

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015316.D
 Acq On : 26 May 2023 19:06
 Operator : CG/JU
 Sample : 02945-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB17BMS

Quant Time: May 29 02:06:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	186645	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	685681	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	382163	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	784357	20.000	ng	0.00
76) Chrysene-d12	21.580	240	688263	20.000	ng	0.00
86) Perylene-d12	24.127	264	819261	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1277295	113.399	ng	0.00
7) Phenol-d6	7.263	99	1568251	106.241	ng	0.00
23) Nitrobenzene-d5	9.287	82	999421	71.167	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	540624	104.099	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	1968516	69.155	ng	0.00
79) Terphenyl-d14	20.033	244	2598543	71.016	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	225645	45.229	ng	97
3) Pyridine	3.875	79	566008	44.394	ng	98
4) n-Nitrosodimethylamine	3.781	42	288741	48.525	ng	98
6) Aniline	7.428	93	706414	37.863	ng	99
8) 2-Chlorophenol	7.663	128	582466	49.485	ng	98
9) Benzaldehyde	7.234	77	365551	52.999	ng	100
10) Phenol	7.287	94	725848	49.100	ng	99
11) bis(2-Chloroethyl)ether	7.522	93	569874	45.990	ng	98
12) 1,3-Dichlorobenzene	7.993	146	642608	49.063	ng	99
13) 1,4-Dichlorobenzene	8.140	146	654642	49.655	ng	100
14) 1,2-Dichlorobenzene	8.463	146	626186	49.782	ng	99
15) Benzyl Alcohol	8.352	79	526056	51.058	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.634	45	762580	47.726	ng	100
17) 2-Methylphenol	8.552	107	476373	45.280	ng	96
18) Hexachloroethane	9.199	117	248648	50.042	ng	96
19) n-Nitroso-di-n-propyla...	8.922	70	429448	45.457	ng	99
20) 3+4-Methylphenols	8.881	107	644852	45.371	ng	99
22) Acetophenone	8.940	105	856288	48.080	ng	99
24) Nitrobenzene	9.328	77	654448	46.802	ng	98
25) Isophorone	9.857	82	1169688	46.413	ng	99
26) 2-Nitrophenol	10.040	139	307224	50.056	ng	99
27) 2,4-Dimethylphenol	10.099	122	507748	49.344	ng	99
28) bis(2-Chloroethoxy)met...	10.334	93	735036	47.323	ng	99
29) 2,4-Dichlorophenol	10.581	162	516065	48.370	ng	99
30) 1,2,4-Trichlorobenzene	10.793	180	570812	47.964	ng	98
31) Naphthalene	10.987	128	1666198	46.141	ng	99
32) Benzoic acid	10.240	122	370514	45.791	ng	97
33) 4-Chloroaniline	11.099	127	257382	17.240	ng	99
34) Hexachlorobutadiene	11.263	225	352794	46.788	ng	98
35) Caprolactam	11.887	113	158862	48.501	ng	98
36) 4-Chloro-3-methylphenol	12.210	107	550604	47.466	ng	98
37) 2-Methylnaphthalene	12.587	142	1114932	43.441	ng	100
38) 1-Methylnaphthalene	12.804	142	1045231	43.649	ng	99
40) 1,2,4,5-Tetrachloroben...	12.951	216	602394	48.039	ng	99
41) Hexachlorocyclopentadiene	12.922	237	763803	114.998	ng	100
43) 2,4,6-Trichlorophenol	13.187	196	400389	49.191	ng	98

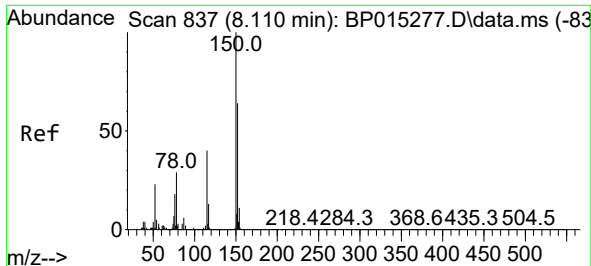
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 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	436799	45.649	ng	98
46) 1,1'-Biphenyl	13.587	154	1447222	47.795	ng	100
47) 2-Chloronaphthalene	13.628	162	1103284	48.301	ng	100
48) 2-Nitroaniline	13.834	65	347993	49.872	ng	95
49) Acenaphthylene	14.475	152	1727688	47.271	ng	100
50) Dimethylphthalate	14.204	163	1385962	46.356	ng	99
51) 2,6-Dinitrotoluene	14.328	165	305970	48.471	ng	97
52) Acenaphthene	14.810	154	1018148	46.771	ng	98
53) 3-Nitroaniline	14.657	138	174783	27.091	ng	100
54) 2,4-Dinitrophenol	14.863	184	353580	83.028	ng	99
55) Dibenzofuran	15.145	168	1629126	45.749	ng	98
56) 4-Nitrophenol	14.963	139	521381	91.469	ng	92
57) 2,4-Dinitrotoluene	15.110	165	409121	49.292	ng	98
58) Fluorene	15.798	166	1266026	46.031	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.369	232	367898	48.074	ng	99
60) Diethylphthalate	15.557	149	1365864	45.859	ng	100
61) 4-Chlorophenyl-phenyle...	15.787	204	644122	45.739	ng	98
62) 4-Nitroaniline	15.822	138	287266	41.726	ng	98
63) Azobenzene	16.081	77	1518858	53.456	ng	98
65) 4,6-Dinitro-2-methylph...	15.875	198	234303	49.181	ng	95
66) n-Nitrosodiphenylamine	15.998	169	1107782	47.397	ng	99
67) 4-Bromophenyl-phenylether	16.681	248	393263	46.369	ng	98
68) Hexachlorobenzene	16.804	284	450950	48.282	ng	97
69) Atrazine	16.951	200	416713	55.838	ng	98
70) Pentachlorophenol	17.145	266	569669	89.002	ng	100
71) Phenanthrene	17.545	178	1966843	47.049	ng	99
72) Anthracene	17.633	178	1984263	47.394	ng	100
73) Carbazole	17.904	167	1821853	49.142	ng	99
74) Di-n-butylphthalate	18.433	149	2346149	49.278	ng	100
75) Fluoranthene	19.498	202	2277890	46.644	ng	99
77) Benzidine	19.669	184	1268341	116.374	ng	100
78) Pyrene	19.845	202	2352638	47.774	ng	99
80) Butylbenzylphthalate	20.704	149	1036965	49.689	ng	99
81) Benzo(a)anthracene	21.563	228	2210735	46.229	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	702205	47.541	ng	97
83) Chrysene	21.616	228	2065969	45.054	ng	100
84) Bis(2-ethylhexyl)phtha...	21.457	149	1529212	49.753	ng	99
85) Di-n-octyl phthalate	22.433	149	2568297	49.394	ng	100
87) Indeno(1,2,3-cd)pyrene	26.839	276	3050680	51.375	ng	100
88) Benzo(b)fluoranthene	23.345	252	2361522	47.410	ng	100
89) Benzo(k)fluoranthene	23.398	252	2283330	45.522	ng	99
90) Benzo(a)pyrene	24.015	252	2115967	43.999	ng	100
91) Dibenzo(a,h)anthracene	26.851	278	2521195	51.700	ng	98
92) Benzo(g,h,i)perylene	27.668	276	2575952	51.987	ng	99

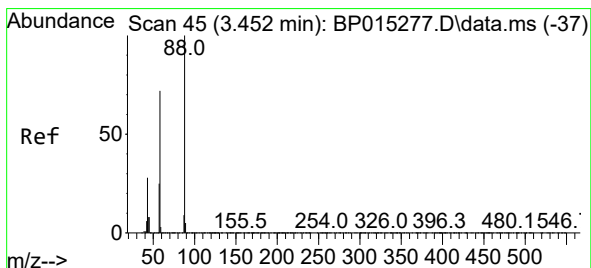
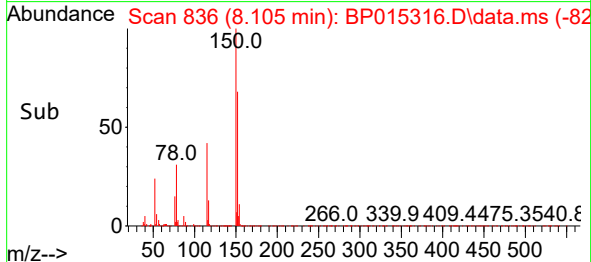
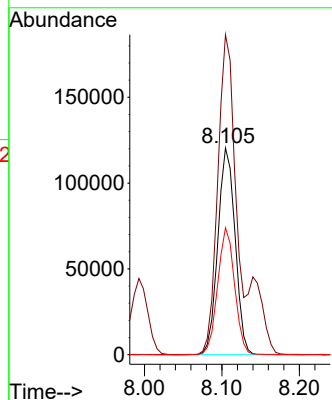
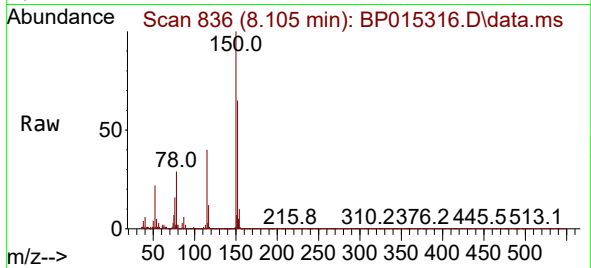
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.105 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BP015316.D
 Acq: 26 May 2023 19:06

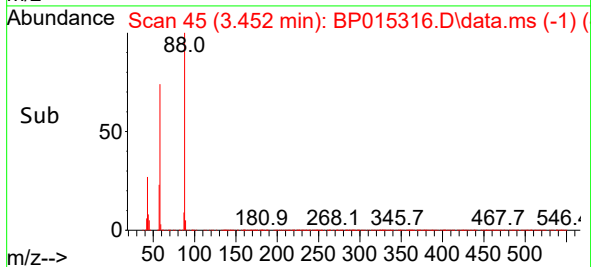
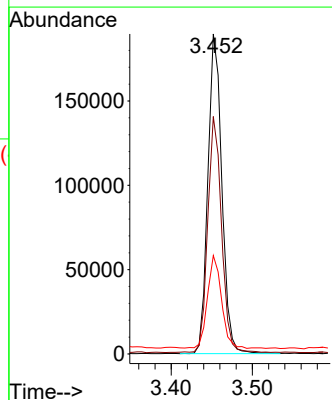
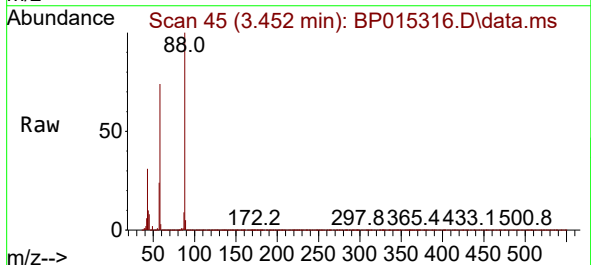
Instrument :
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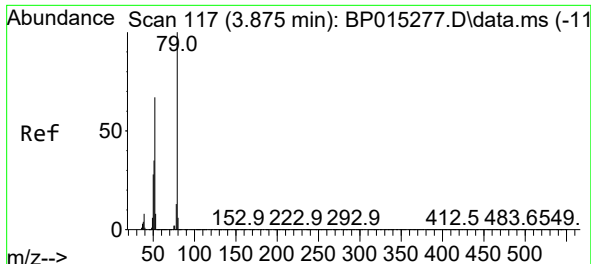
Tgt Ion:152 Resp: 186645
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.2 186.2
 115 61.4 49.1 73.7



#2
 1,4-Dioxane
 Concen: 45.229 ng
 RT: 3.452 min Scan# 45
 Delta R.T. 0.000 min
 Lab File: BP015316.D
 Acq: 26 May 2023 19:06

Tgt Ion: 88 Resp: 225645
 Ion Ratio Lower Upper
 88 100
 58 72.9 56.2 84.4
 43 28.9 22.1 33.1

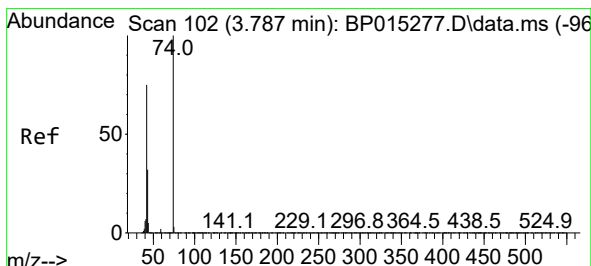
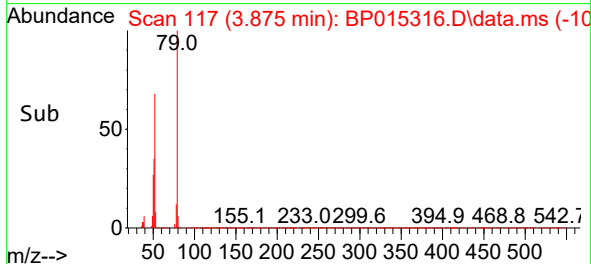
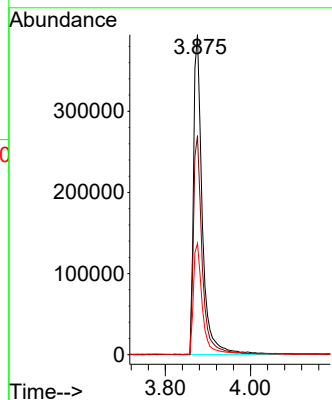
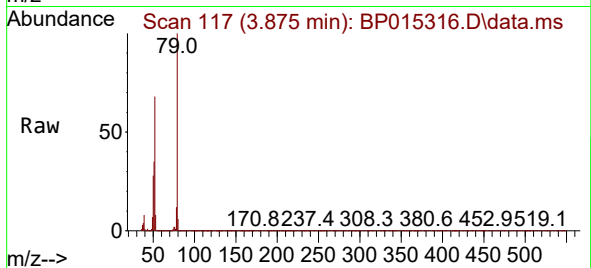




#3
Pyridine
Concen: 44.394 ng
RT: 3.875 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

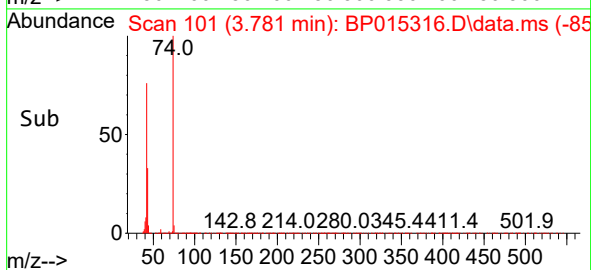
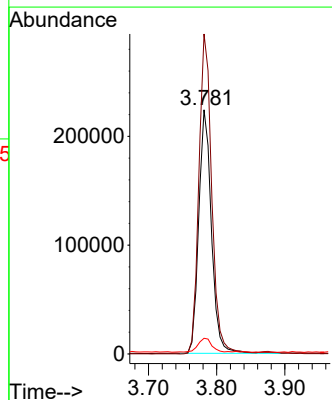
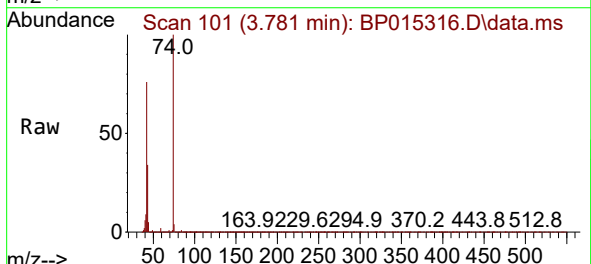
Instrument :
BNA_P
ClientSampleId :
SB17BMS

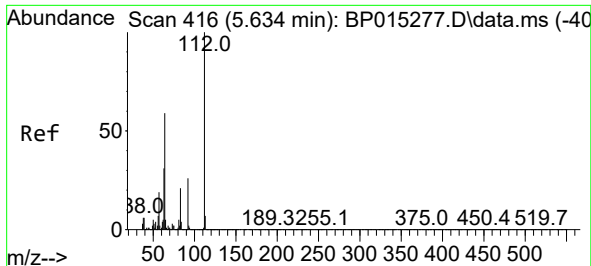
Tgt Ion: 79 Resp: 566008
Ion Ratio Lower Upper
79 100
52 68.5 53.7 80.5
51 34.8 28.6 43.0



#4
n-Nitrosodimethylamine
Concen: 48.525 ng
RT: 3.781 min Scan# 101
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion: 42 Resp: 288741
Ion Ratio Lower Upper
42 100
74 131.1 106.6 160.0
44 6.4 5.8 8.8

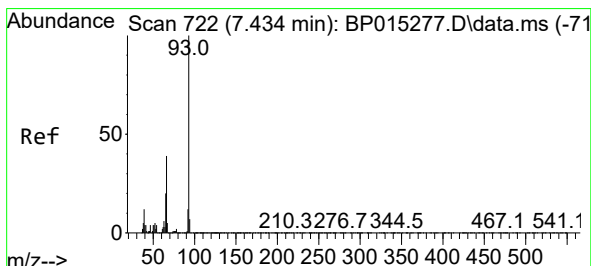
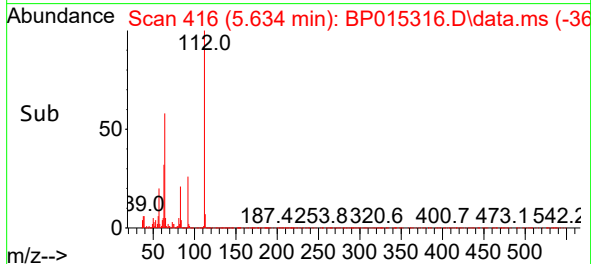
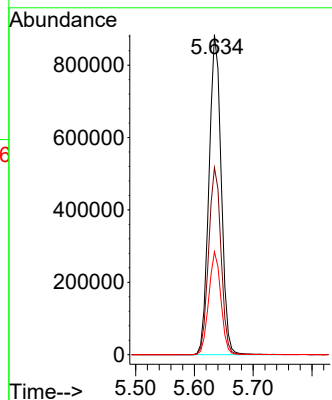
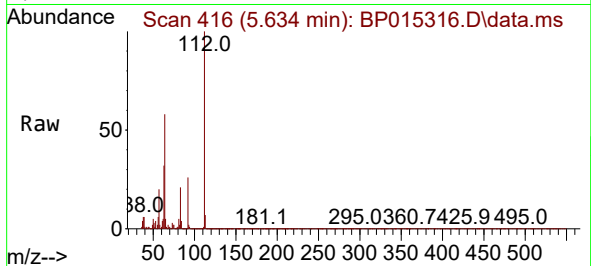




#5
2-Fluorophenol
Concen: 113.399 ng
RT: 5.634 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

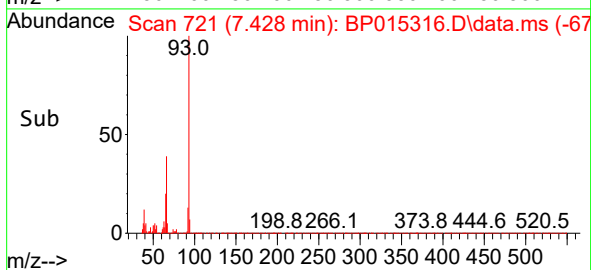
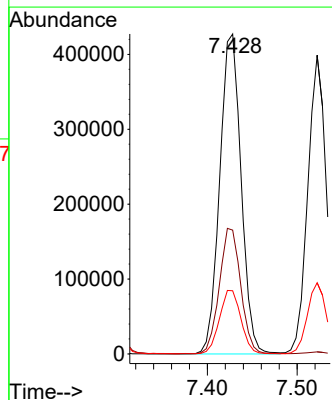
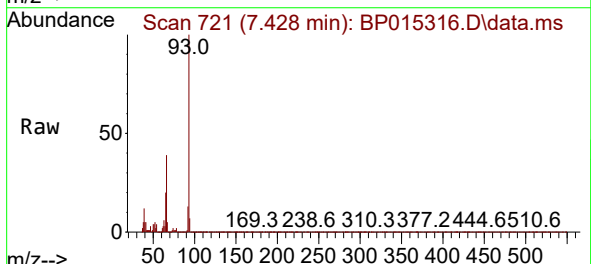
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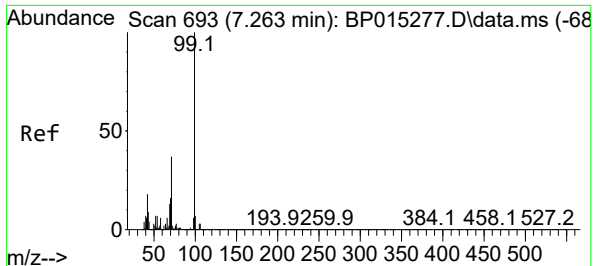
Tgt Ion:112 Resp: 1277295
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 32.2 24.6 37.0



#6
Aniline
Concen: 37.863 ng
RT: 7.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion: 93 Resp: 706414
Ion Ratio Lower Upper
93 100
66 38.7 31.3 46.9
65 19.8 16.0 24.0



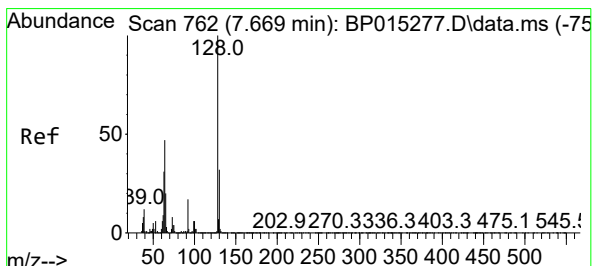
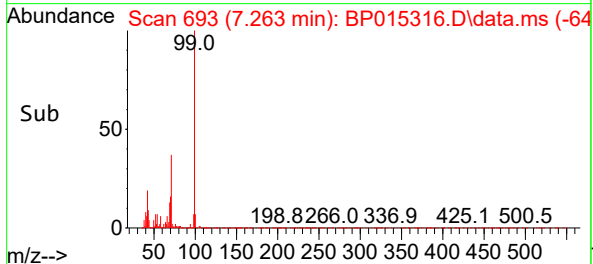
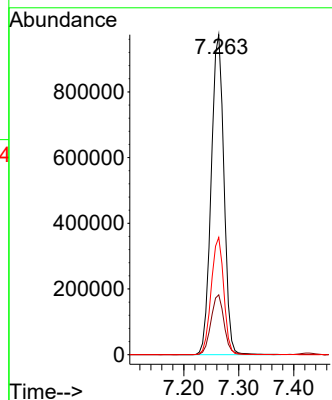
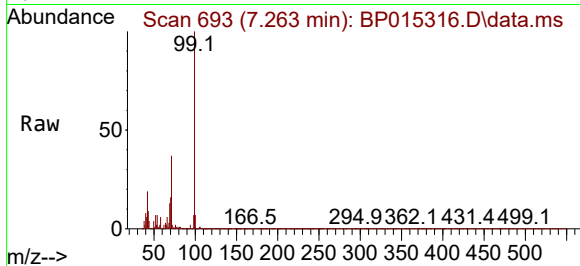


#7
Phenol-d6
Concen: 106.241 ng
RT: 7.263 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Instrument :
BNA_P
ClientSampleId :
SB17BMS

Tgt Ion: 99 Resp: 1568251

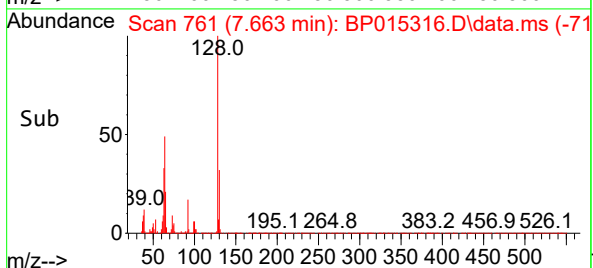
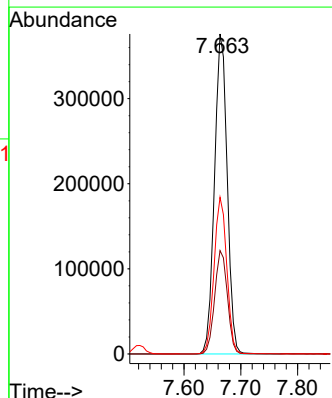
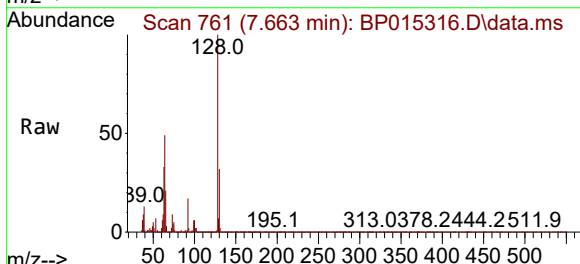
Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.6	22.0
71	36.6	29.4	44.2

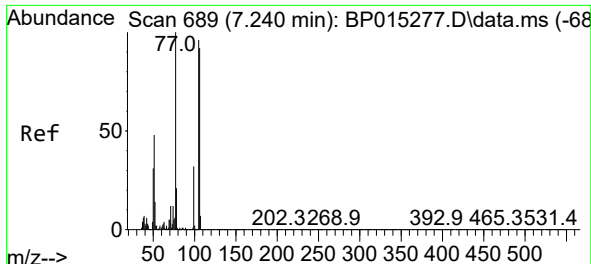


#8
2-Chlorophenol
Concen: 49.485 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion: 128 Resp: 582466

Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.5	51.5
64	48.9	27.3	67.3

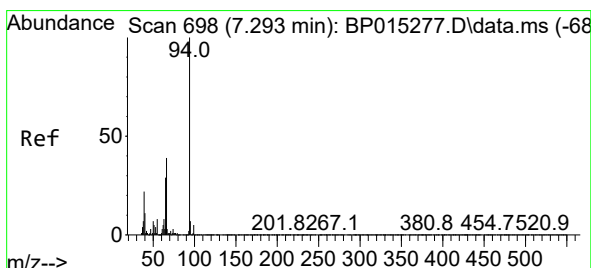
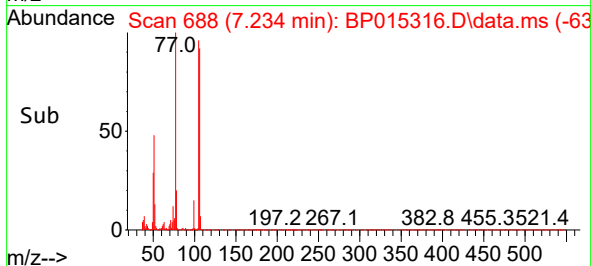
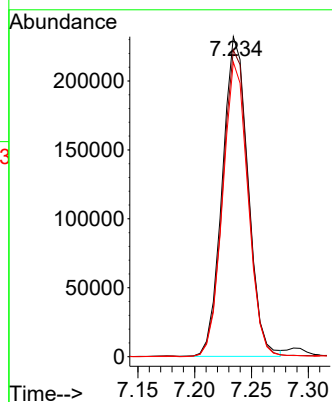
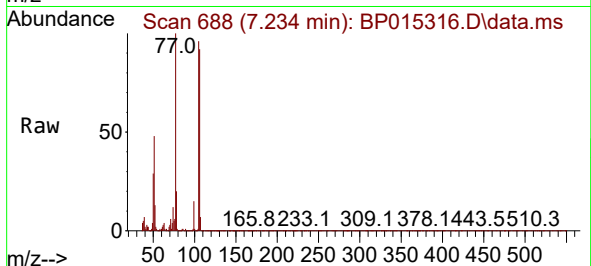




