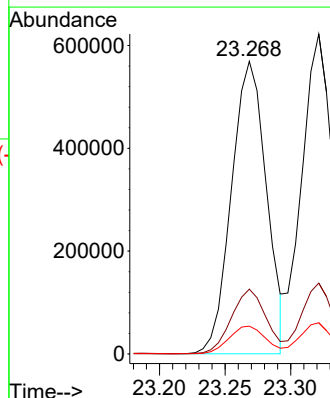
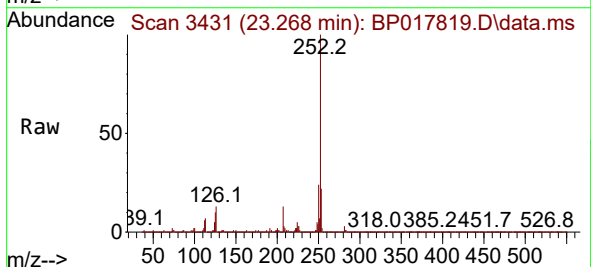
Tgt Ion:252 Resp: 1055691

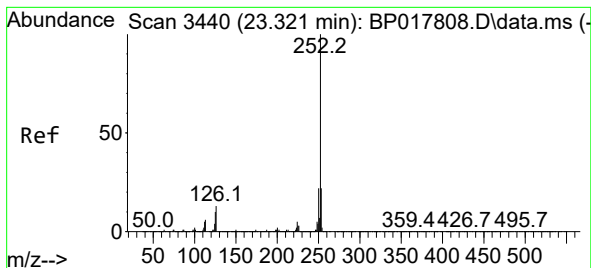
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.5 7.1 10.7





#91

Benzo(k)fluoranthene

Concen: 25.369 ng/ul

RT: 23.321 min Scan# 3440

Delta R.T. -0.006 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

Instrument :

BNA_P

ClientSampleId :

EOAT5MS

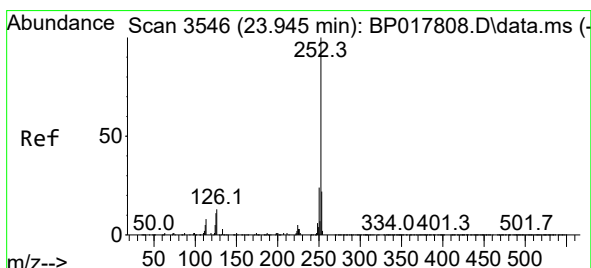
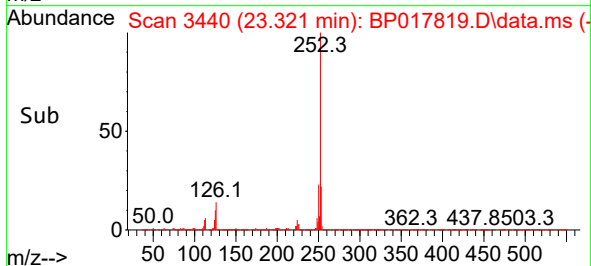
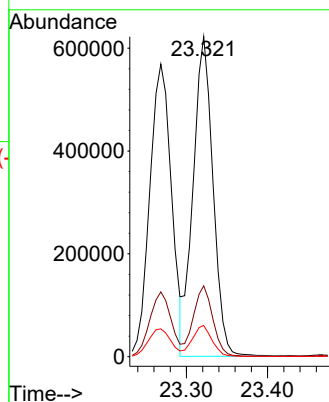
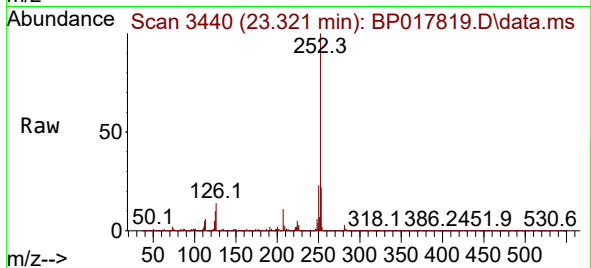
Tgt Ion:252 Resp: 1058280