#9
Benzaldehyde
Concen: 52.999 ng
RT: 7.234 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

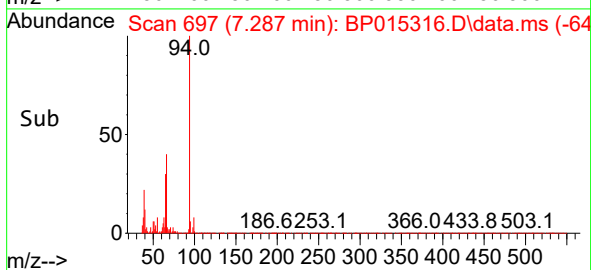
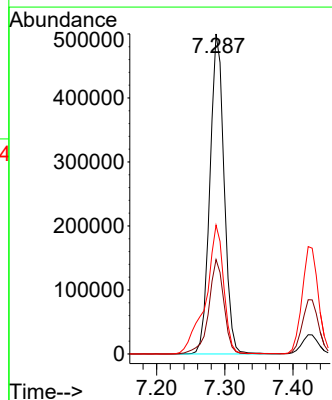
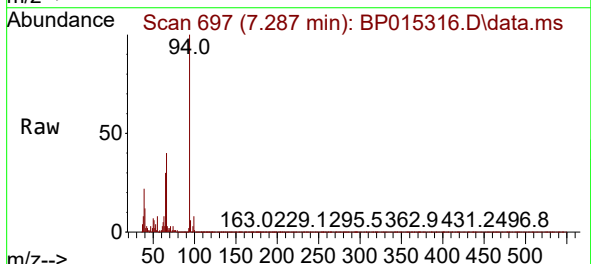
Instrument :
BNA_P
ClientSampleId :
SB17BMS

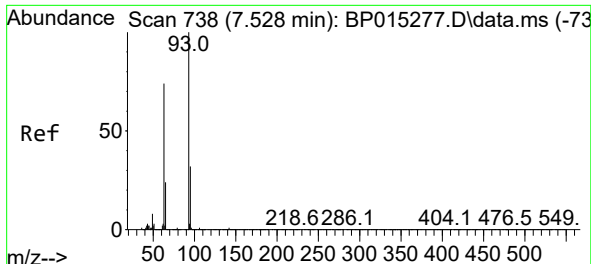
Tgt Ion: 77 Resp: 365551
Ion Ratio Lower Upper
77 100
105 95.8 75.9 115.9
106 92.1 72.3 112.3



#10
Phenol
Concen: 49.100 ng
RT: 7.287 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion: 94 Resp: 725848
Ion Ratio Lower Upper
94 100
65 29.5 9.1 49.1
66 40.2 19.3 59.3

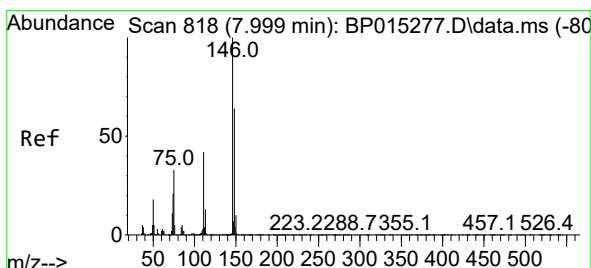
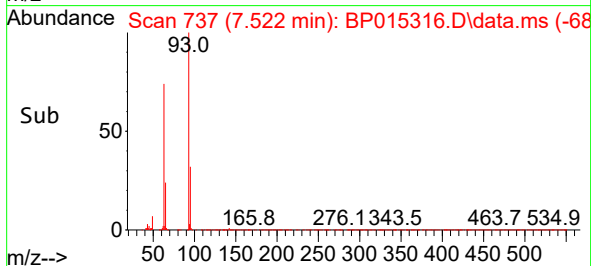
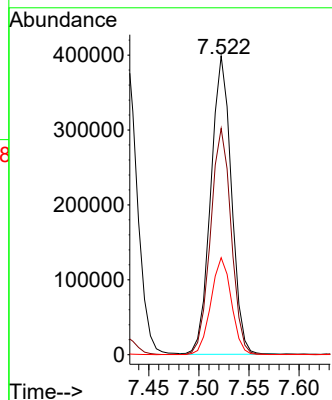
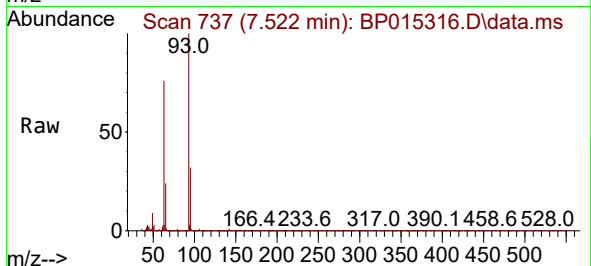




#11
bis(2-Chloroethyl)ether
Concen: 45.990 ng
RT: 7.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

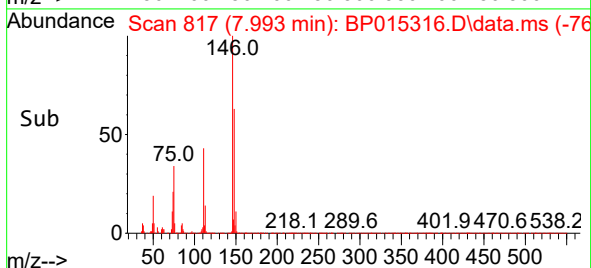
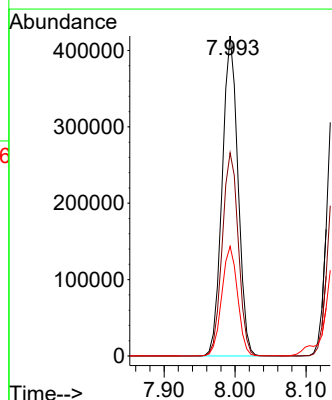
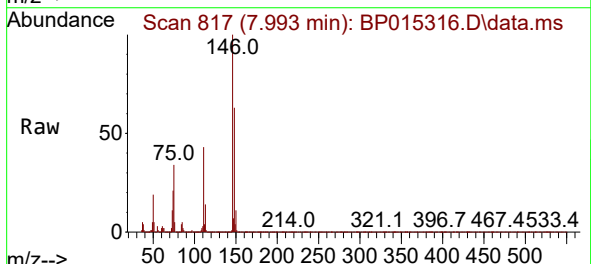
Instrument :
BNA_P
ClientSampleId :
SB17BMS

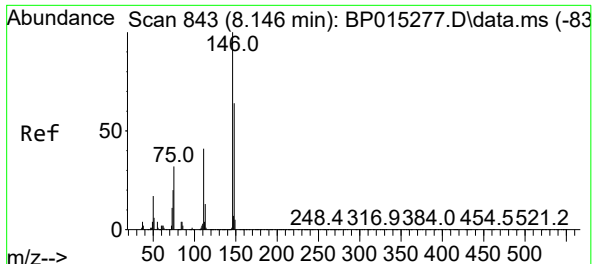
Tgt Ion: 93 Resp: 569874
Ion Ratio Lower Upper
93 100
63 75.7 53.9 93.9
95 32.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 49.063 ng
RT: 7.993 min Scan# 817
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion:146 Resp: 642608
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
75 34.2 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 49.655 ng

RT: 8.140 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

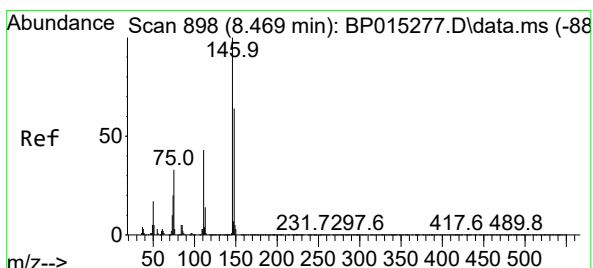
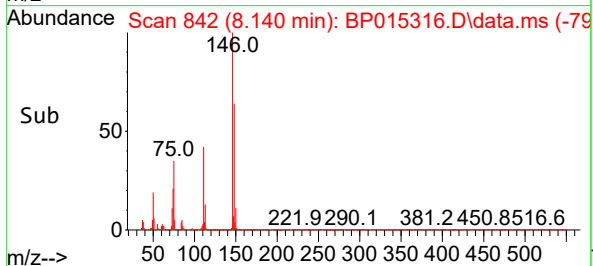
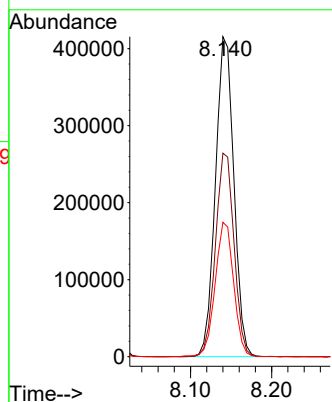
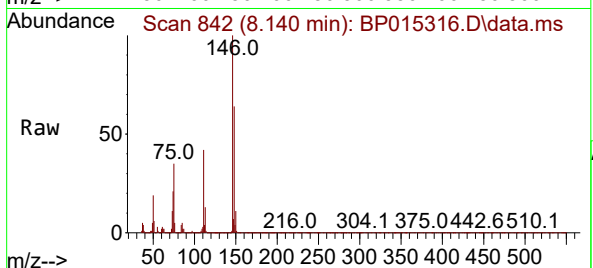
Tgt Ion:146 Resp: 654642

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

111 42.0 33.3 49.9



#14

1,2-Dichlorobenzene

Concen: 49.782 ng

RT: 8.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

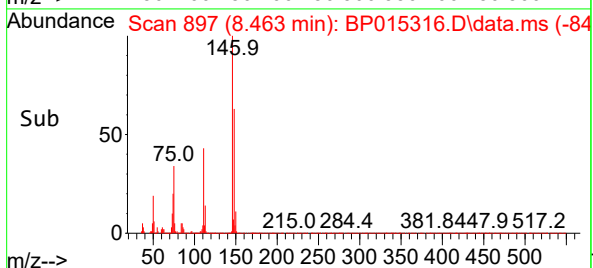
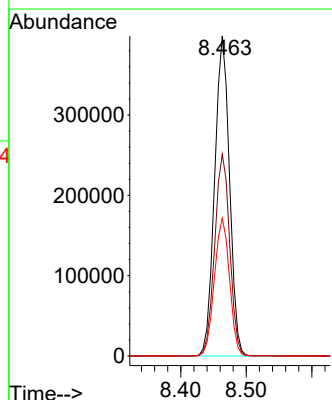
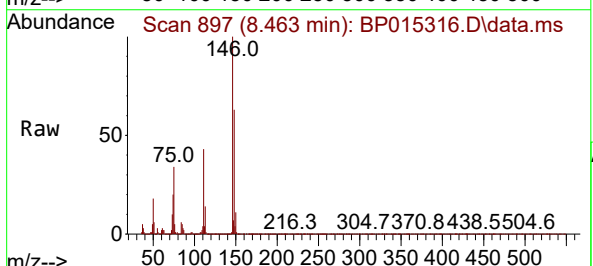
Tgt Ion:146 Resp: 626186

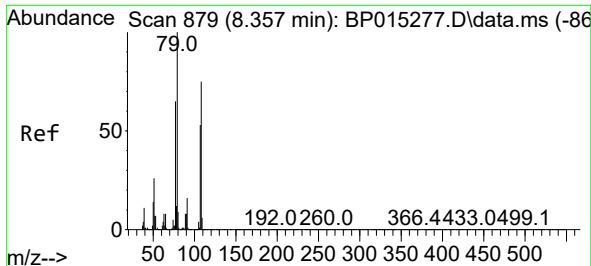
Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.2

111 43.1 34.2 51.2

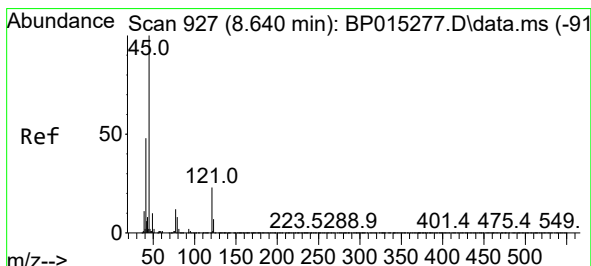
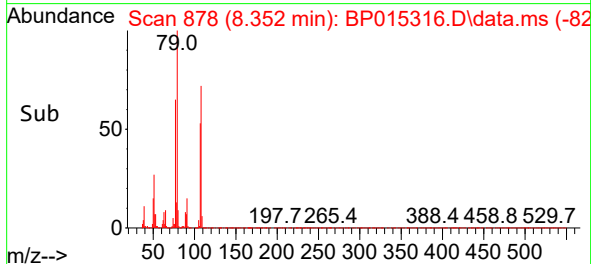
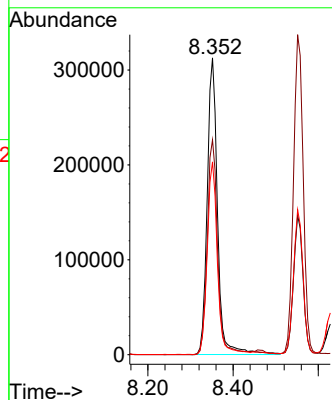
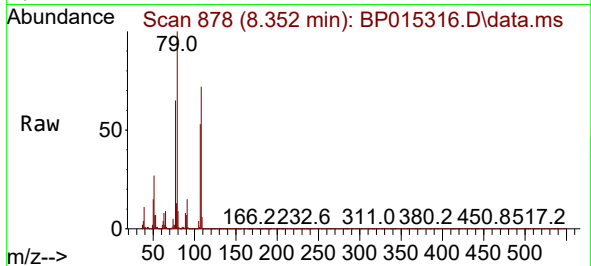




#15
Benzyl Alcohol
Concen: 51.058 ng
RT: 8.352 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

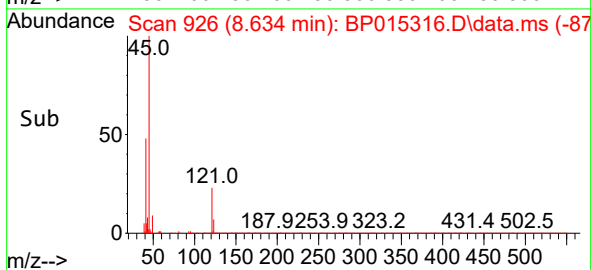
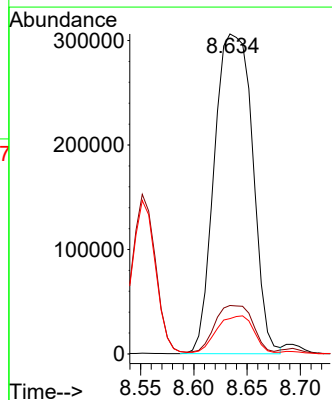
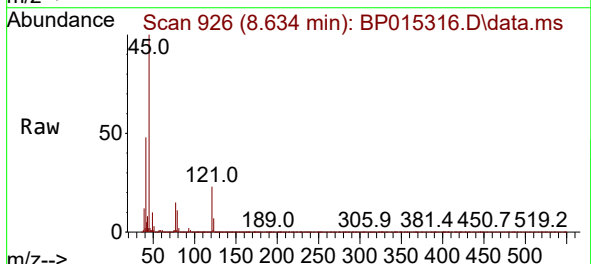
Instrument :
BNA_P
ClientSampleId :
SB17BMS

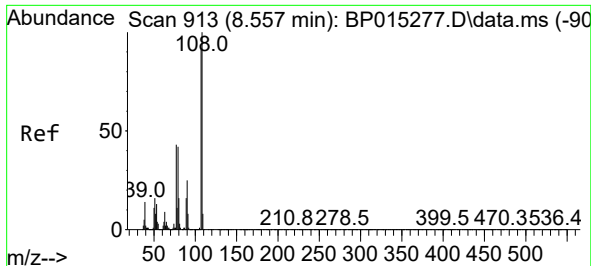
Tgt Ion: 79 Resp: 526056
Ion Ratio Lower Upper
79 100
108 72.4 60.2 90.2
77 64.9 52.1 78.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.726 ng
RT: 8.634 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion: 45 Resp: 762580
Ion Ratio Lower Upper
45 100
77 15.1 0.0 35.3
79 11.0 0.0 31.2





#17

2-Methylphenol

Concen: 45.280 ng

RT: 8.552 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

Tgt Ion:107 Resp: 476373

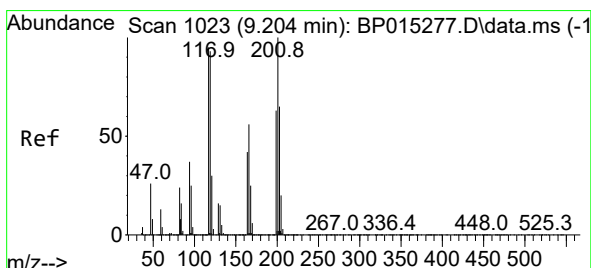
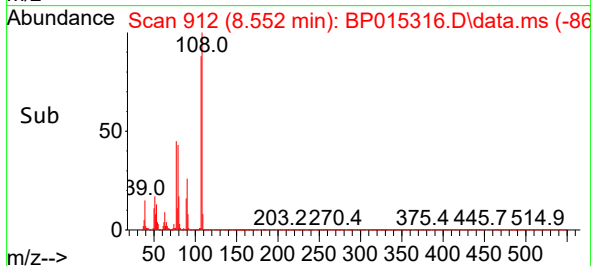
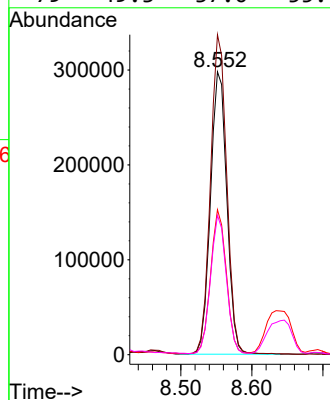
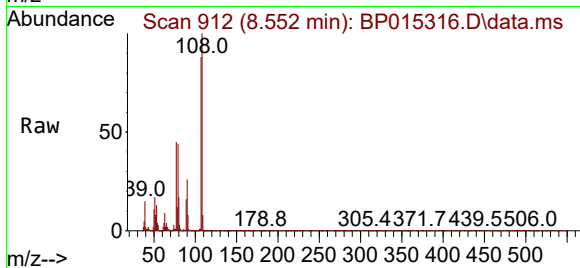
Ion Ratio Lower Upper

107 100

108 113.1 87.3 130.9

77 51.3 38.1 57.1

79 49.3 37.0 55.4



#18

Hexachloroethane

Concen: 50.042 ng

RT: 9.199 min Scan# 1022

Delta R.T. -0.005 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

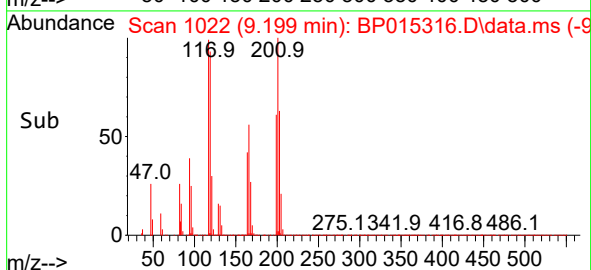
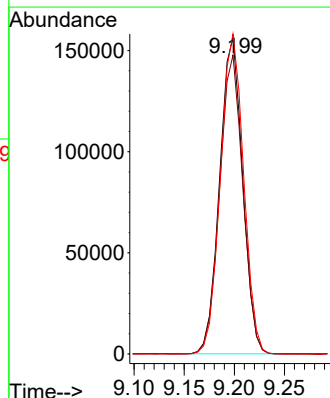
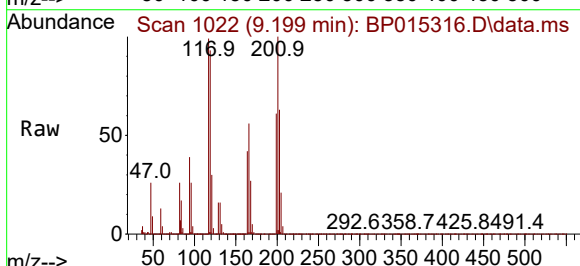
Tgt Ion:117 Resp: 248648

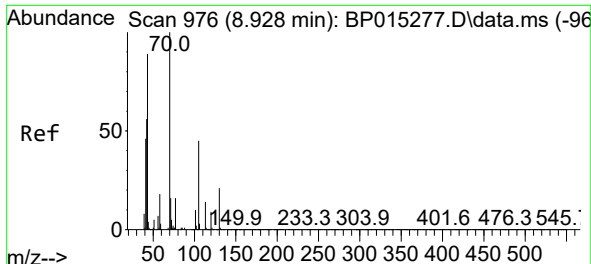
Ion Ratio Lower Upper

117 100

119 94.5 78.8 118.2

201 101.2 84.5 126.7





#19

n-Nitroso-di-n-propylamine

Concen: 45.457 ng

RT: 8.922 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

Tgt Ion: 70 Resp: 429448

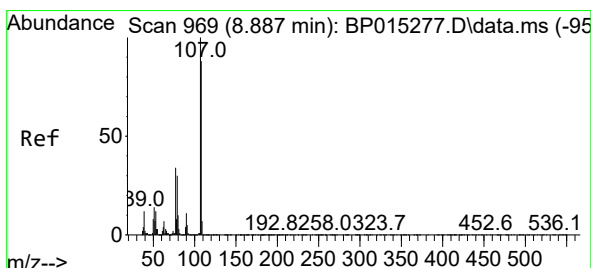
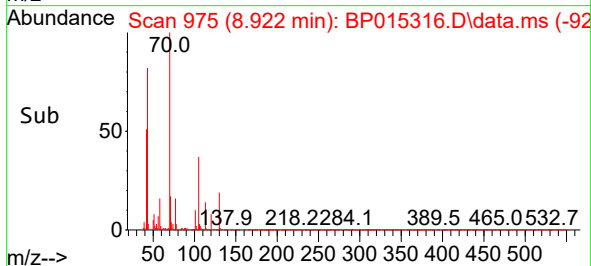
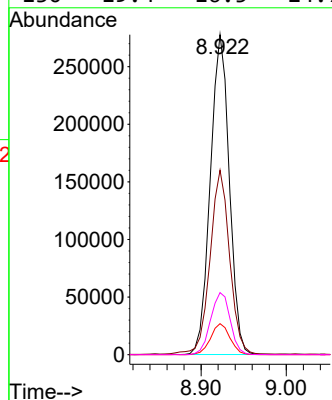
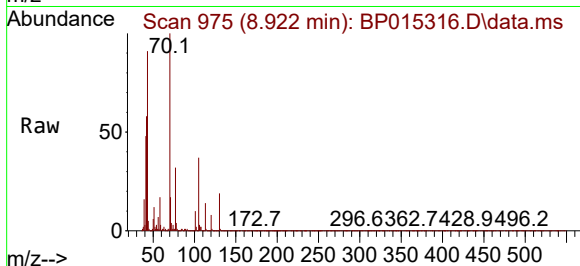
Ion Ratio Lower Upper

70 100

42 57.6 45.4 68.2

101 9.7 7.9 11.9

130 19.4 16.5 24.7



#20

3+4-Methylphenols

Concen: 45.371 ng

RT: 8.881 min Scan# 968

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Tgt Ion: 107 Resp: 644852

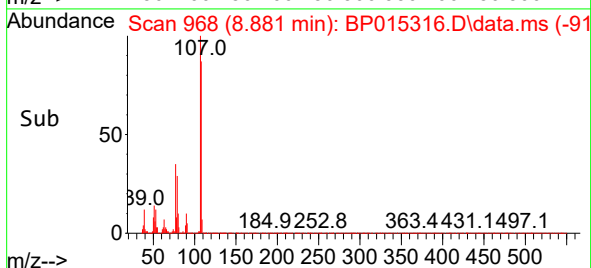
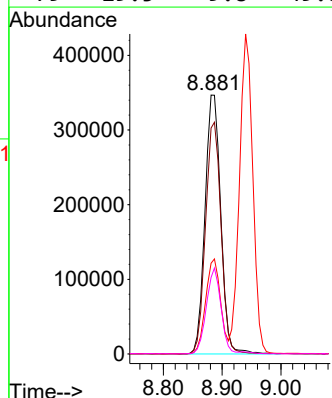
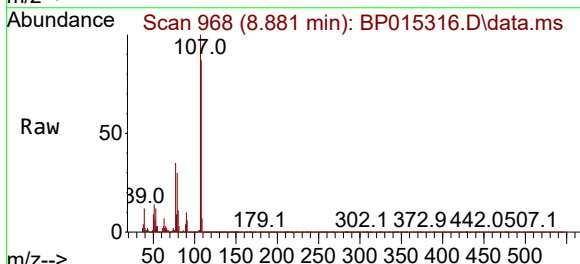
Ion Ratio Lower Upper

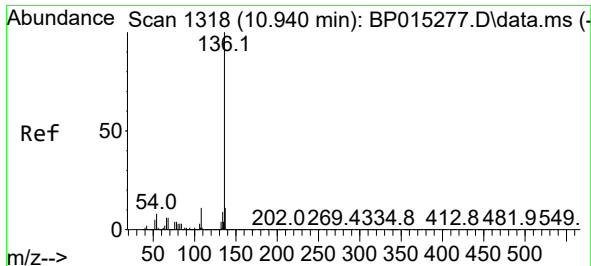
107 100

108 87.2 68.0 108.0

77 35.0 14.5 54.5

79 29.5 9.8 49.8

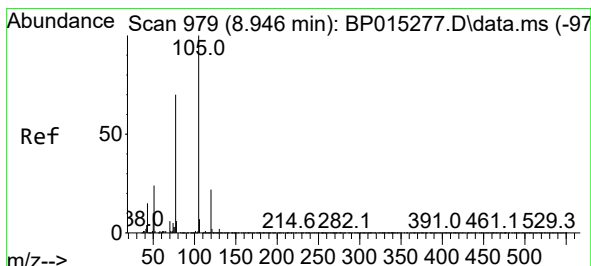
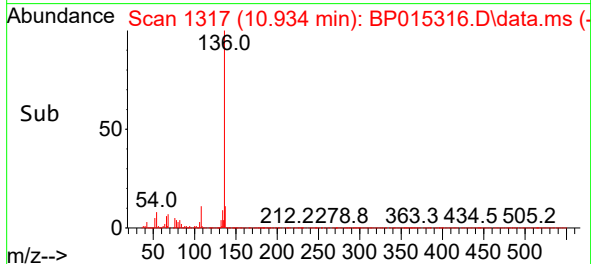
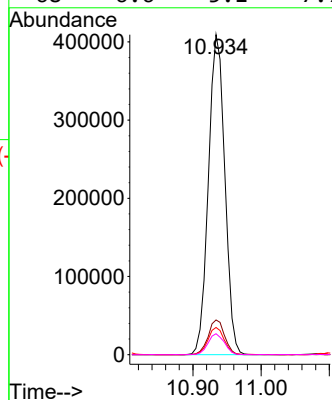
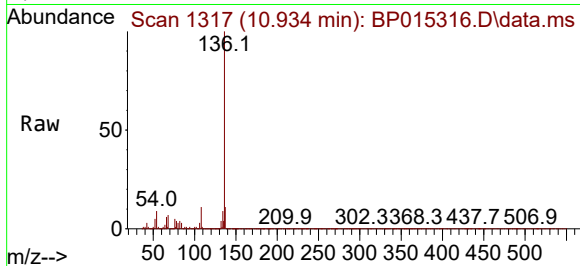




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

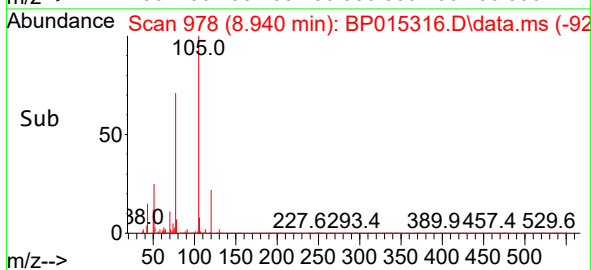
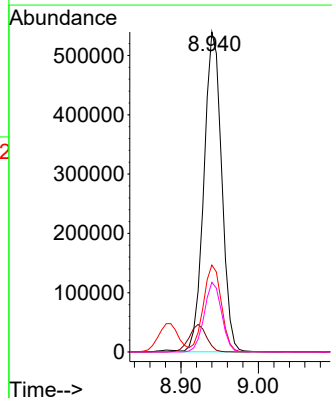
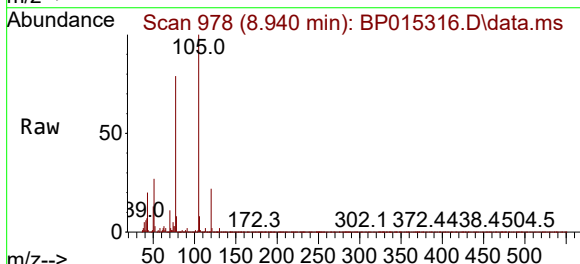
Instrument :
BNA_P
ClientSampleId :
SB17BMS

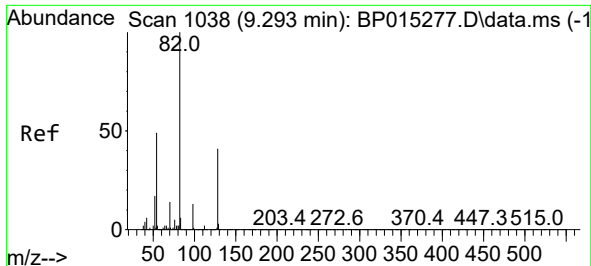
Tgt Ion:	136	Resp:	685681
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.5	6.3	9.5
68	6.6	5.1	7.7



#22
Acetophenone
Concen: 48.080 ng
RT: 8.940 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion:	105	Resp:	856288
Ion Ratio	Lower	Upper	
105	100		
71	1.9	1.5	2.3
51	27.1	22.5	33.7
120	21.7	17.2	25.8

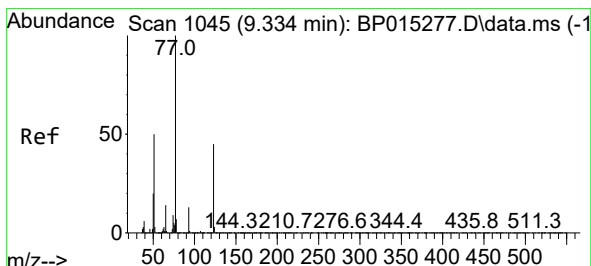
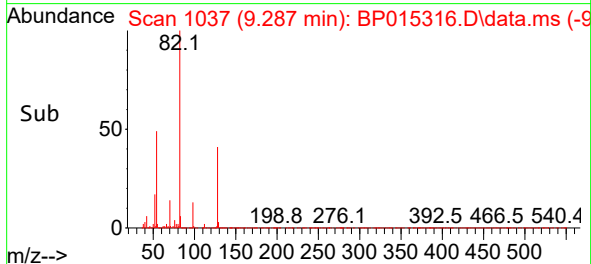
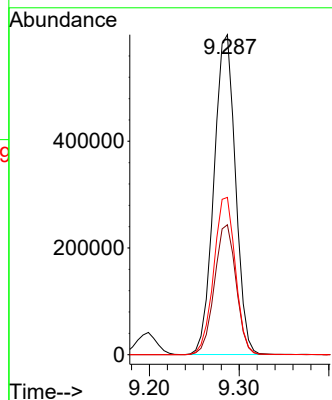
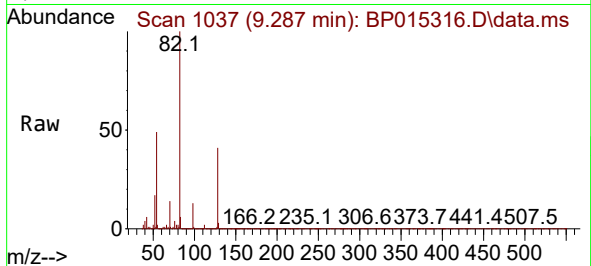




#23
Nitrobenzene-d5
Concen: 71.167 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

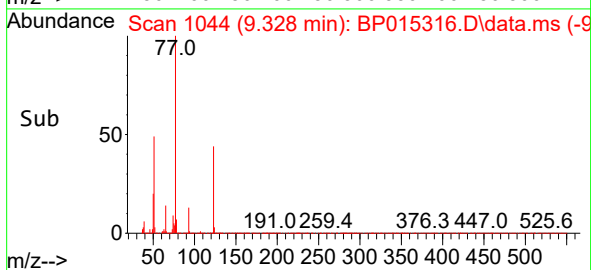
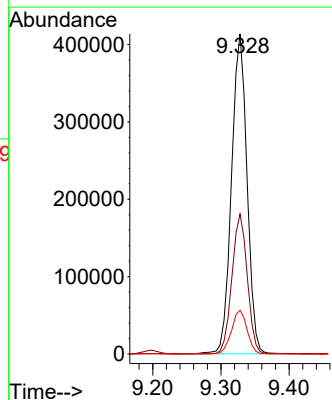
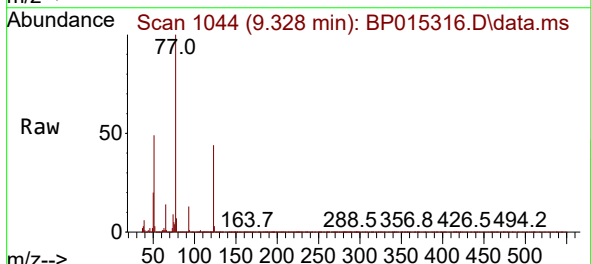
Instrument :
BNA_P
ClientSampleId :
SB17BMS

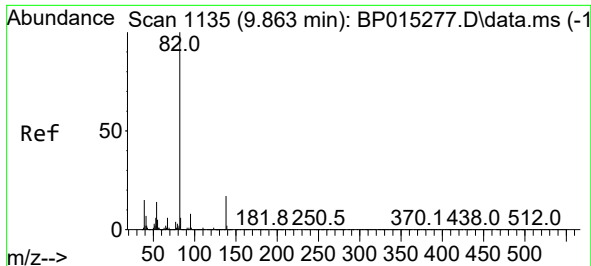
Tgt Ion: 82 Resp: 999421
Ion Ratio Lower Upper
82 100
128 40.6 33.0 49.4
54 49.1 39.2 58.8



#24
Nitrobenzene
Concen: 46.802 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion: 77 Resp: 654448
Ion Ratio Lower Upper
77 100
123 43.7 36.2 54.4
65 13.6 10.8 16.2

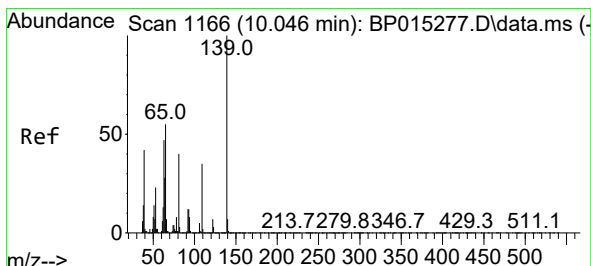
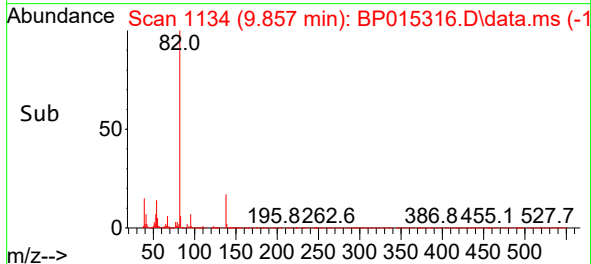
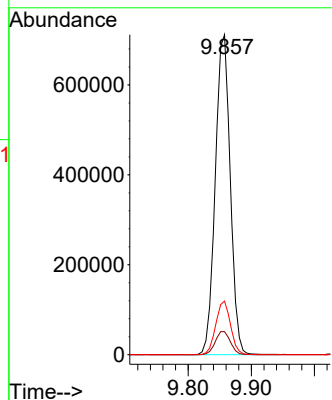
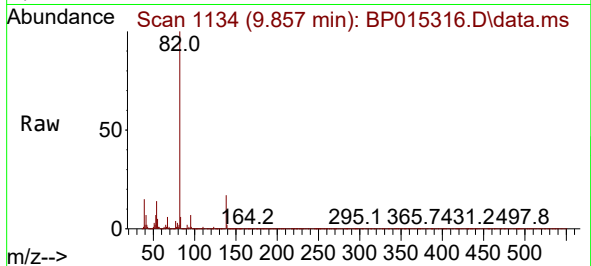




#25
Isophorone
Concen: 46.413 ng
RT: 9.857 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

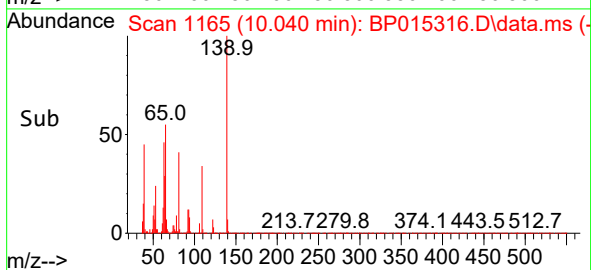
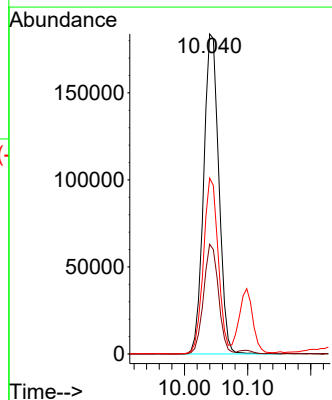
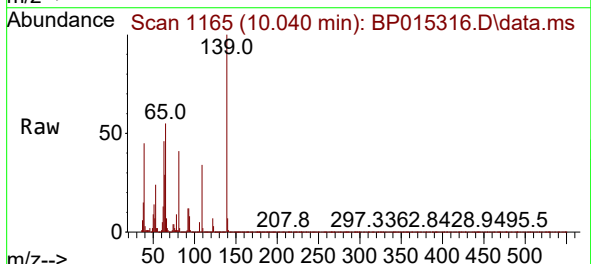
Instrument :
BNA_P
ClientSampleId :
SB17BMS

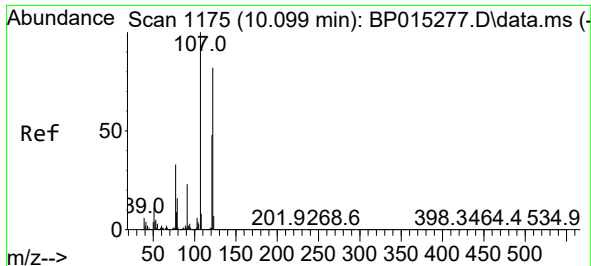
Tgt Ion: 82 Resp: 1169688
Ion Ratio Lower Upper
82 100
95 7.2 6.3 9.5
138 16.8 13.6 20.4



#26
2-Nitrophenol
Concen: 50.056 ng
RT: 10.040 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion:139 Resp: 307224
Ion Ratio Lower Upper
139 100
109 34.3 28.4 42.6
65 54.9 43.8 65.8

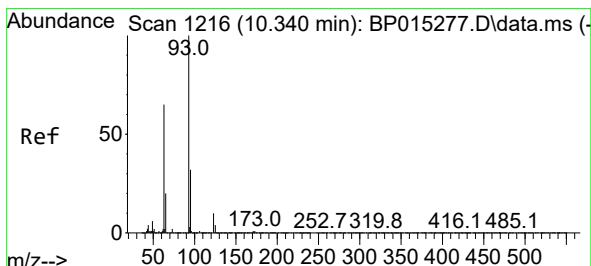
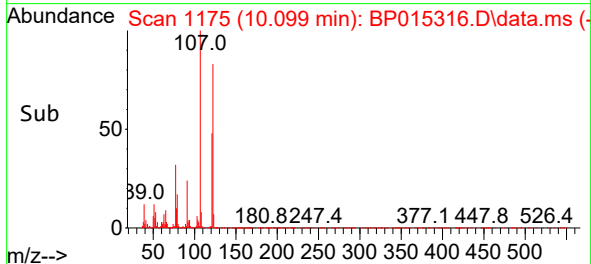
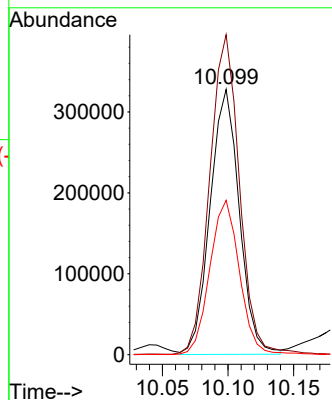
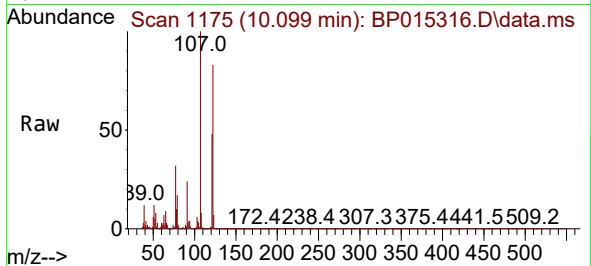




#27
2,4-Dimethylphenol
Concen: 49.344 ng
RT: 10.099 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

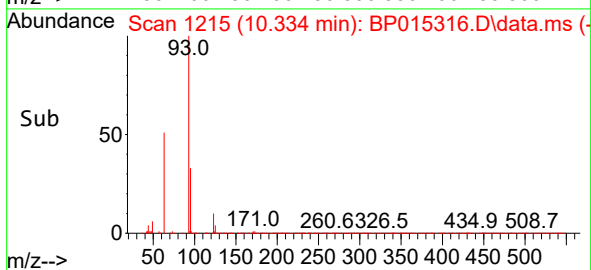
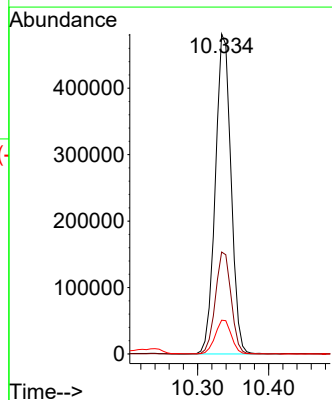
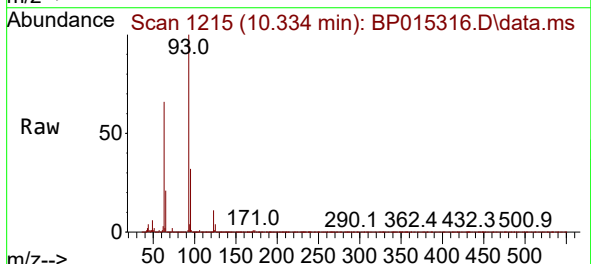
Instrument :
BNA_P
ClientSampleId :
SB17BMS

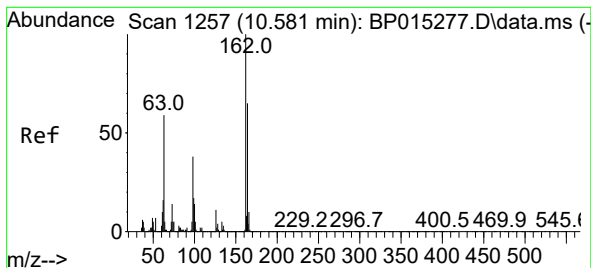
Tgt Ion:122 Resp: 507748
Ion Ratio Lower Upper
122 100
107 120.6 95.9 143.9
121 58.2 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 47.323 ng
RT: 10.334 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion: 93 Resp: 735036
Ion Ratio Lower Upper
93 100
95 31.9 26.0 39.0
123 10.6 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 48.370 ng

RT: 10.581 min Scan# 1257

Delta R.T. -0.000 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

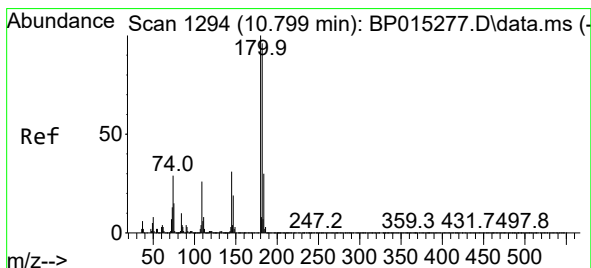
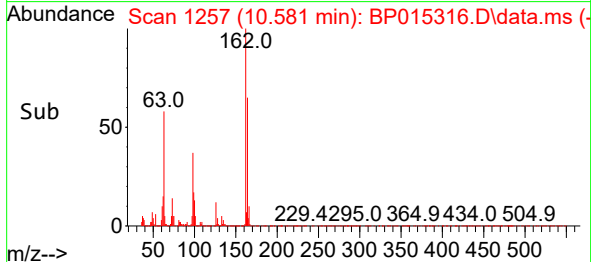
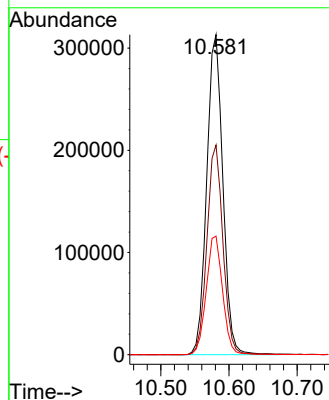
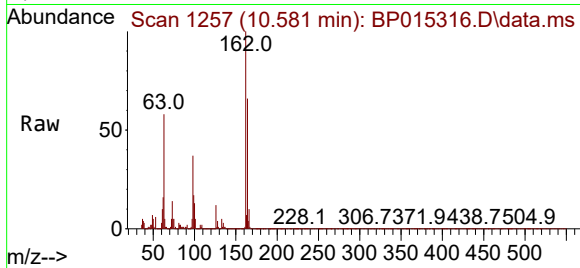
Tgt Ion:162 Resp: 516065

Ion Ratio Lower Upper

162 100

164 65.5 45.4 85.4

98 37.1 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 47.964 ng

RT: 10.793 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

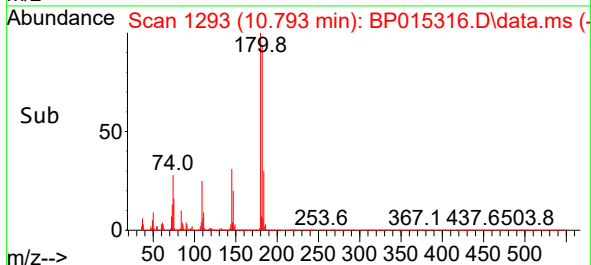
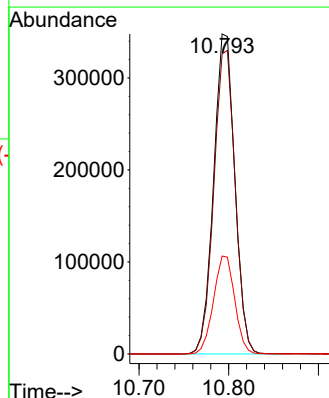
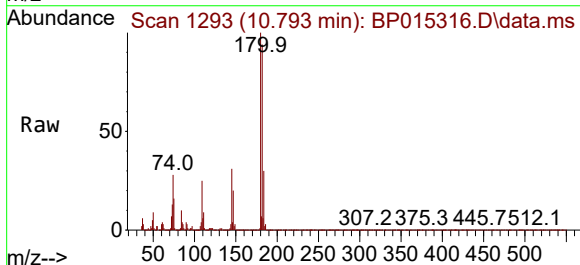
Tgt Ion:180 Resp: 570812

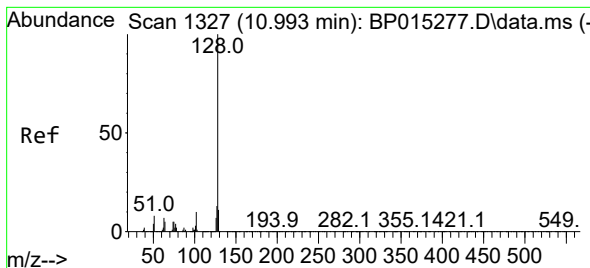
Ion Ratio Lower Upper

180 100

182 93.7 76.6 115.0

145 30.6 24.9 37.3





#31

Naphthalene

Concen: 46.141 ng

RT: 10.987 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

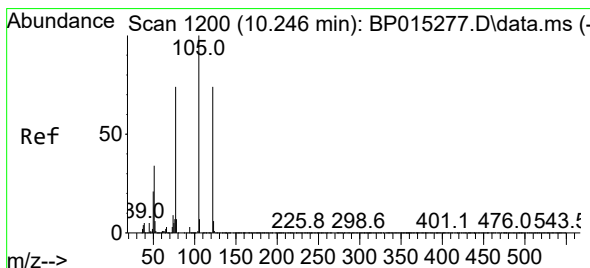
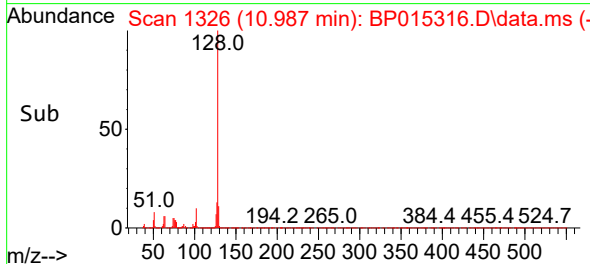
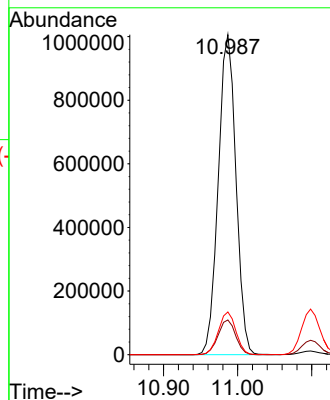
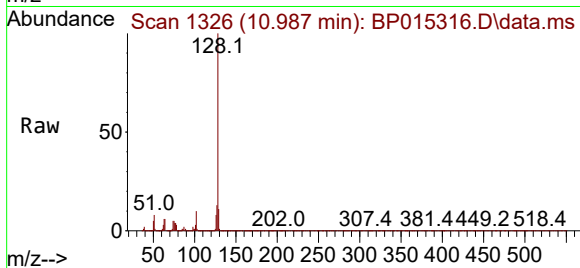
Tgt Ion:128 Resp: 1666198

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.4 10.4 15.6



#32

Benzoic acid

Concen: 45.791 ng

RT: 10.240 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

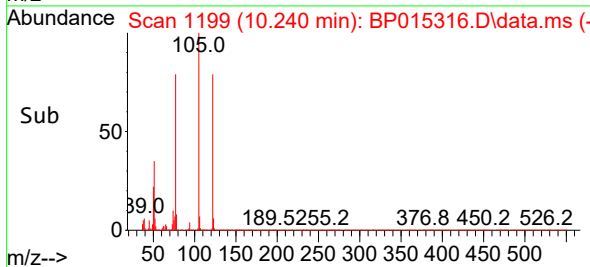
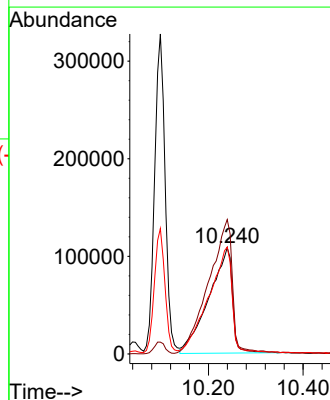
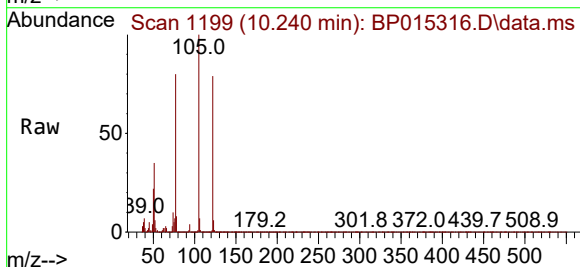
Tgt Ion:122 Resp: 370514