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.8 7.0 10.6



#93

Benzo(a)pyrene

Concen: 24.443 ng/ul

RT: 23.945 min Scan# 3546

Delta R.T. -0.012 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

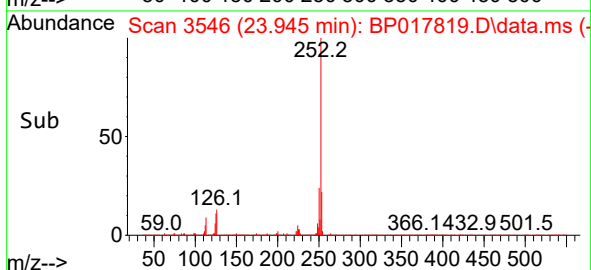
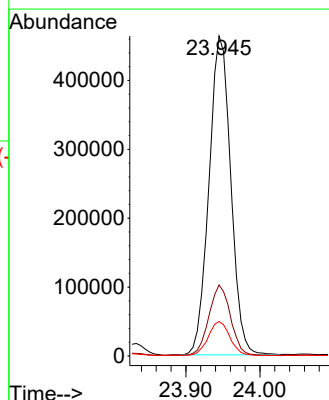
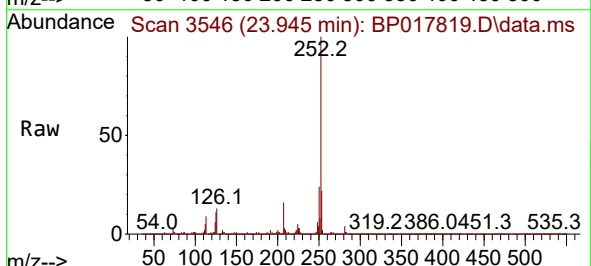
Tgt Ion:252 Resp: 944508

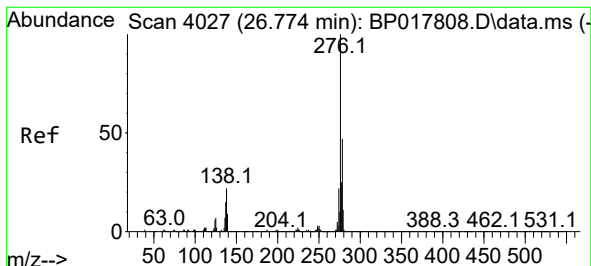
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 10.8 7.8 11.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 24.060 ng/ul

RT: 26.774 min Scan# 4027

Delta R.T. -0.006 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

Instrument :

BNA_P

ClientSampleId :

EOAT5MS

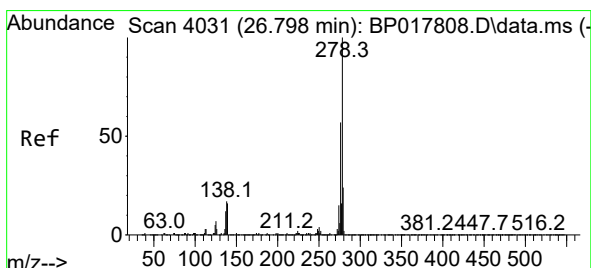
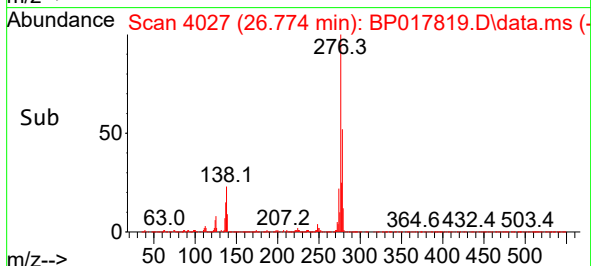
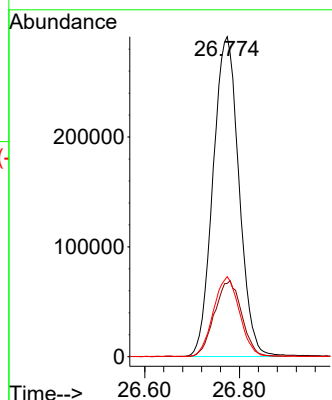
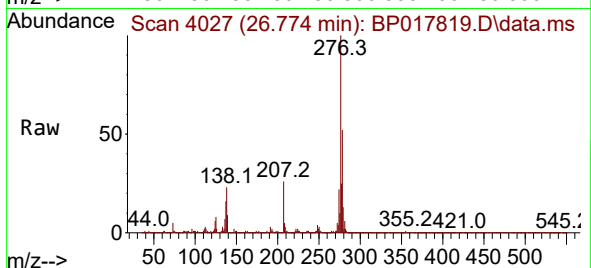
Tgt Ion:276 Resp: 1108048