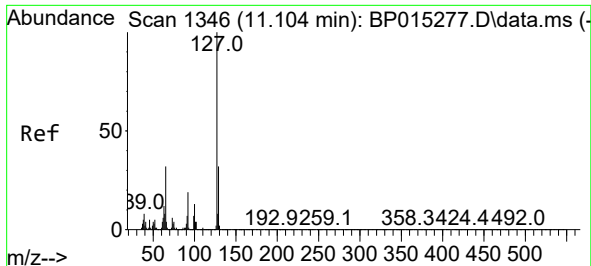
Ion Ratio Lower Upper

122 100

105 126.4 109.5 149.5

77 100.5 78.2 118.2

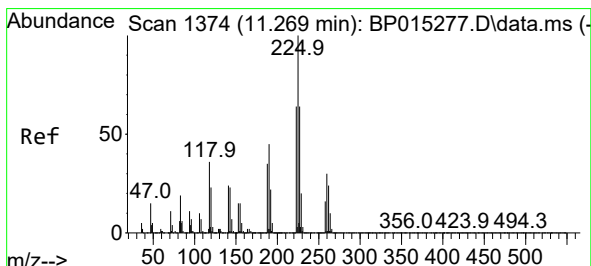
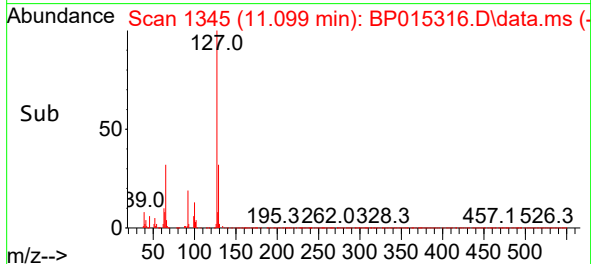
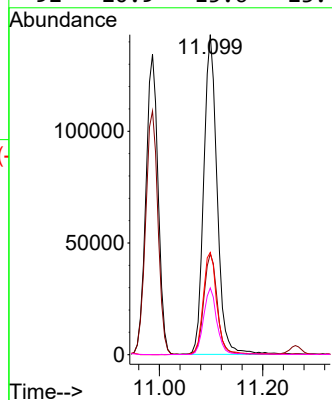
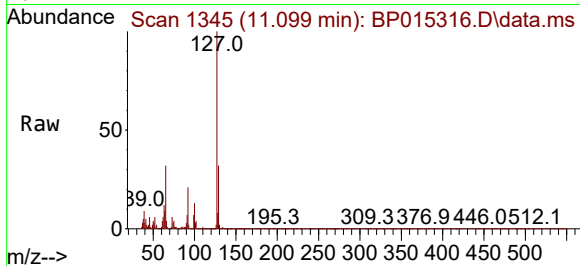




#33
4-Chloroaniline
Concen: 17.240 ng
RT: 11.099 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

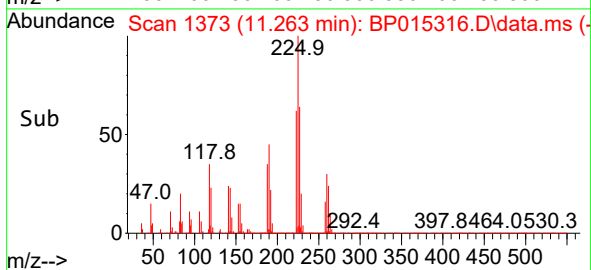
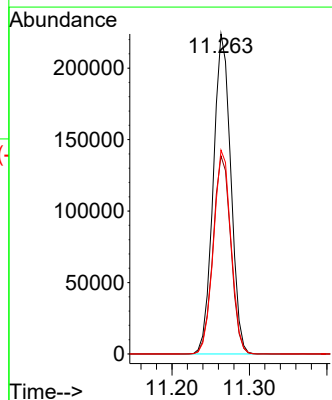
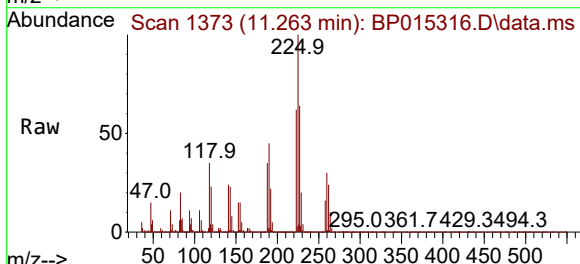
Instrument :
BNA_P
ClientSampleId :
SB17BMS

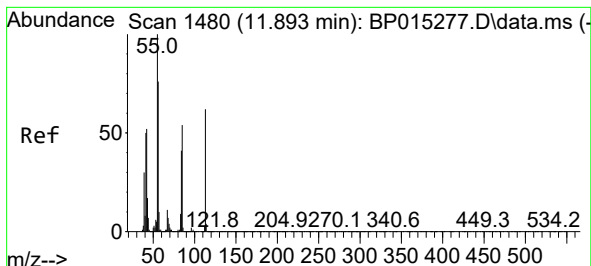
Tgt Ion:	127	Resp:	257382
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.5	38.3
65	32.0	25.3	37.9
92	20.9	15.6	23.4



#34
Hexachlorobutadiene
Concen: 46.788 ng
RT: 11.263 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion:	225	Resp:	352794
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.4
227	63.7	51.4	77.2

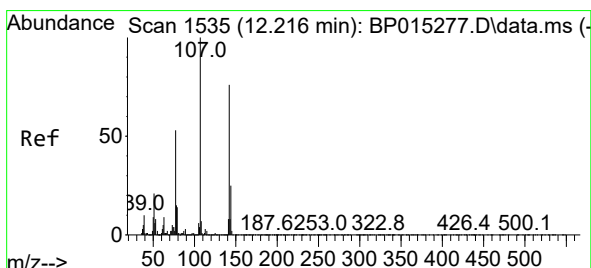
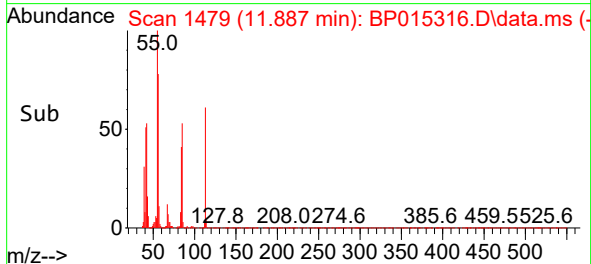
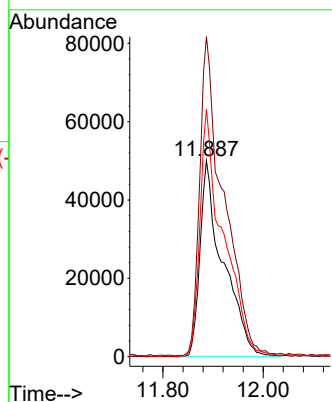
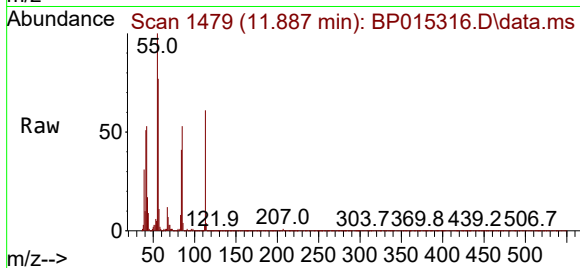




#35
Caprolactam
Concen: 48.501 ng
RT: 11.887 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

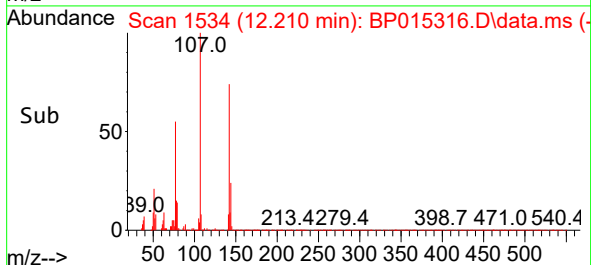
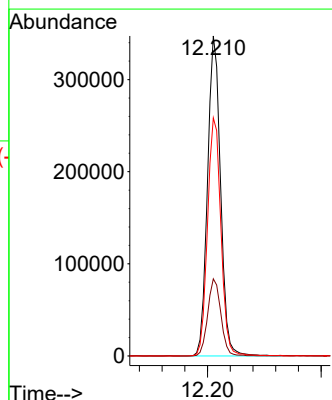
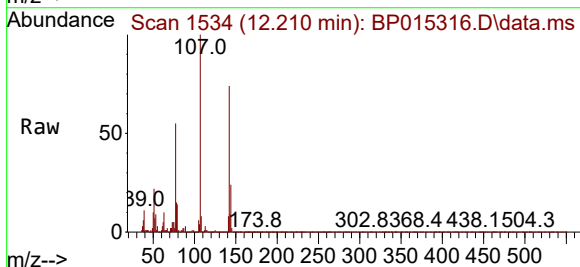
Instrument :
BNA_P
ClientSampleId :
SB17BMS

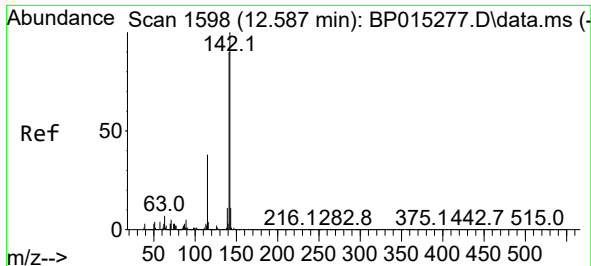
Tgt Ion:113 Resp: 158862
Ion Ratio Lower Upper
113 100
55 163.3 141.4 181.4
56 126.4 102.5 142.5



#36
4-Chloro-3-methylphenol
Concen: 47.466 ng
RT: 12.210 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion:107 Resp: 550604
Ion Ratio Lower Upper
107 100
144 24.1 19.8 29.6
142 74.4 61.0 91.4

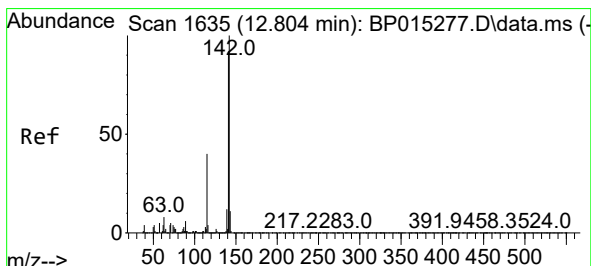
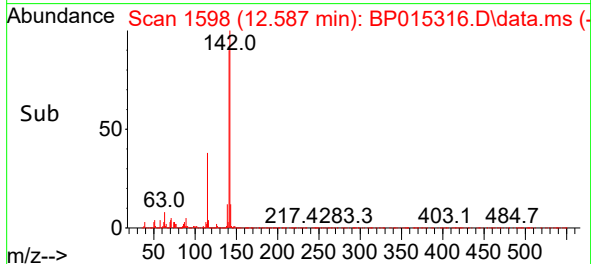
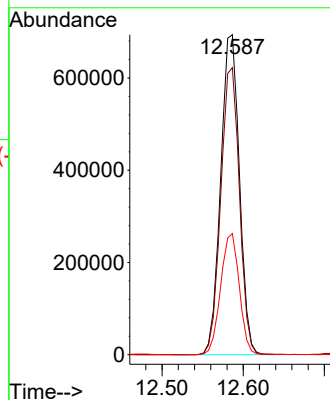
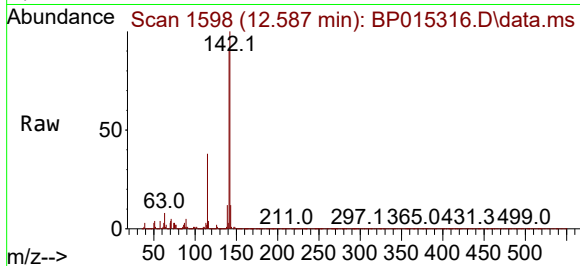




#37
2-Methylnaphthalene
Concen: 43.441 ng
RT: 12.587 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

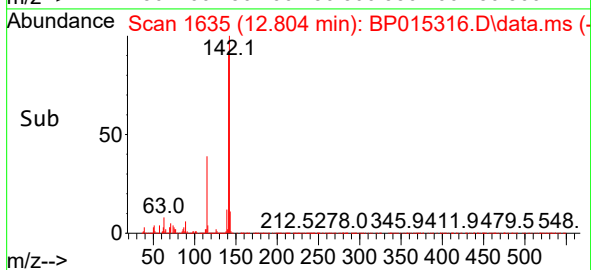
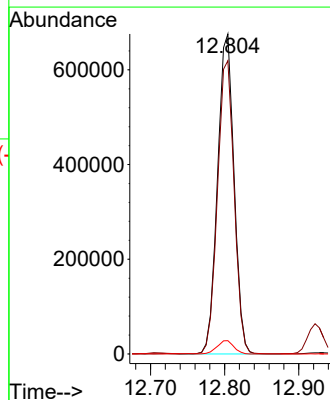
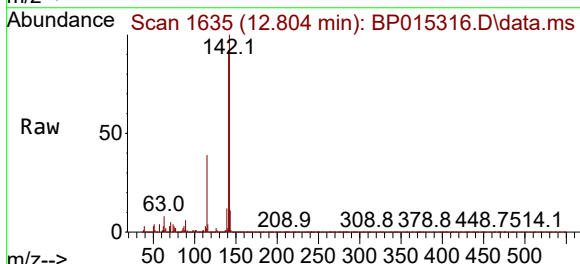
Instrument :
BNA_P
ClientSampleId :
SB17BMS

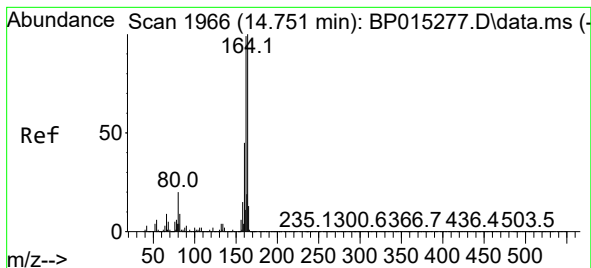
Tgt Ion:142 Resp: 1114932
Ion Ratio Lower Upper
142 100
141 89.7 72.0 108.0
115 37.8 30.6 46.0



#38
1-Methylnaphthalene
Concen: 43.649 ng
RT: 12.804 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion:142 Resp: 1045231
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.6
116 4.2 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.745 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

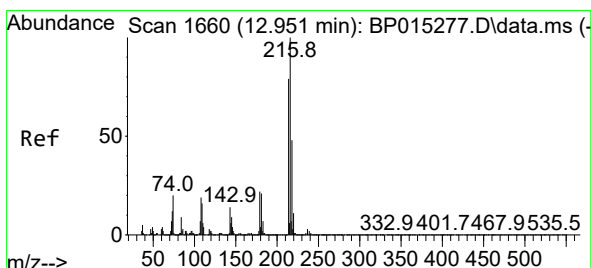
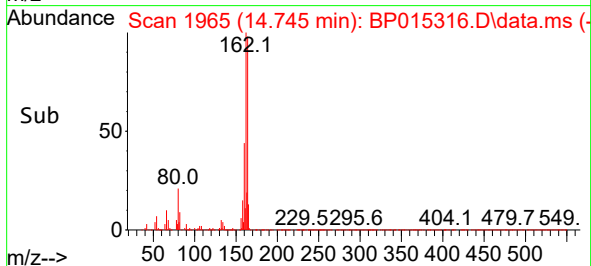
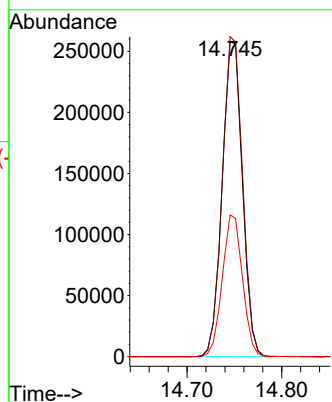
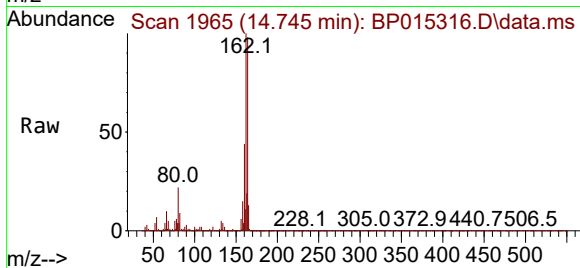
Tgt Ion:164 Resp: 382163

Ion Ratio Lower Upper

164 100

162 101.6 79.4 119.2

160 45.0 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.039 ng

RT: 12.951 min Scan# 1660

Delta R.T. 0.000 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Tgt Ion:216 Resp: 602394

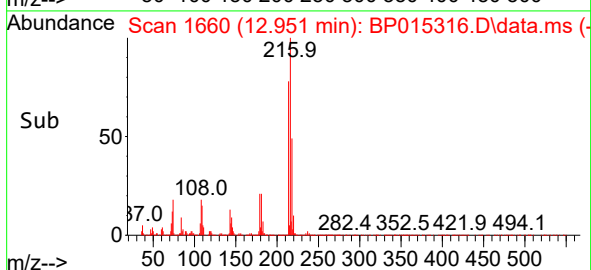
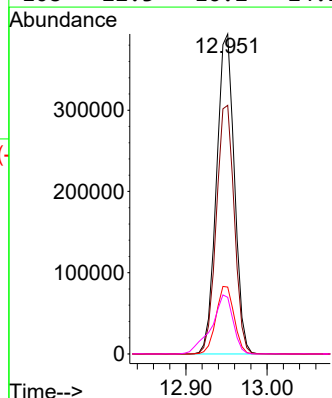
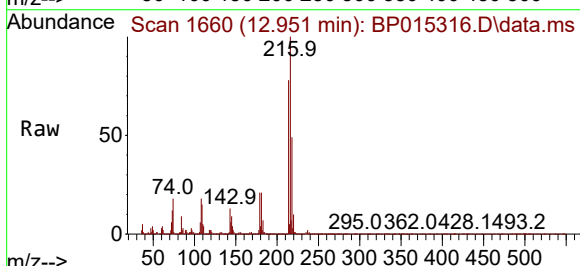
Ion Ratio Lower Upper

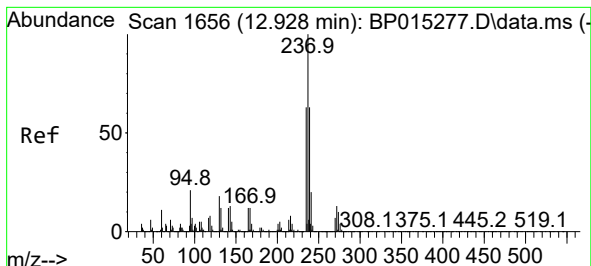
216 100

214 78.0 63.0 94.4

179 21.3 17.3 25.9

108 22.3 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 114.998 ng

RT: 12.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

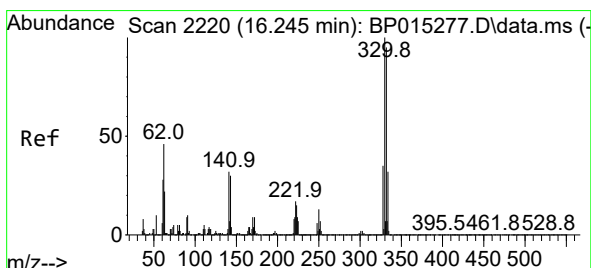
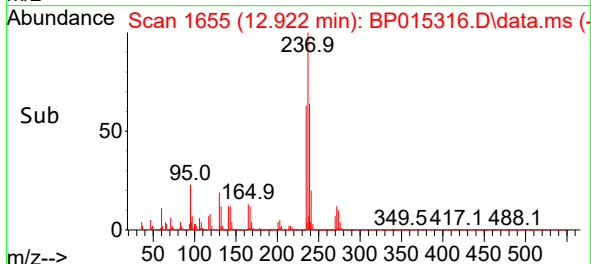
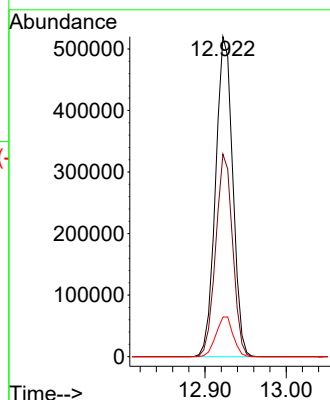
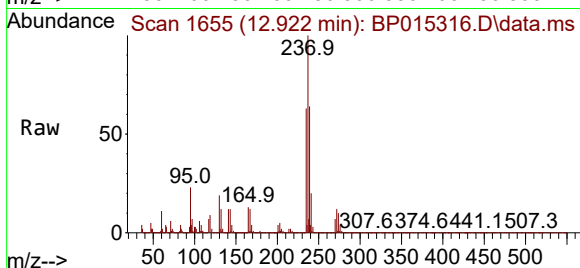
Tgt Ion:237 Resp: 763803

Ion Ratio Lower Upper

237 100

235 63.3 43.2 83.2

272 12.4 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 104.099 ng

RT: 16.239 min Scan# 2219

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

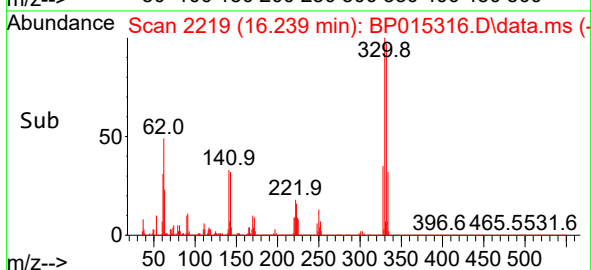
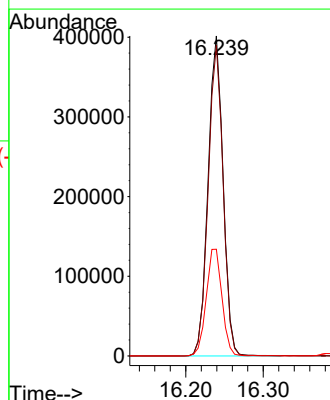
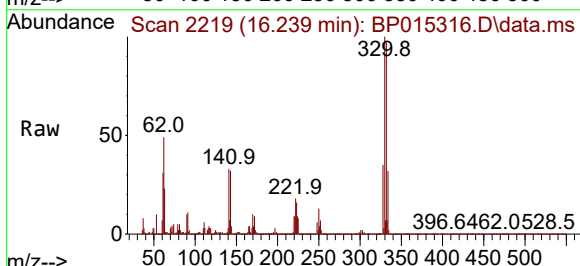
Tgt Ion:330 Resp: 540624

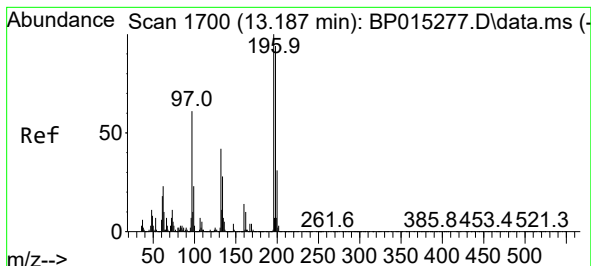
Ion Ratio Lower Upper

330 100

332 96.6 76.3 114.5

141 35.0 27.8 41.8





#43

2,4,6-Trichlorophenol

Concen: 49.191 ng

RT: 13.187 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

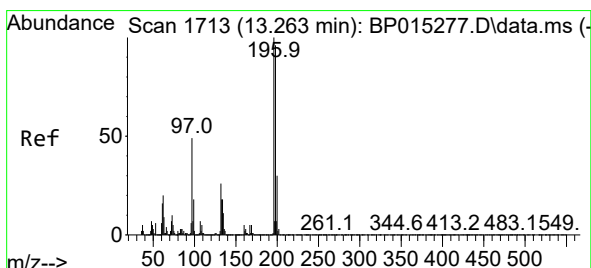
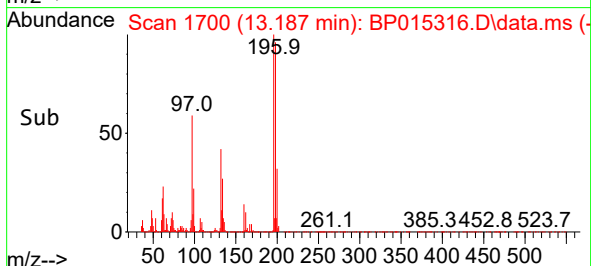
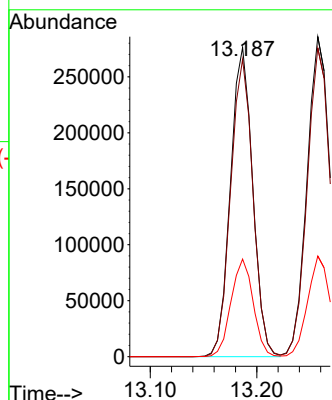
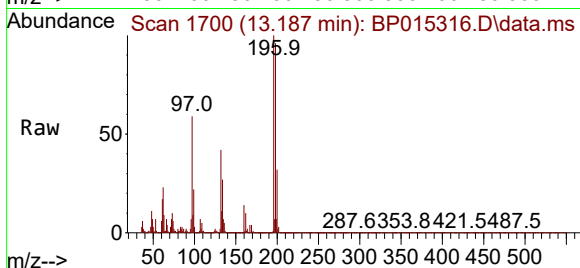
Tgt Ion:196 Resp: 400389

Ion Ratio Lower Upper

196 100

198 96.2 75.0 112.4

200 31.6 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 45.649 ng

RT: 13.257 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Tgt Ion:196 Resp: 436799

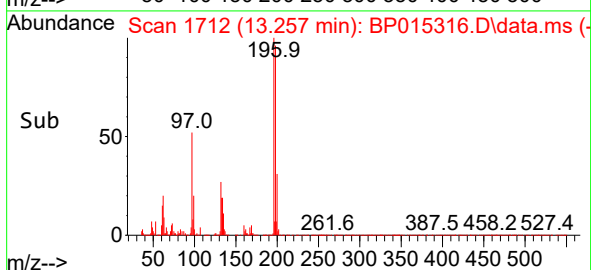
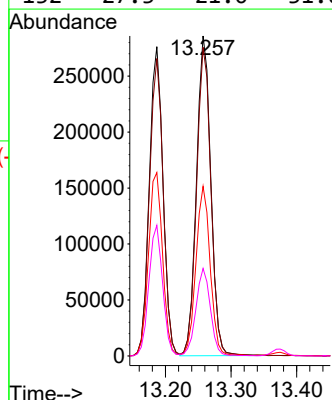
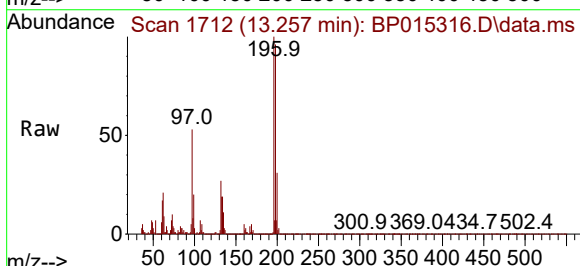
Ion Ratio Lower Upper

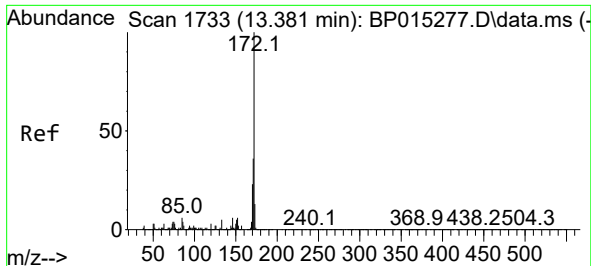
196 100

198 96.5 76.8 115.2

97 53.0 39.3 58.9

132 27.3 21.0 31.6

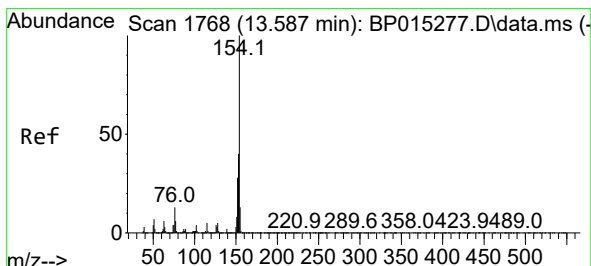
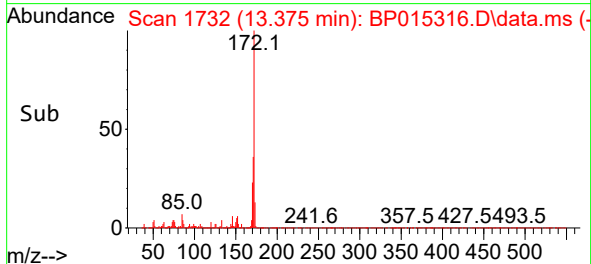
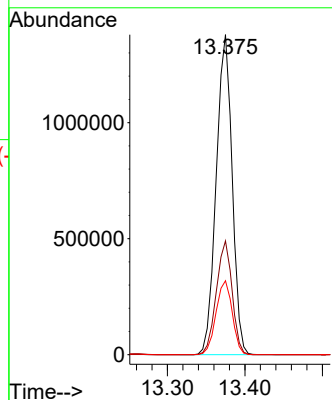
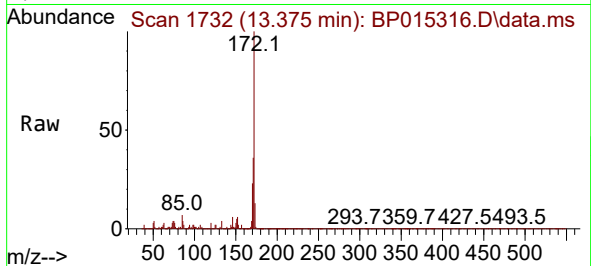




#45
2-Fluorobiphenyl
Concen: 69.155 ng
RT: 13.375 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

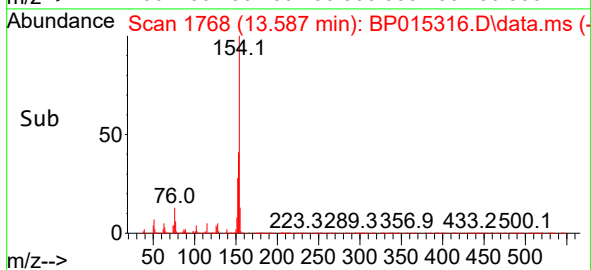
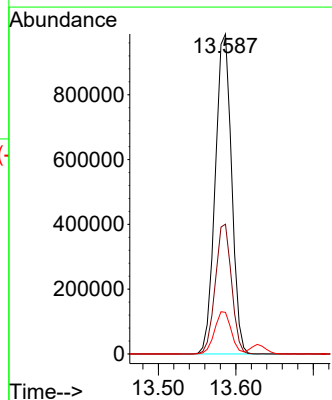
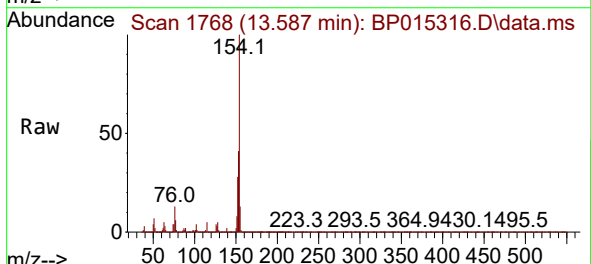
Instrument :
BNA_P
ClientSampleId :
SB17BMS

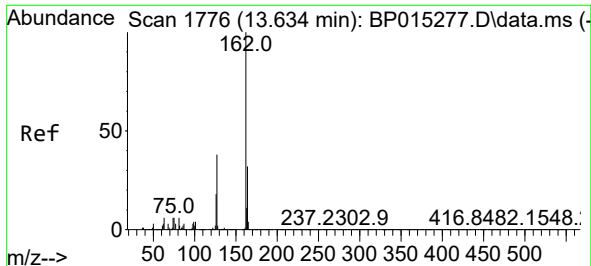
Tgt Ion:172 Resp: 1968516
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.1 18.7 28.1



#46
1,1'-Biphenyl
Concen: 47.795 ng
RT: 13.587 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion:154 Resp: 1447222
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 13.0 0.0 33.1

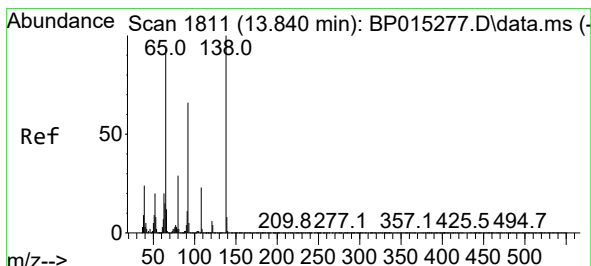
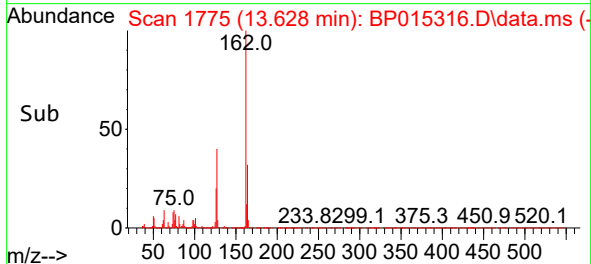
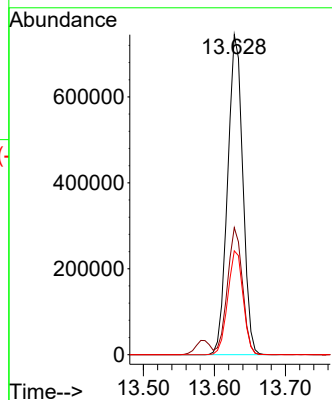
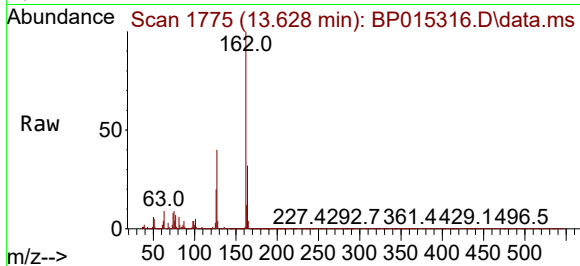




#47
2-Chloronaphthalene
Concen: 48.301 ng
RT: 13.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

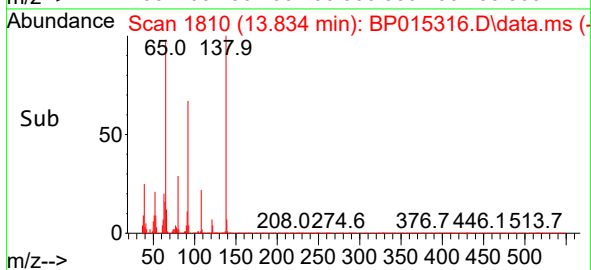
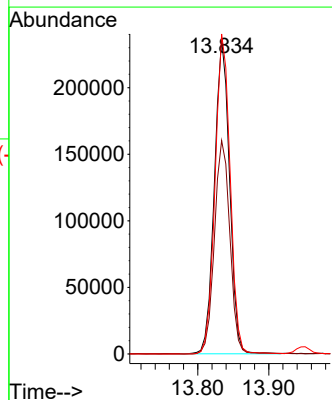
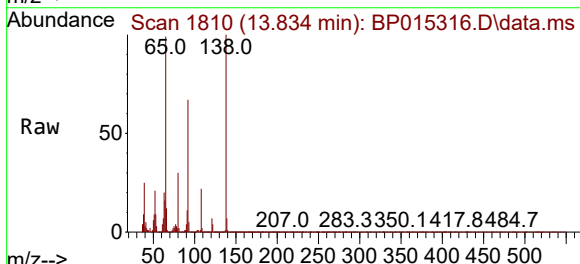
Instrument :
BNA_P
ClientSampleId :
SB17BMS

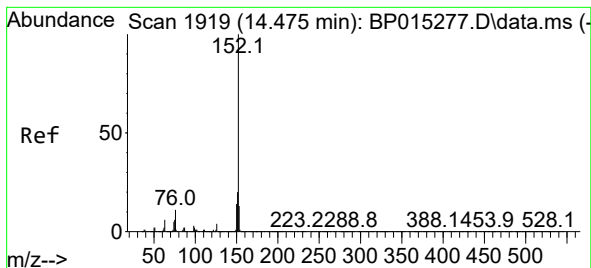
Tgt Ion:162 Resp: 1103284
Ion Ratio Lower Upper
162 100
127 39.7 31.7 47.5
164 32.5 25.8 38.8



#48
2-Nitroaniline
Concen: 49.872 ng
RT: 13.834 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion: 65 Resp: 347993
Ion Ratio Lower Upper
65 100
92 67.7 56.5 84.7
138 101.5 85.7 128.5





#49

Acenaphthylene

Concen: 47.271 ng

RT: 14.475 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

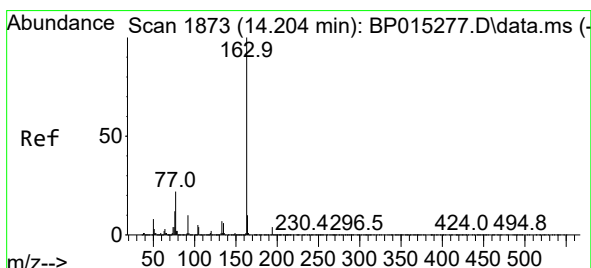
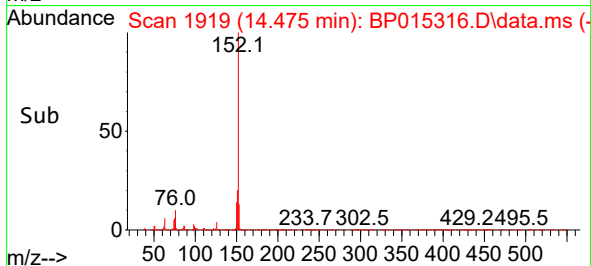
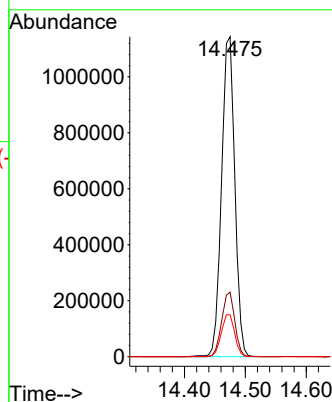
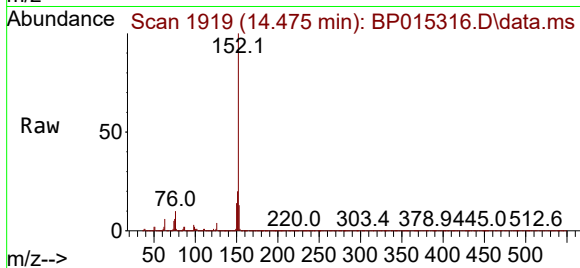
Tgt Ion:152 Resp: 1727688

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 46.356 ng

RT: 14.204 min Scan# 1873

Delta R.T. 0.000 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

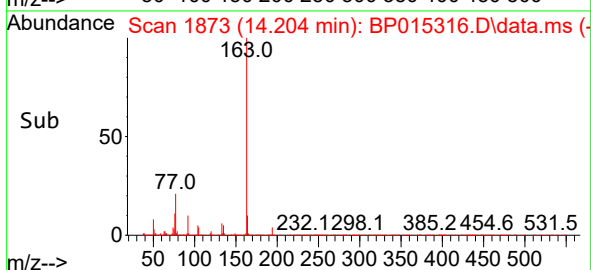
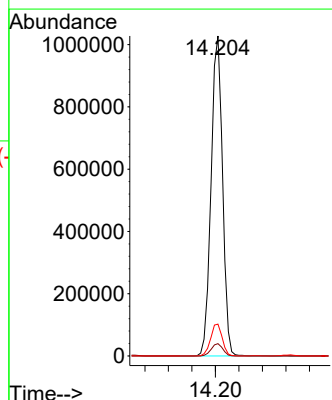
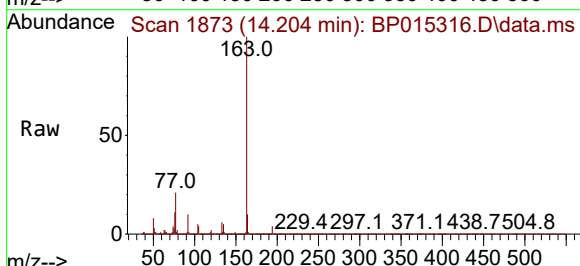
Tgt Ion:163 Resp: 1385962

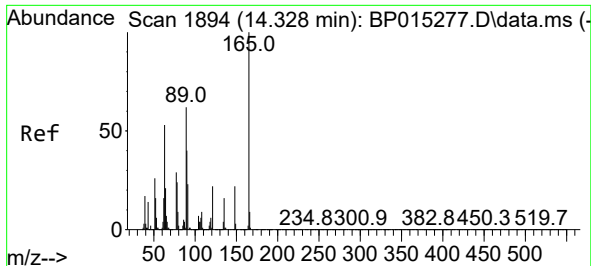
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.0 8.2 12.4

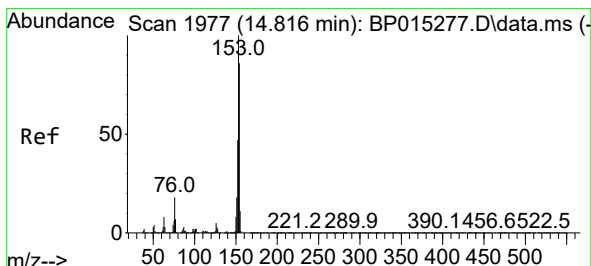
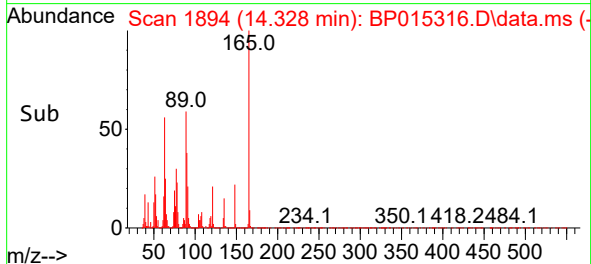
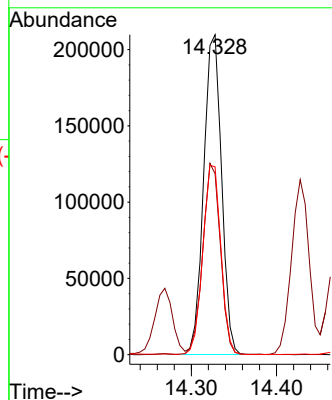
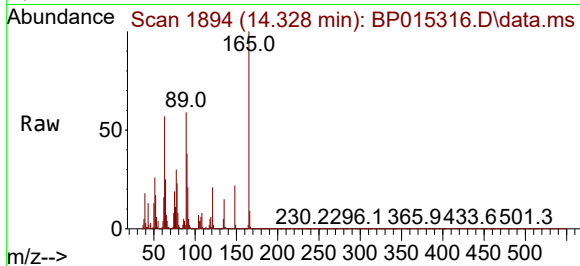




#51
2,6-Dinitrotoluene
Concen: 48.471 ng
RT: 14.328 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

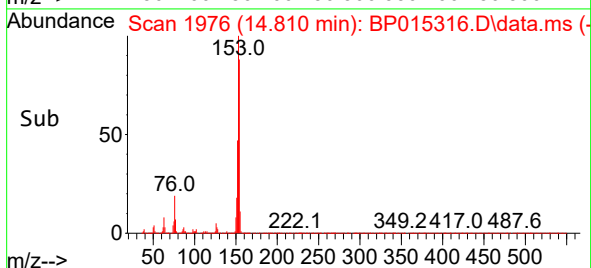
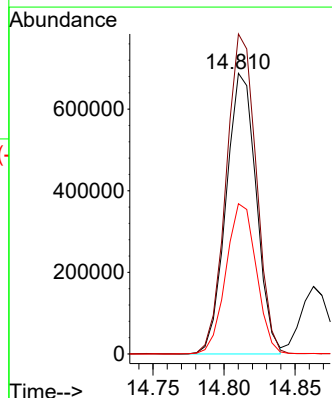
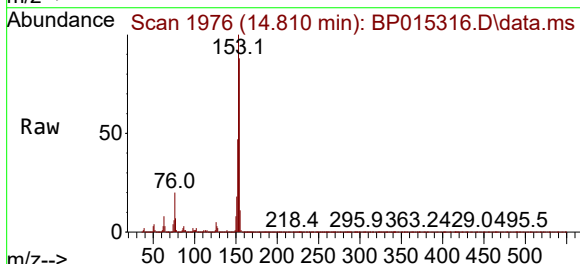
Instrument :
BNA_P
ClientSampleId :
SB17BMS

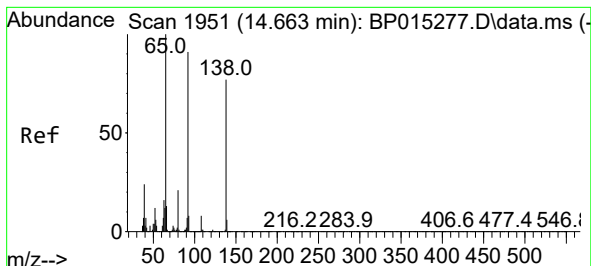
Tgt Ion:165 Resp: 305970
Ion Ratio Lower Upper
165 100
63 56.6 46.6 70.0
89 58.7 49.7 74.5



#52
Acenaphthene
Concen: 46.771 ng
RT: 14.810 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion:154 Resp: 1018148
Ion Ratio Lower Upper
154 100
153 114.0 92.8 139.2
152 53.6 44.0 66.0

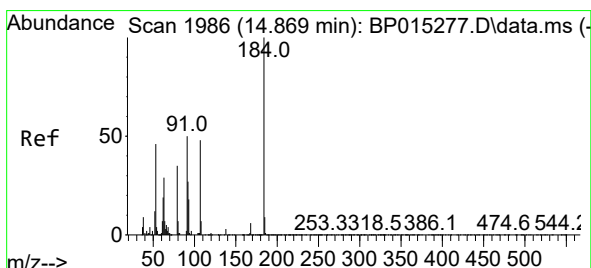
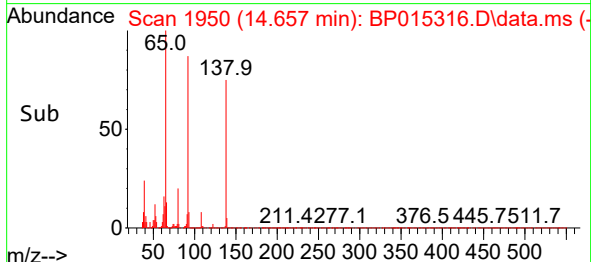
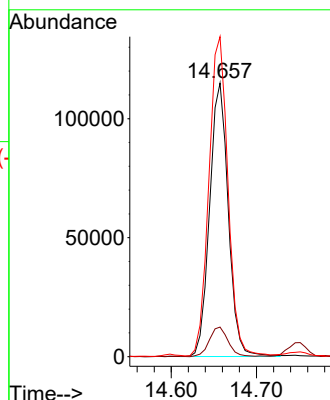
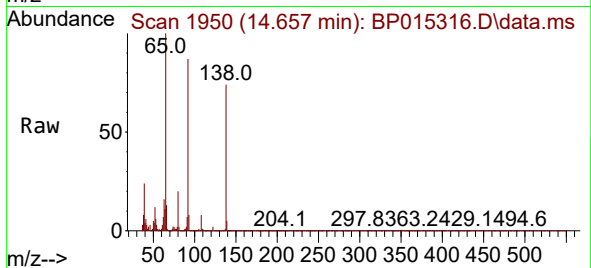




#53
3-Nitroaniline
Concen: 27.091 ng
RT: 14.657 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

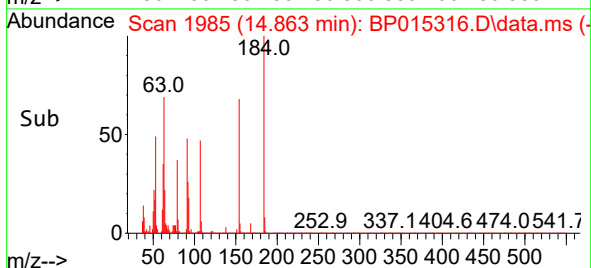
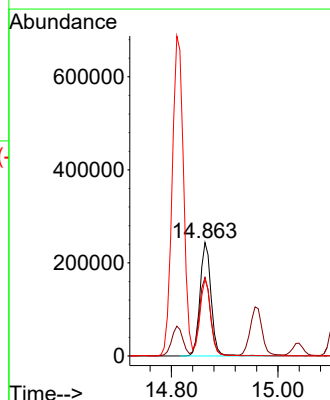
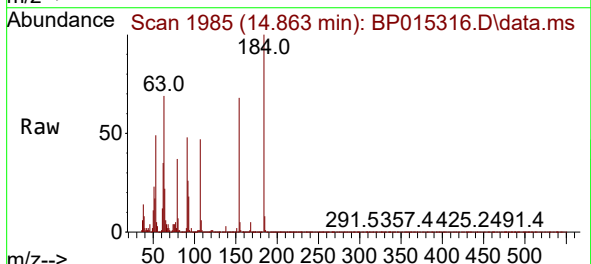
Instrument :
BNA_P
ClientSampleId :
SB17BMS

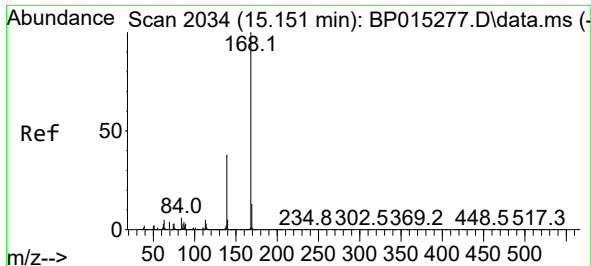
Tgt Ion:138 Resp: 174783
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 117.0 94.0 141.0



#54
2,4-Dinitrophenol
Concen: 83.028 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion:184 Resp: 353580
Ion Ratio Lower Upper
184 100
63 69.3 56.2 84.4
154 67.9 53.2 79.8

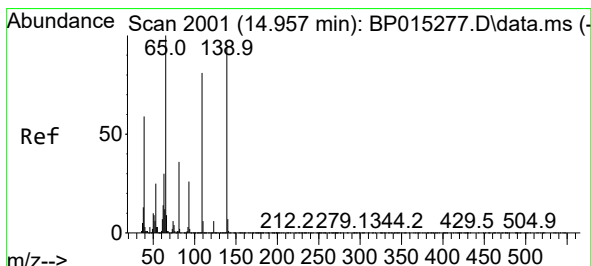
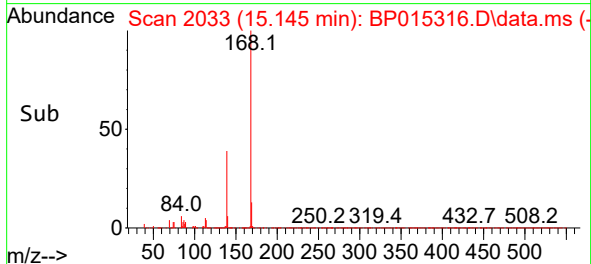
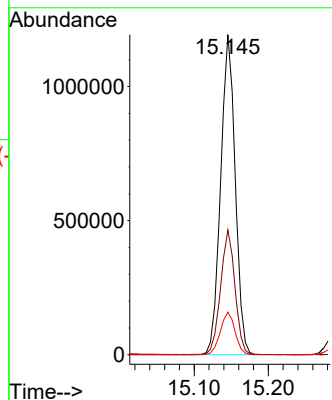
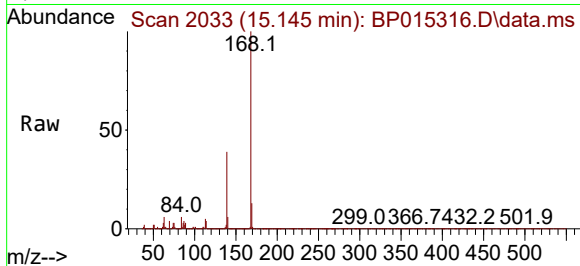




#55
Dibenzenofuran
Concen: 45.749 ng
RT: 15.145 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