Ion Ratio Lower Upper

276 100

138 22.9 15.6 23.4

277 25.0 19.4 29.2



#95

Dibenzo(a,h)anthracene

Concen: 23.350 ng/ul

RT: 26.798 min Scan# 4031

Delta R.T. -0.012 min

Lab File: BP017819.D

Acq: 26 Oct 2023 00:57

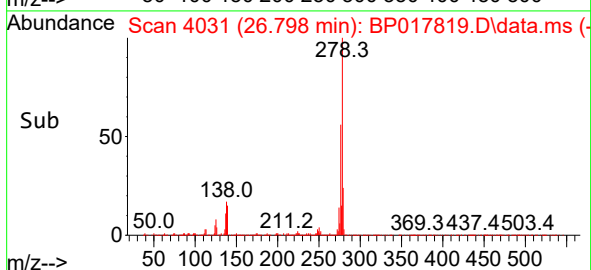
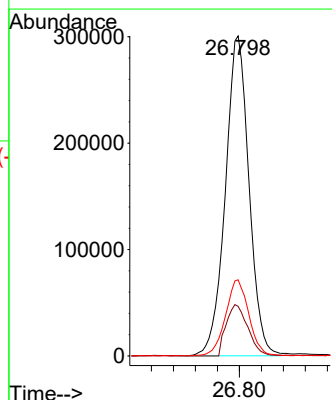
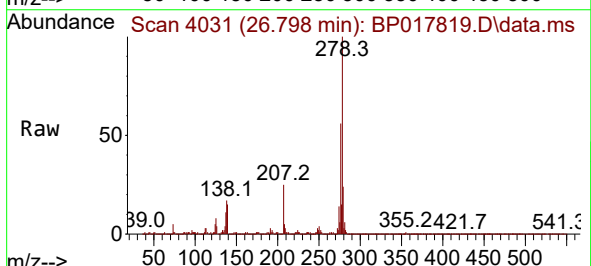
Tgt Ion:278 Resp: 897271

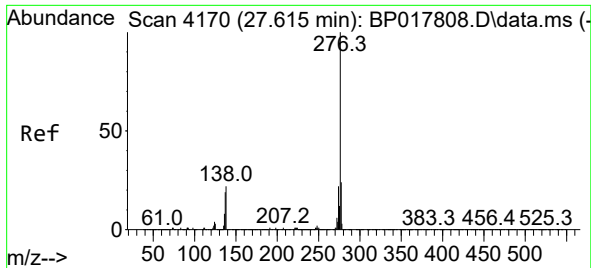
Ion Ratio Lower Upper

278 100

139 15.5 11.4 17.2

279 23.8 18.8 28.2





#96
 Benzo(g,h,i)perylene
 Concen: 14.081 ng/ul
 RT: 27.615 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BP017819.D
 Acq: 26 Oct 2023 00:57

Instrument :
 BNA_P
 ClientSampleId :
 EOAT5MS

Tgt Ion:276 Resp: 522501
 Ion Ratio Lower Upper
 276 100
 138 21.1 15.0 22.6
 277 23.3 18.5 27.7