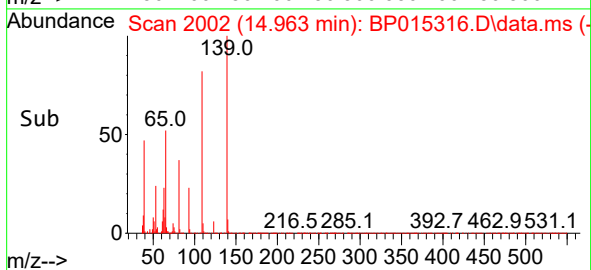
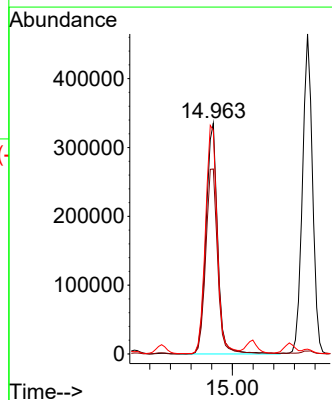
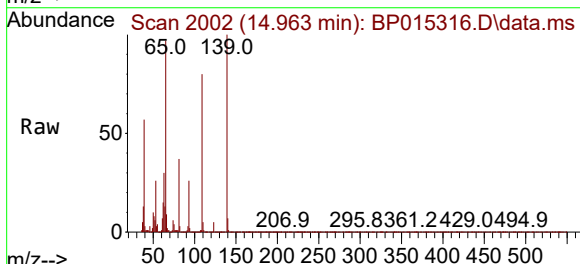
Instrument :
BNA_P
ClientSampleId :
SB17BMS

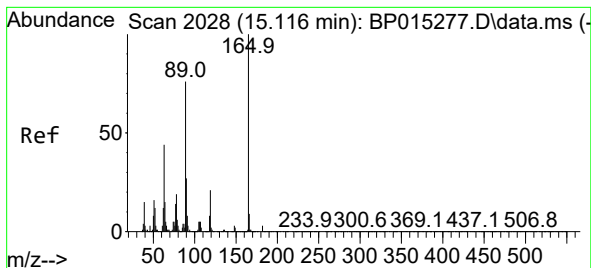
Tgt Ion:168 Resp: 1629126
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 91.469 ng
RT: 14.963 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion:139 Resp: 521381
Ion Ratio Lower Upper
139 100
109 80.2 66.5 106.5
65 96.9 86.6 126.6





#57

2,4-Dinitrotoluene

Concen: 49.292 ng

RT: 15.110 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

Tgt Ion:165 Resp: 409121

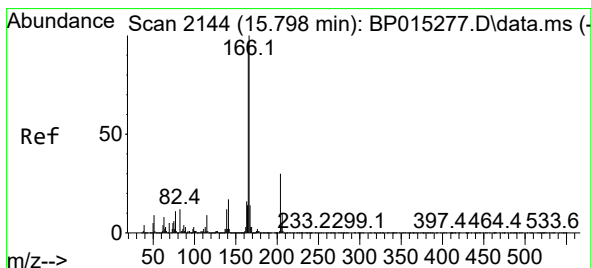
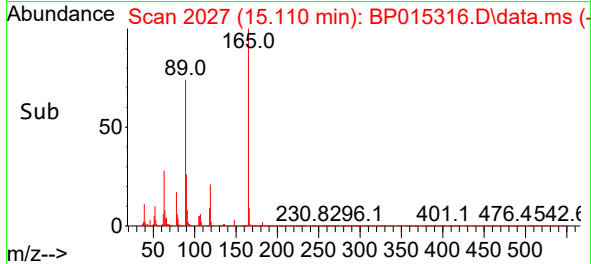
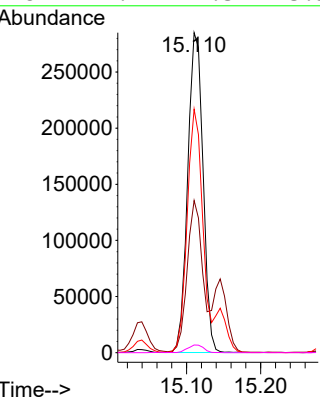
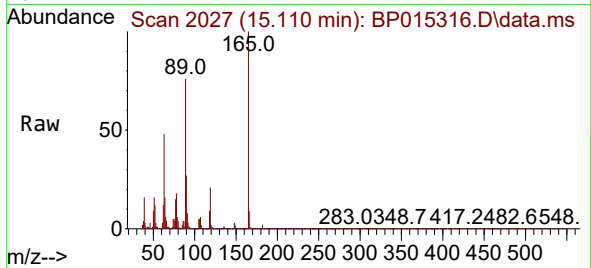
Ion Ratio Lower Upper

165 100

63 47.6 35.7 53.5

89 76.1 60.8 91.2

182 2.4 2.3 3.5



#58

Fluorene

Concen: 46.031 ng

RT: 15.798 min Scan# 2144

Delta R.T. 0.000 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

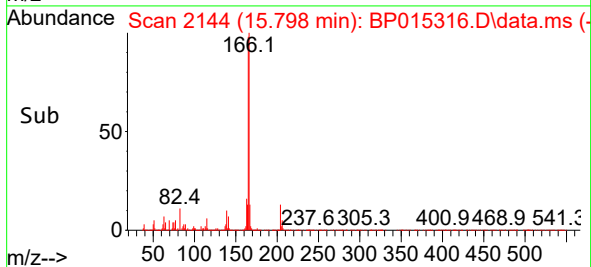
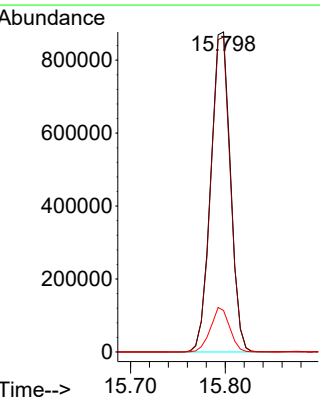
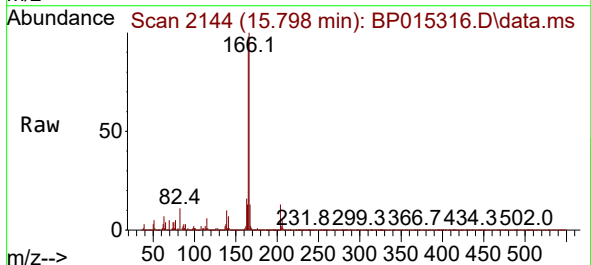
Tgt Ion:166 Resp: 1266026

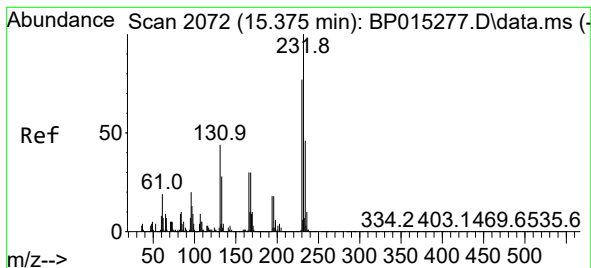
Ion Ratio Lower Upper

166 100

165 98.4 77.5 116.3

167 12.9 10.9 16.3

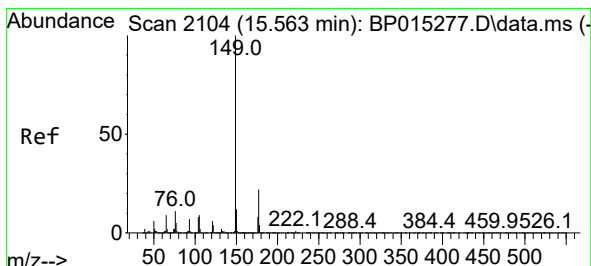
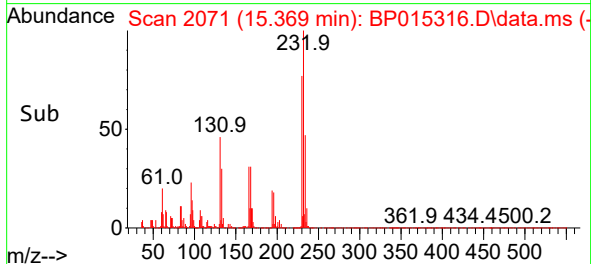
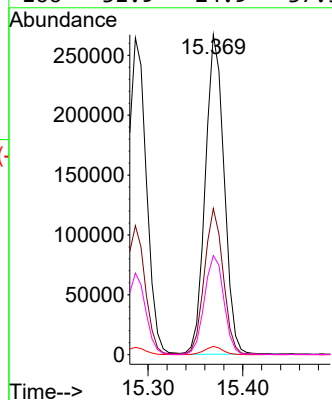
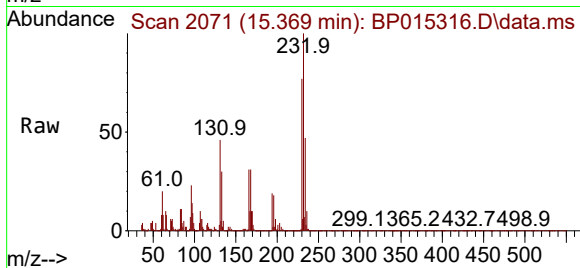




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.074 ng
RT: 15.369 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

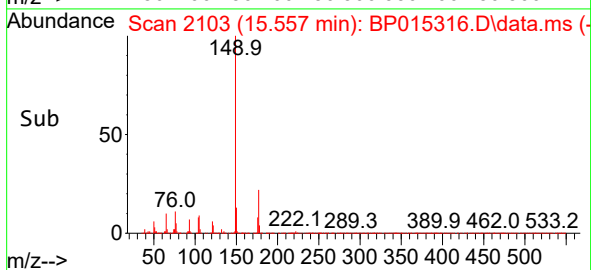
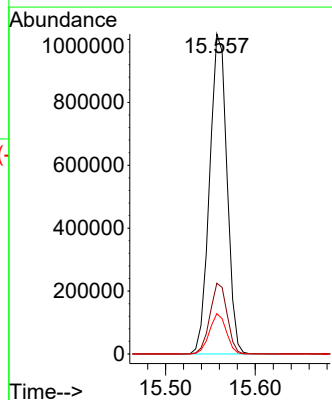
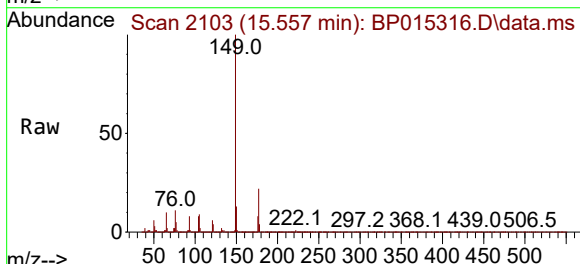
Instrument :
BNA_P
ClientSampleId :
SB17BMS

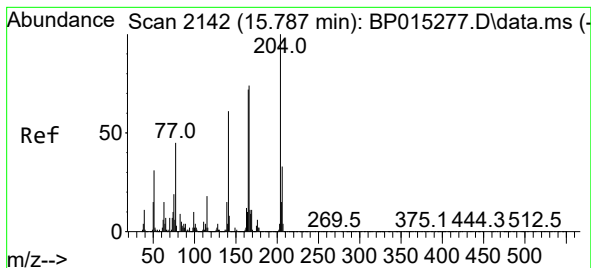
Tgt Ion:232 Resp: 367898
Ion Ratio Lower Upper
232 100
131 45.9 36.2 54.2
130 2.5 2.0 3.0
166 31.9 24.9 37.3



#60
Diethylphthalate
Concen: 45.859 ng
RT: 15.557 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion:149 Resp: 1365864
Ion Ratio Lower Upper
149 100
177 22.1 17.7 26.5
150 12.6 10.0 15.0

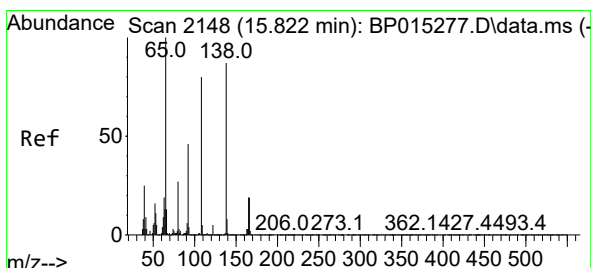
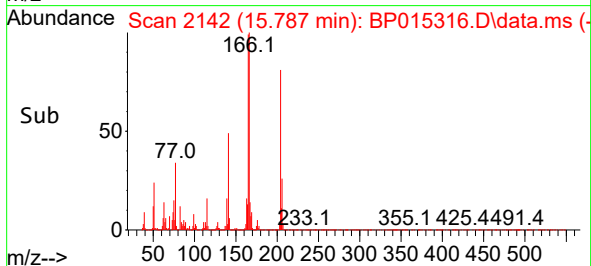
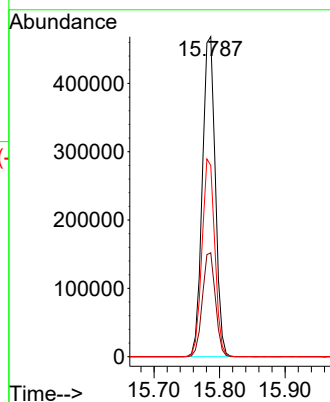
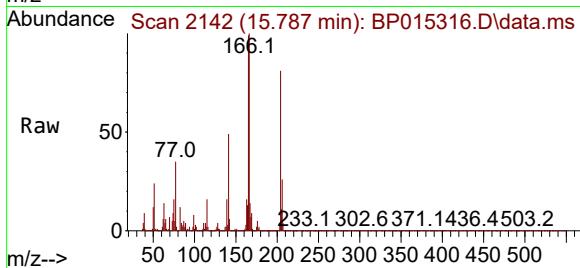




#61
4-Chlorophenyl-phenylether
Concen: 45.739 ng
RT: 15.787 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

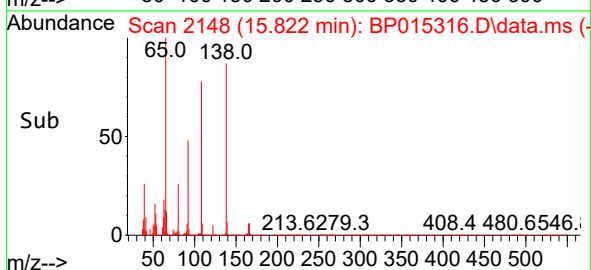
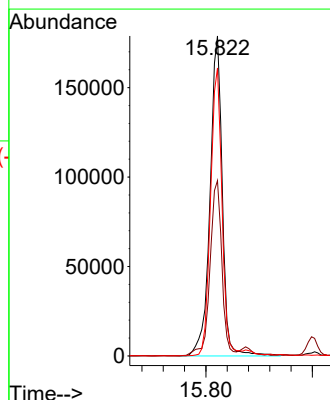
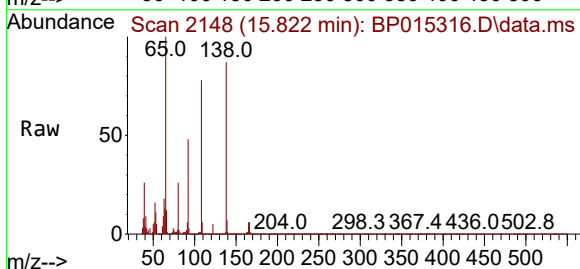
Instrument :
BNA_P
ClientSampleId :
SB17BMS

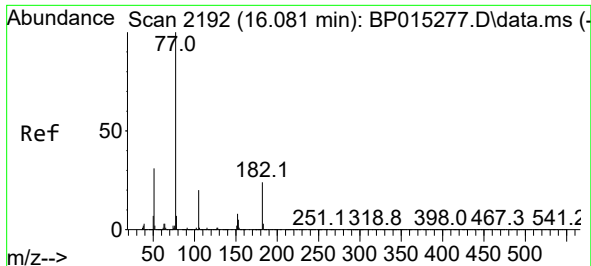
Tgt Ion:204 Resp: 644122
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 59.8 49.0 73.4



#62
4-Nitroaniline
Concen: 41.726 ng
RT: 15.822 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion:138 Resp: 287266
Ion Ratio Lower Upper
138 100
92 54.8 33.1 73.1
108 90.0 71.0 111.0

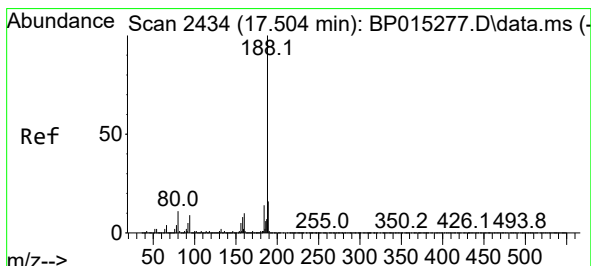
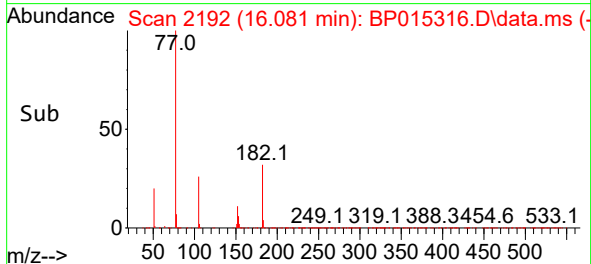
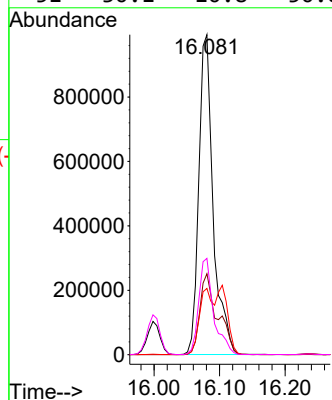
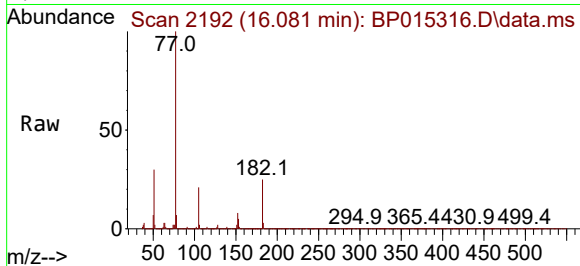




#63
Azobenzene
Concen: 53.456 ng
RT: 16.081 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

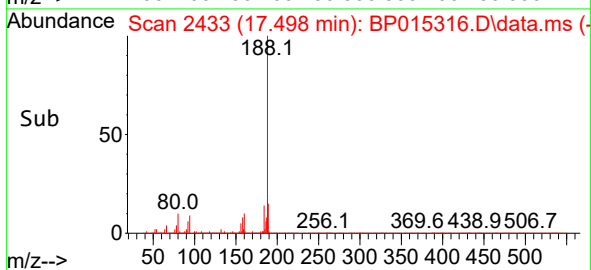
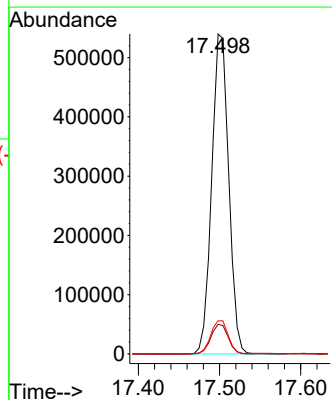
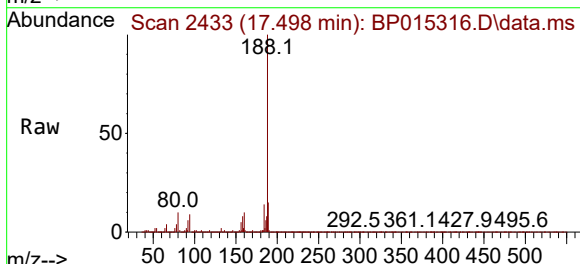
Instrument :
BNA_P
ClientSampleId :
SB17BMS

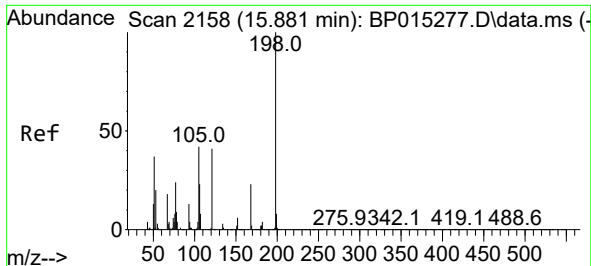
Tgt Ion: 77 Resp: 1518858
Ion Ratio Lower Upper
77 100
182 25.3 3.9 43.9
105 20.7 0.3 40.3
51 30.1 10.8 50.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion: 188 Resp: 784357
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.4 8.6 13.0

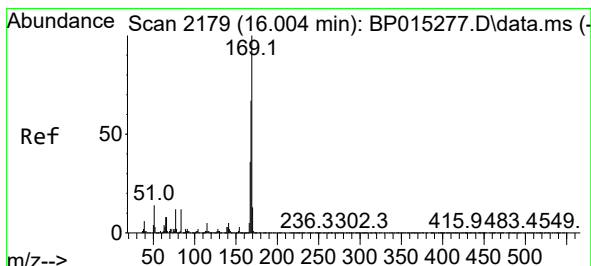
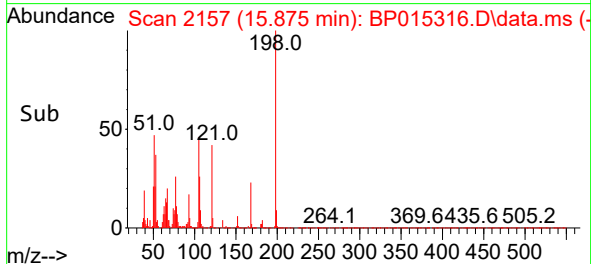
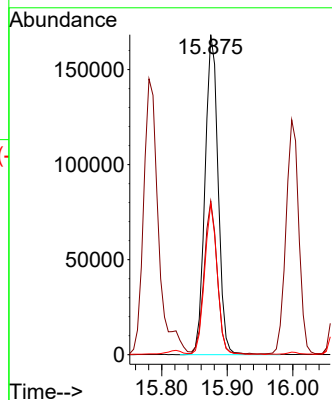
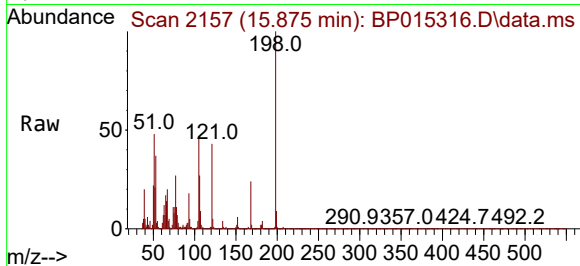




#65
4,6-Dinitro-2-methylphenol
Concen: 49.181 ng
RT: 15.875 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

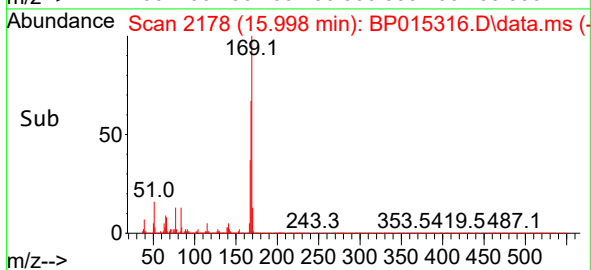
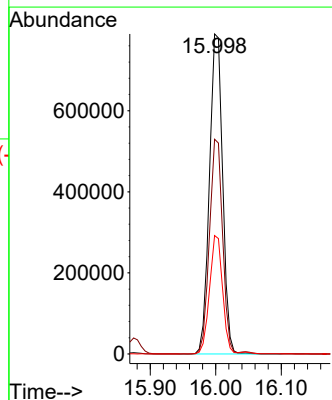
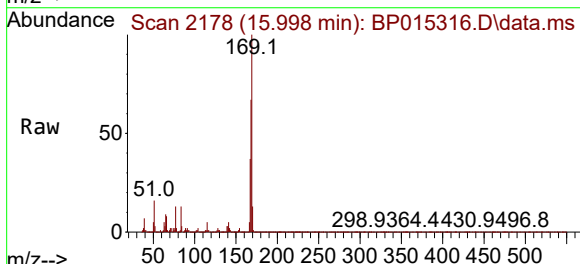
Instrument :
BNA_P
ClientSampleId :
SB17BMS

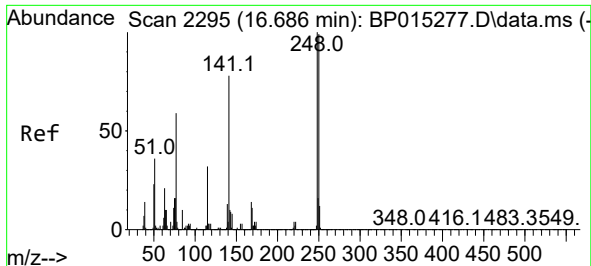
Tgt Ion:198 Resp: 234303
Ion Ratio Lower Upper
198 100
51 48.0 25.4 65.4
105 47.3 23.3 63.3



#66
n-Nitrosodiphenylamine
Concen: 47.397 ng
RT: 15.998 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion:169 Resp: 1107782
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.2
167 37.0 29.0 43.6

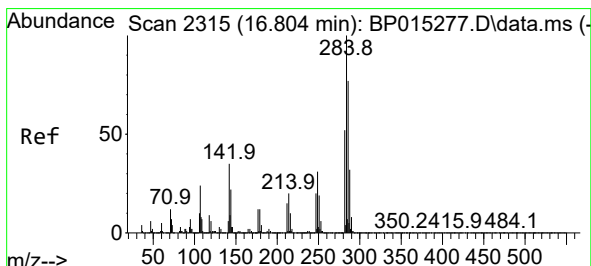
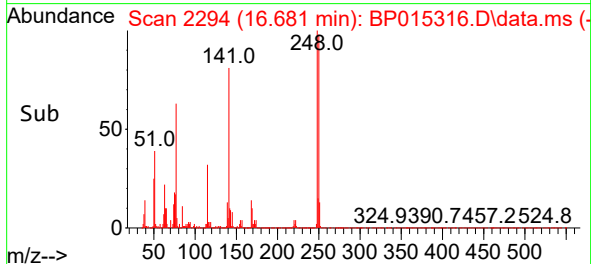
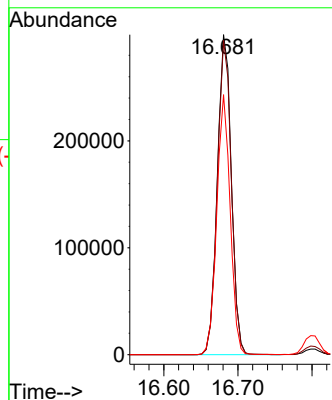
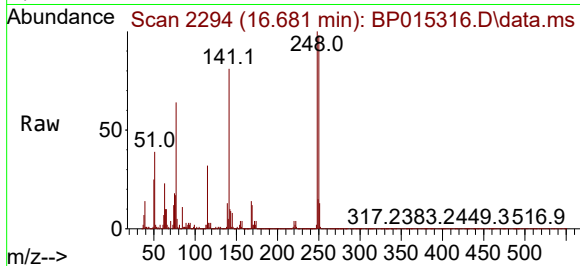




#67
4-Bromophenyl-phenylether
Concen: 46.369 ng
RT: 16.681 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

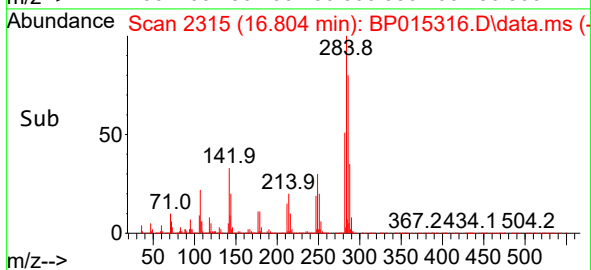
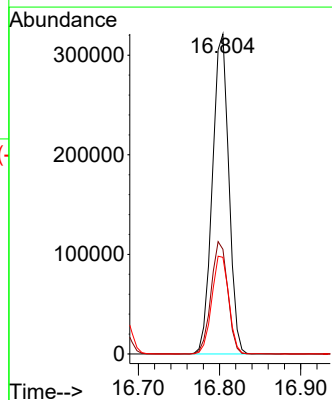
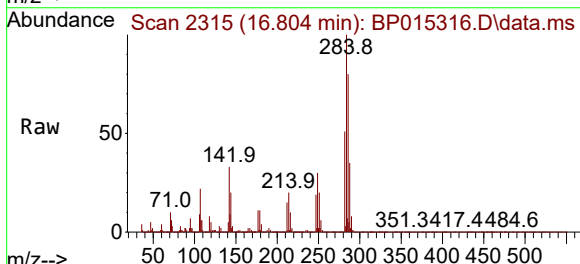
Instrument :
BNA_P
ClientSampleId :
SB17BMS

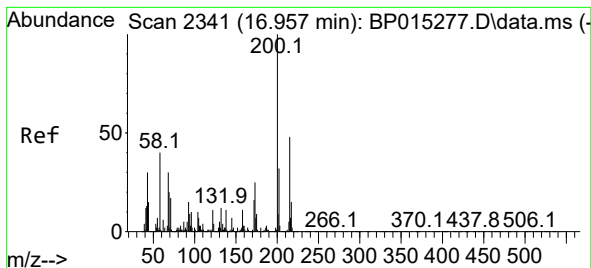
Tgt Ion:248 Resp: 393263
Ion Ratio Lower Upper
248 100
250 98.3 79.0 118.4
141 81.3 62.4 93.6



#68
Hexachlorobenzene
Concen: 48.282 ng
RT: 16.804 min Scan# 2315
Delta R.T. 0.000 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion:284 Resp: 450950
Ion Ratio Lower Upper
284 100
142 32.7 28.2 42.2
249 30.2 25.0 37.6





#69

Atrazine

Concen: 55.838 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

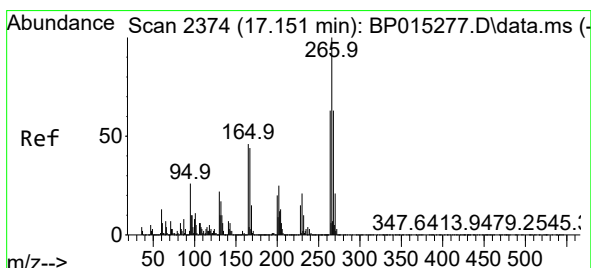
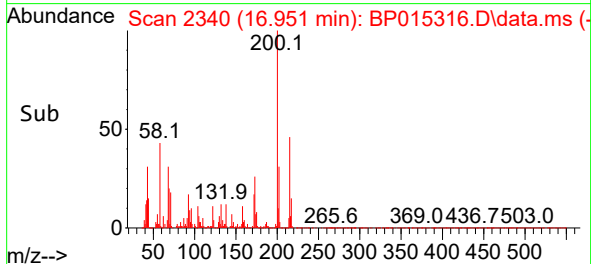
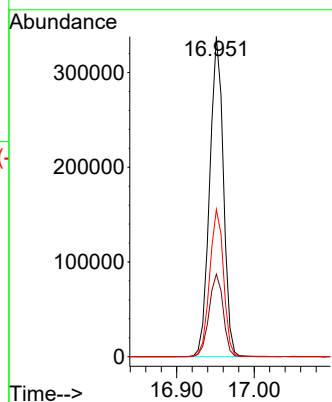
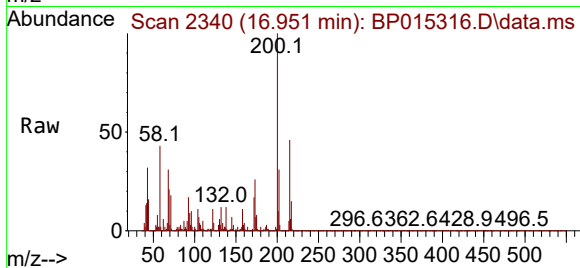
Tgt Ion:200 Resp: 416713

Ion Ratio Lower Upper

200 100

173 25.8 4.7 44.7

215 46.0 27.5 67.5



#70

Pentachlorophenol

Concen: 89.002 ng

RT: 17.145 min Scan# 2373

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

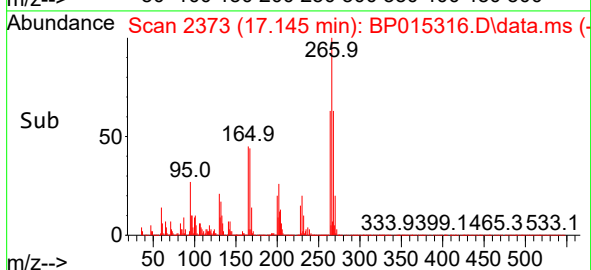
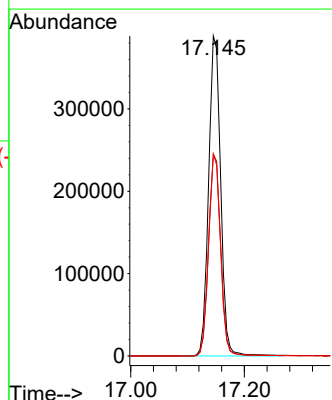
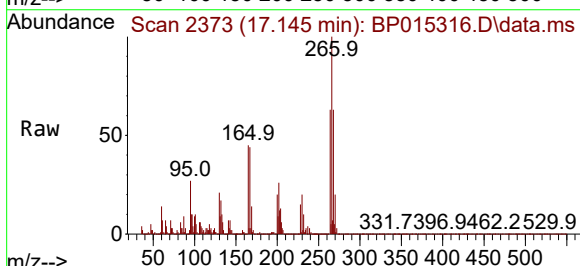
Tgt Ion:266 Resp: 569669

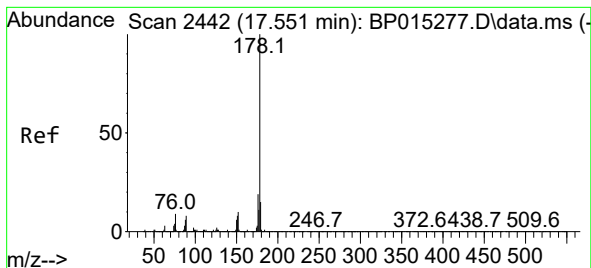
Ion Ratio Lower Upper

266 100

268 63.1 50.0 75.0

264 63.1 50.4 75.6





#71

Phenanthrene

Concen: 47.049 ng

RT: 17.545 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

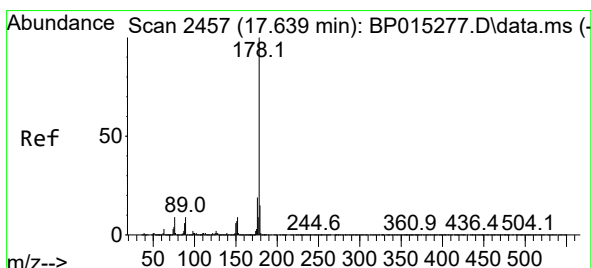
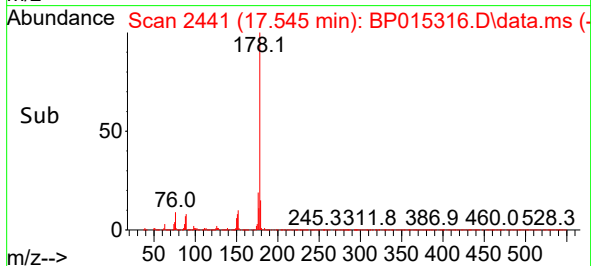
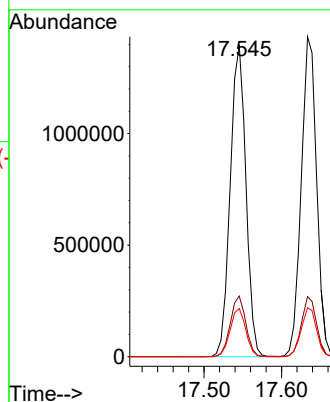
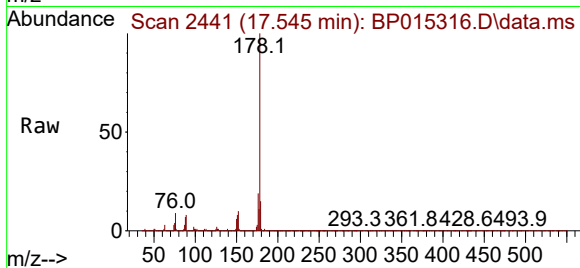
Tgt Ion:178 Resp: 1966843

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.5 12.3 18.5



#72

Anthracene

Concen: 47.394 ng

RT: 17.633 min Scan# 2456

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

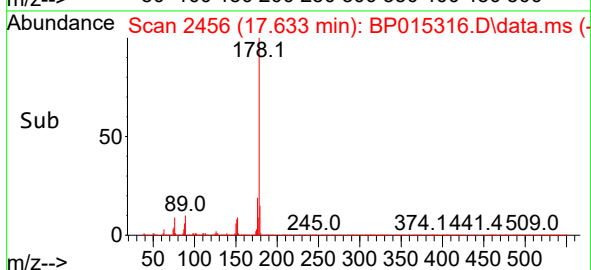
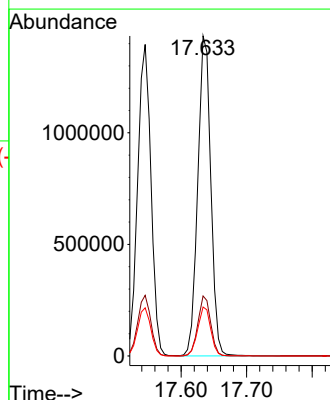
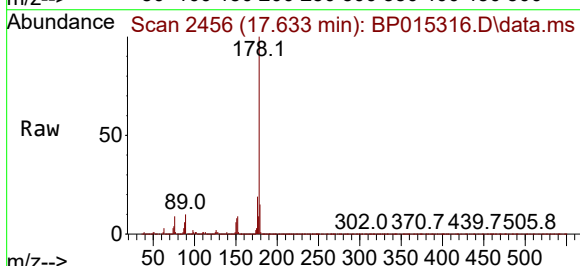
Tgt Ion:178 Resp: 1984263

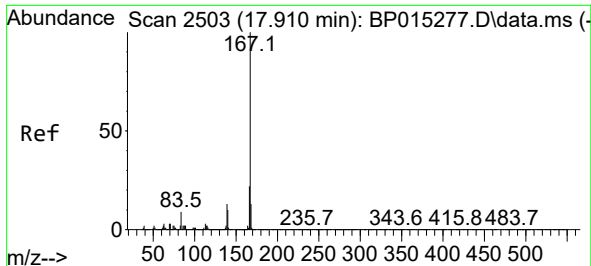
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.3 12.2 18.4

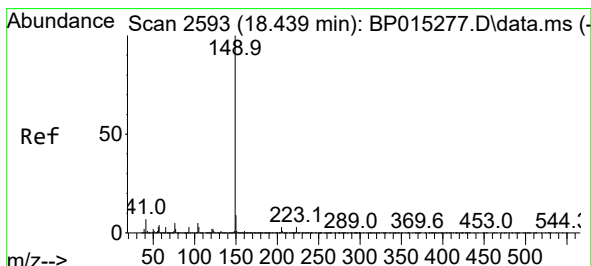
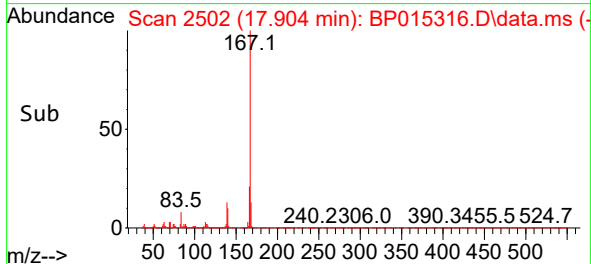
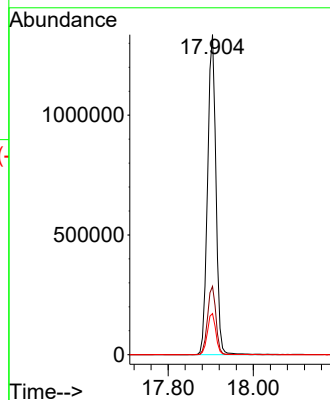
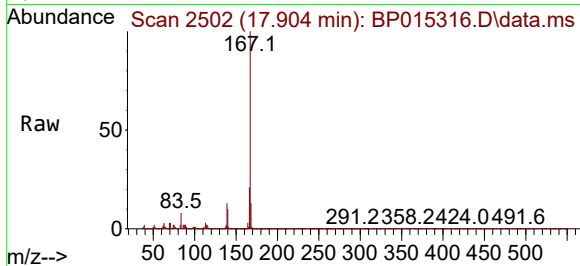




#73
 Carbazole
 Concen: 49.142 ng
 RT: 17.904 min Scan# 2502
 Delta R.T. -0.006 min
 Lab File: BP015316.D
 Acq: 26 May 2023 19:06

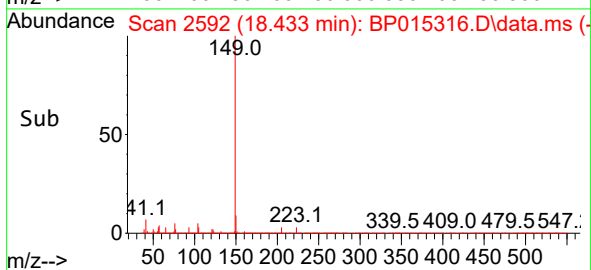
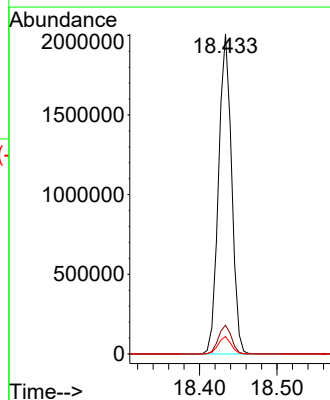
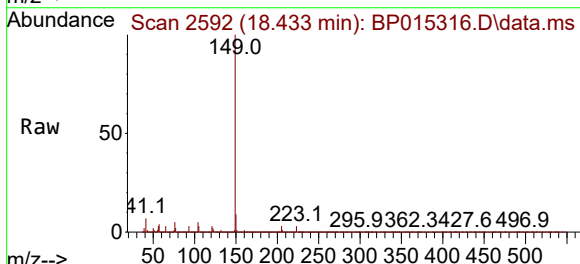
Instrument :
 BNA_P
 ClientSampleId :
 SB17BMS

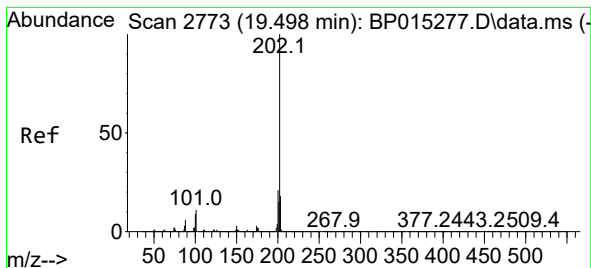
Tgt Ion:167 Resp: 1821853
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 12.8 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 49.278 ng
 RT: 18.433 min Scan# 2592
 Delta R.T. -0.006 min
 Lab File: BP015316.D
 Acq: 26 May 2023 19:06

Tgt Ion:149 Resp: 2346149
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.4 4.4 6.6





#75

Fluoranthene

Concen: 46.644 ng

RT: 19.498 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

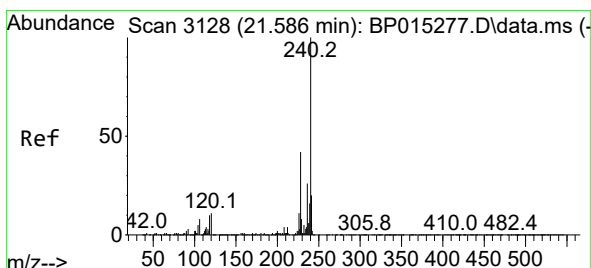
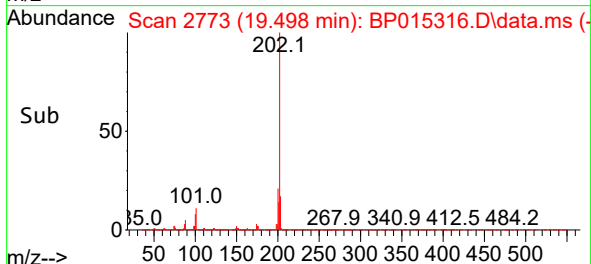
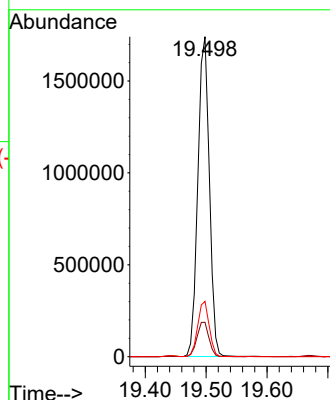
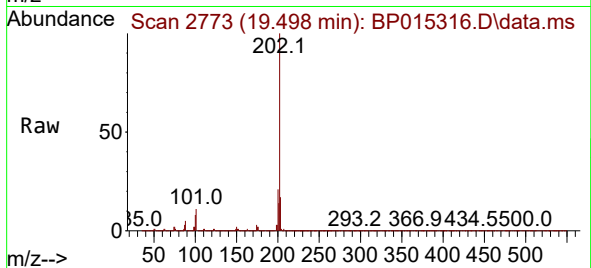
Tgt Ion:202 Resp: 2277890

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.4

203 17.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

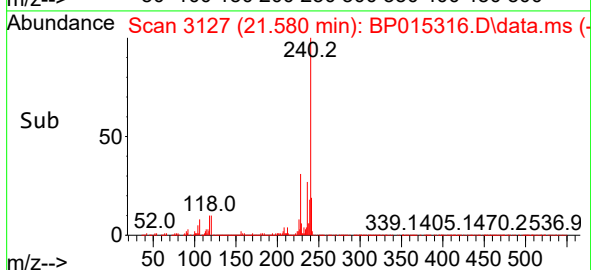
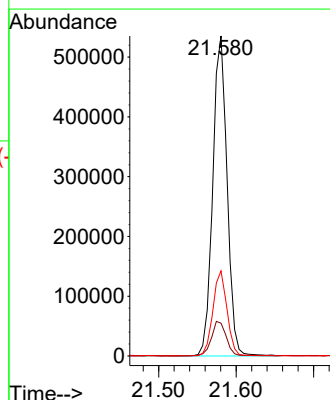
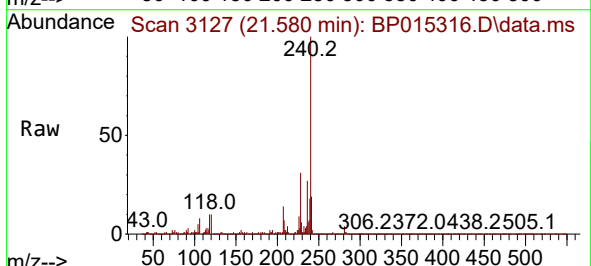
Tgt Ion:240 Resp: 688263

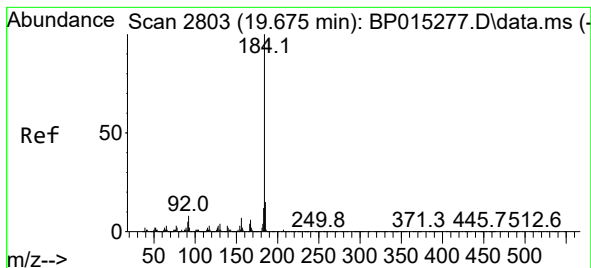
Ion Ratio Lower Upper

240 100

120 10.3 8.8 13.2

236 26.6 20.5 30.7





#77

Benzidine

Concen: 116.374 ng

RT: 19.669 min Scan# 2802

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

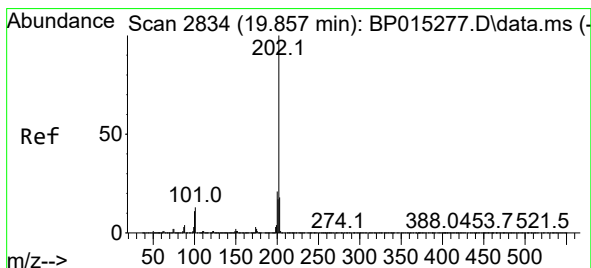
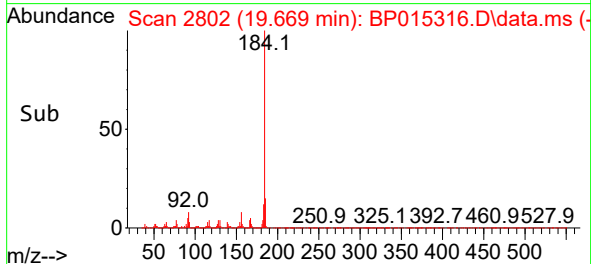
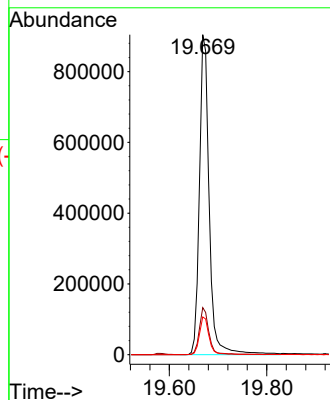
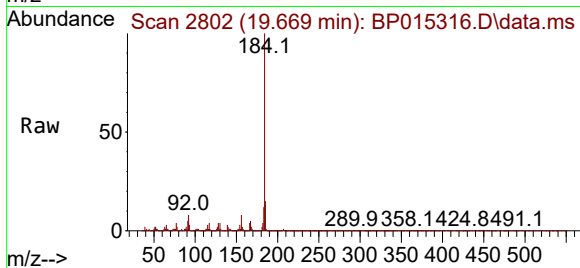
Tgt Ion:184 Resp: 1268341

Ion Ratio Lower Upper

184 100

185 14.7 11.6 17.4

183 11.8 9.4 14.0



#78

Pyrene

Concen: 47.774 ng

RT: 19.845 min Scan# 2832

Delta R.T. -0.012 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

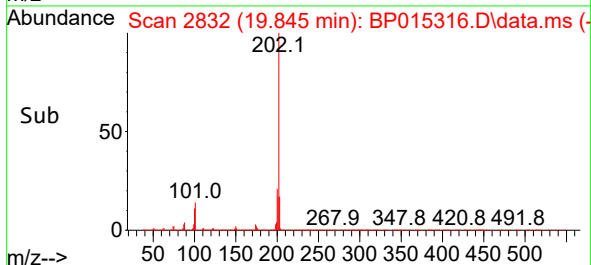
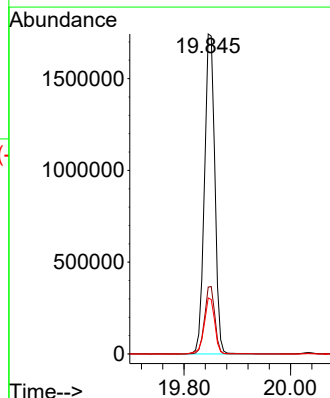
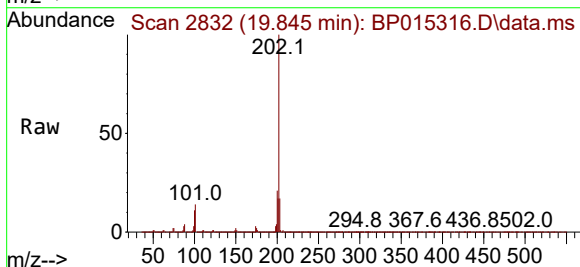
Tgt Ion:202 Resp: 2352638

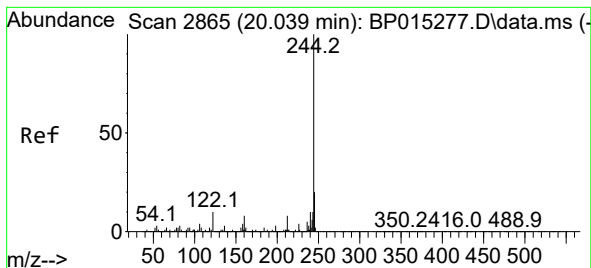
Ion Ratio Lower Upper

202 100

200 20.9 17.1 25.7

203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 71.016 ng

RT: 20.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

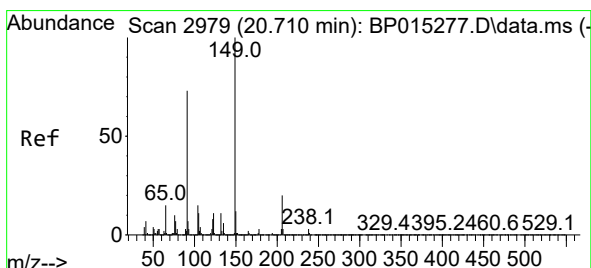
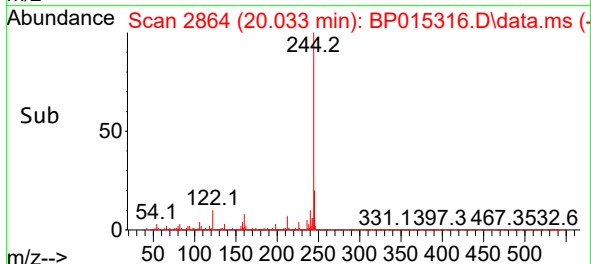
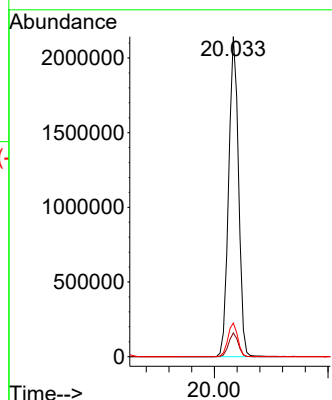
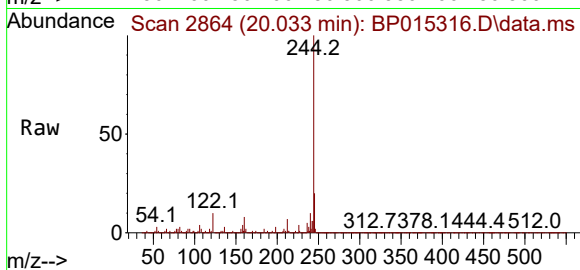
Tgt Ion:244 Resp: 2598543

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.5 8.2 12.4



#80

Butylbenzylphthalate

Concen: 49.689 ng

RT: 20.704 min Scan# 2978

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

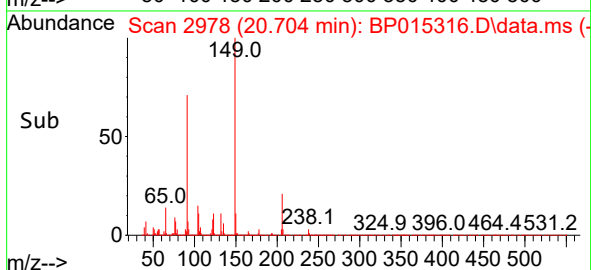
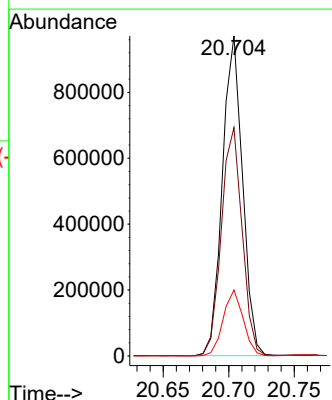
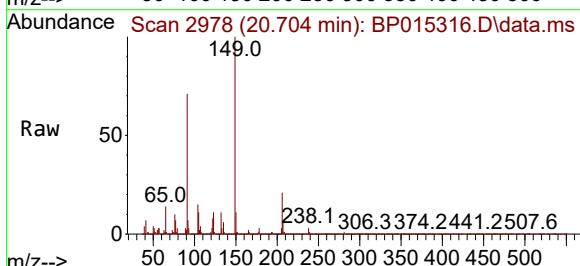
Tgt Ion:149 Resp: 1036965

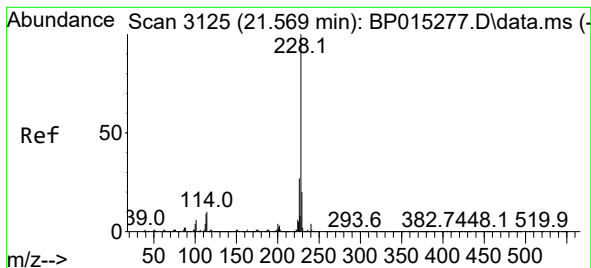
Ion Ratio Lower Upper

149 100

91 71.4 58.2 87.2

206 20.6 16.2 24.4





#81

Benzo(a)anthracene

Concen: 46.229 ng

RT: 21.563 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

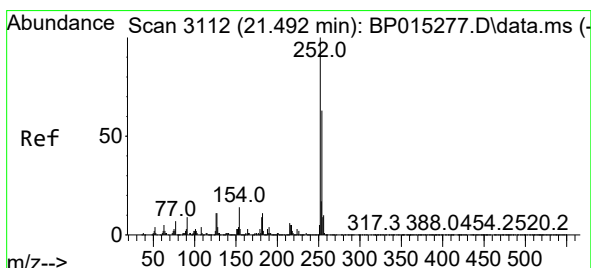
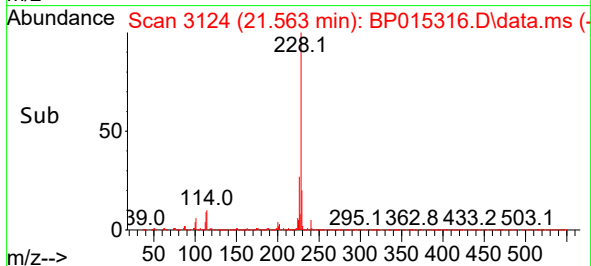
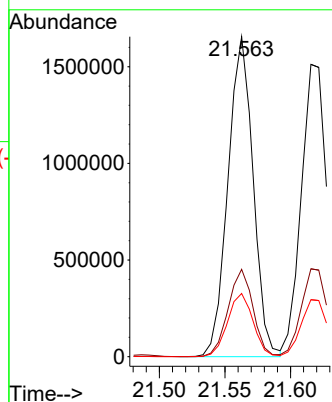
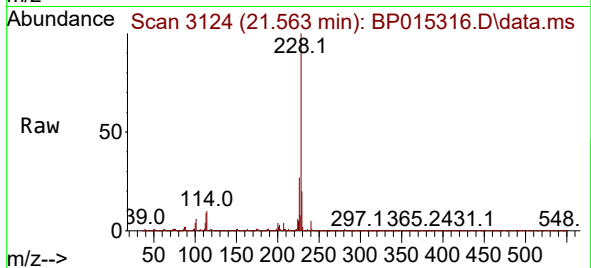
Tgt Ion:228 Resp: 2210735

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 47.541 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

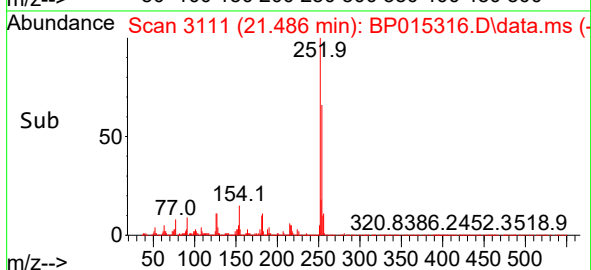
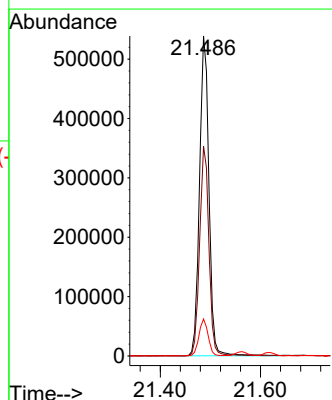
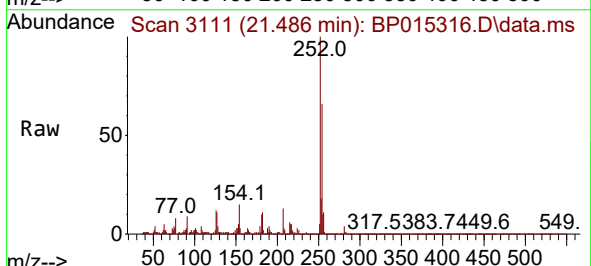
Tgt Ion:252 Resp: 702205

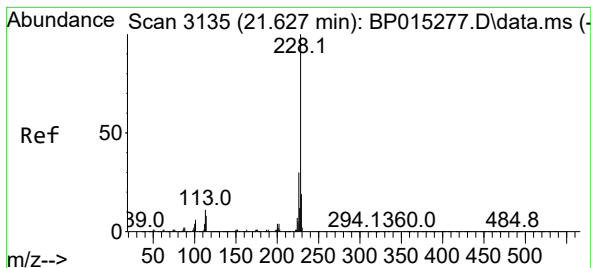
Ion Ratio Lower Upper

252 100

254 65.6 50.7 76.1

126 11.5 8.7 13.1





#83

Chrysene

Concen: 45.054 ng

RT: 21.616 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

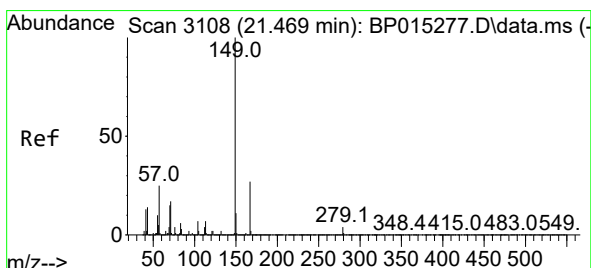
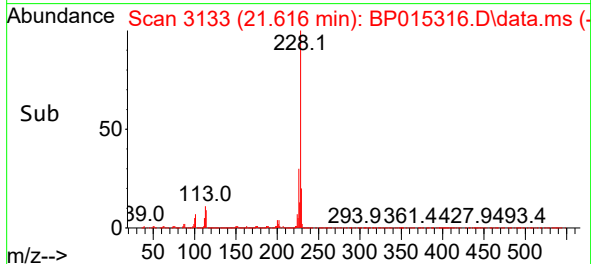
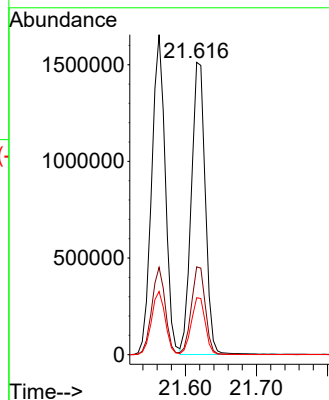
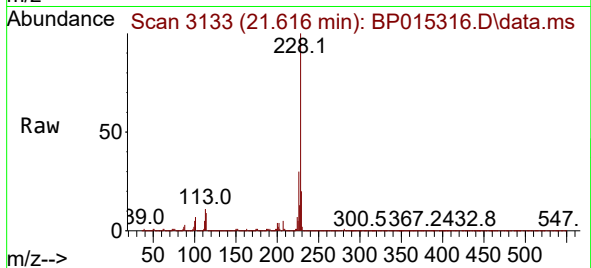
Tgt Ion:228 Resp: 2065969

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.753 ng

RT: 21.457 min Scan# 3106

Delta R.T. -0.012 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

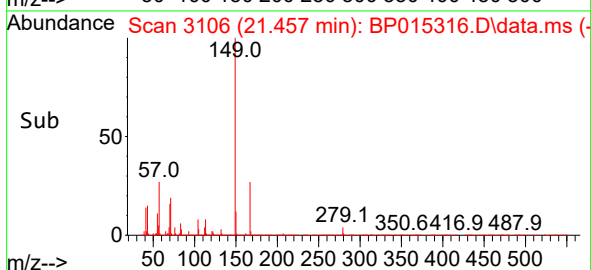
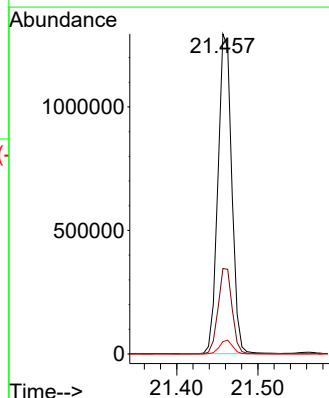
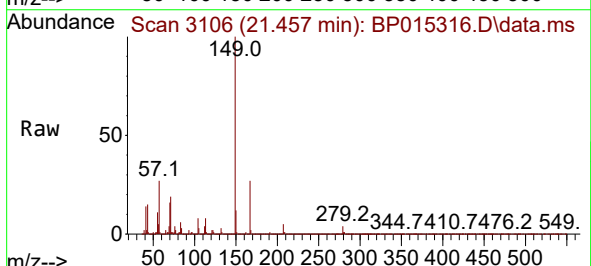
Tgt Ion:149 Resp: 1529212

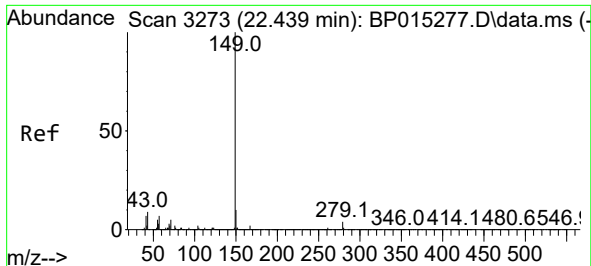
Ion Ratio Lower Upper

149 100

167 26.7 21.6 32.4

279 3.9 3.5 5.3

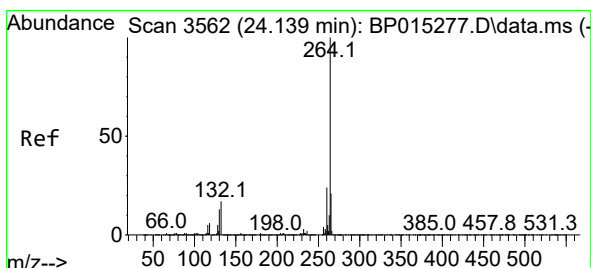
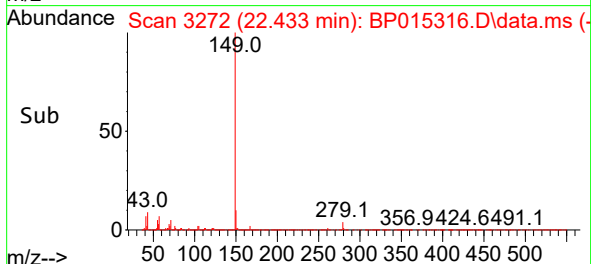
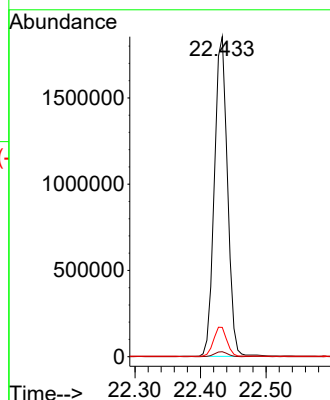
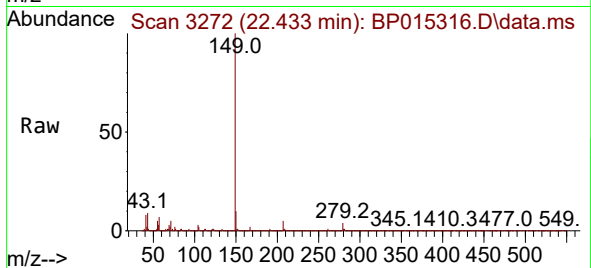




#85
Di-n-octyl phthalate
Concen: 49.394 ng
RT: 22.433 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

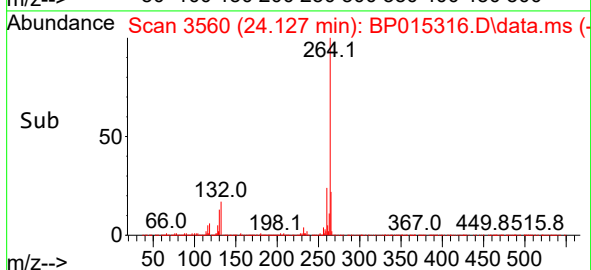
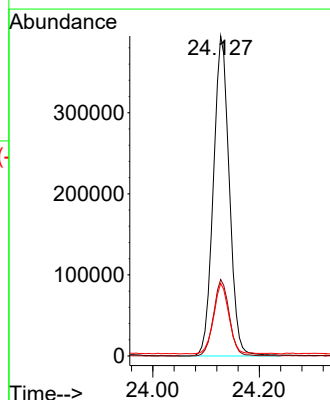
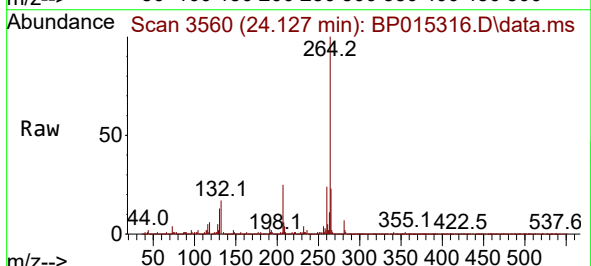
Instrument :
BNA_P
ClientSampleId :
SB17BMS

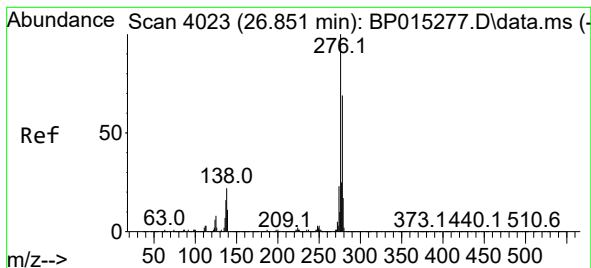
Tgt Ion:149 Resp: 2568297
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.3 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.127 min Scan# 3560
Delta R.T. -0.012 min
Lab File: BP015316.D
Acq: 26 May 2023 19:06

Tgt Ion:264 Resp: 819261
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 22.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.375 ng

RT: 26.839 min Scan# 4023

Delta R.T. -0.012 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

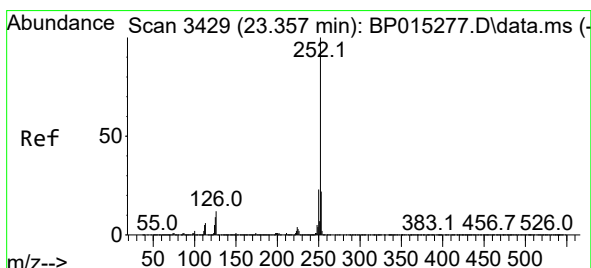
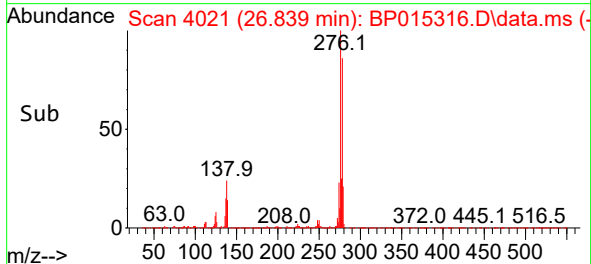
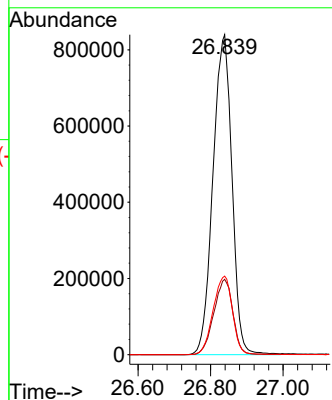
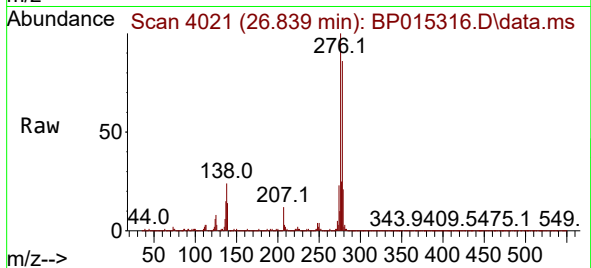
Tgt Ion:276 Resp: 3050680

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.6

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.410 ng

RT: 23.345 min Scan# 3427

Delta R.T. -0.012 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

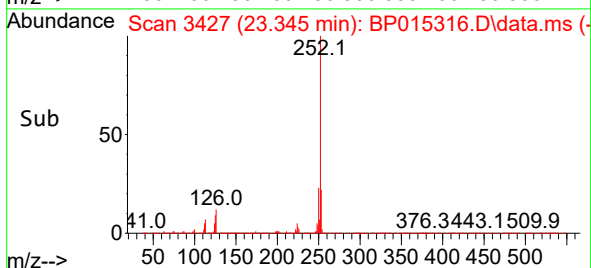
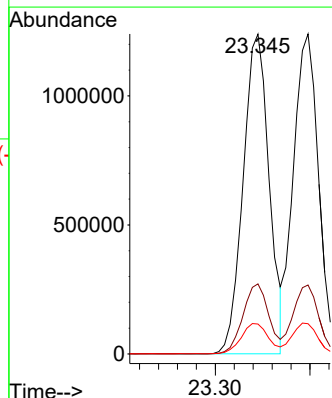
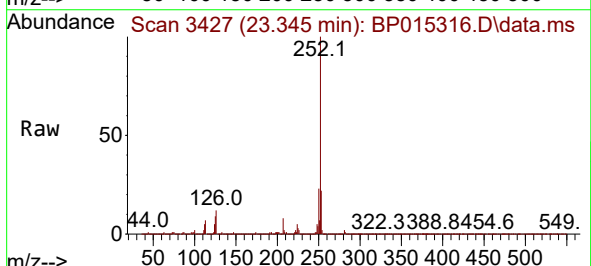
Tgt Ion:252 Resp: 2361522

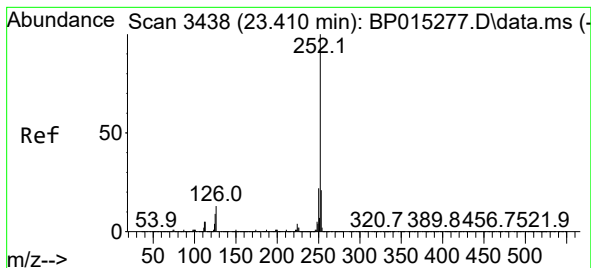
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.4 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 45.522 ng

RT: 23.398 min Scan# 3438

Delta R.T. -0.012 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

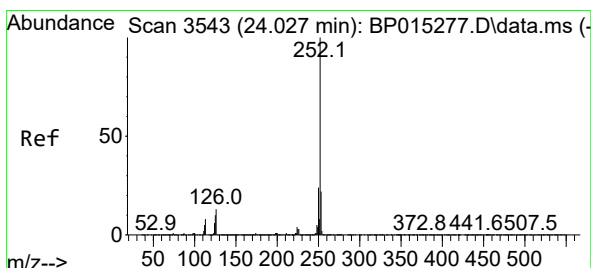
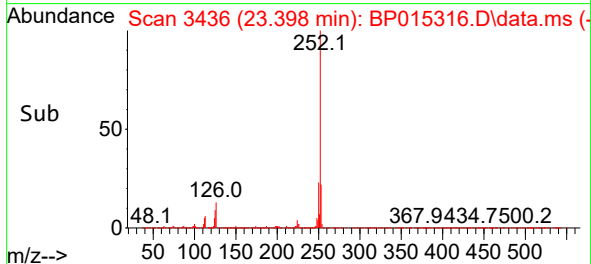
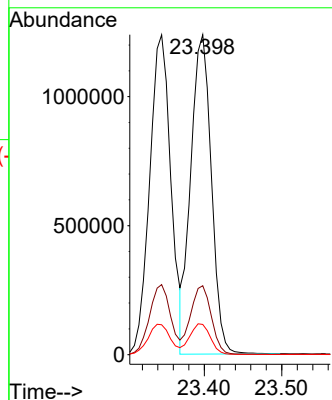
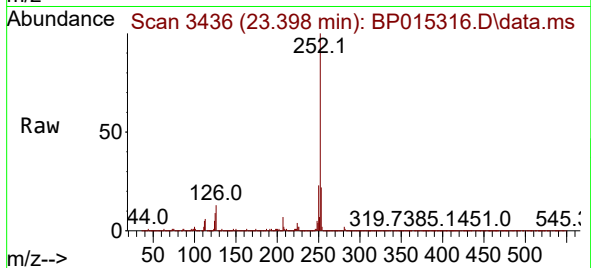
Tgt Ion:252 Resp: 2283330

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 9.4 7.4 11.0



#90

Benzo(a)pyrene

Concen: 43.999 ng

RT: 24.015 min Scan# 3541

Delta R.T. -0.012 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

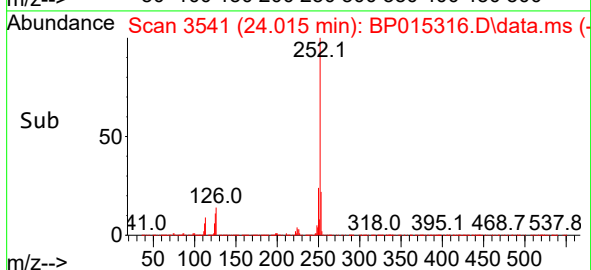
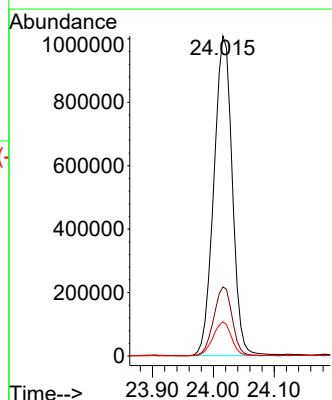
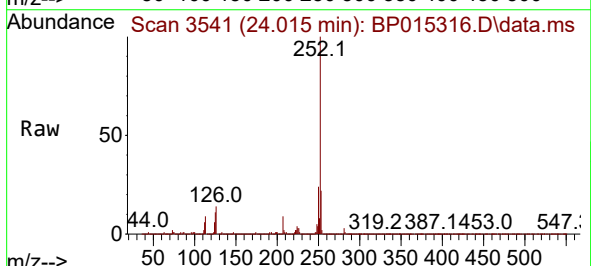
Tgt Ion:252 Resp: 2115967

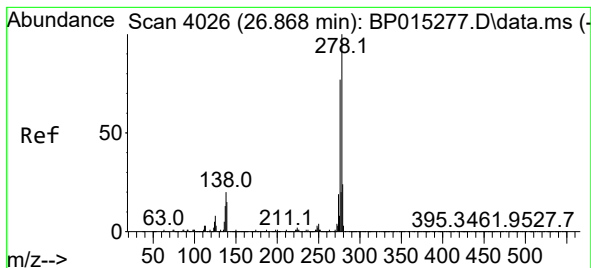
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 10.6 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 51.700 ng

RT: 26.851 min Scan# 4026

Delta R.T. -0.018 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Instrument :

BNA_P

ClientSampleId :

SB17BMS

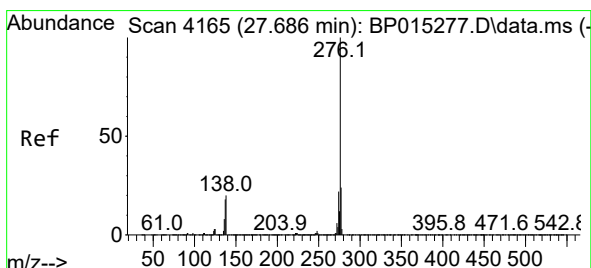
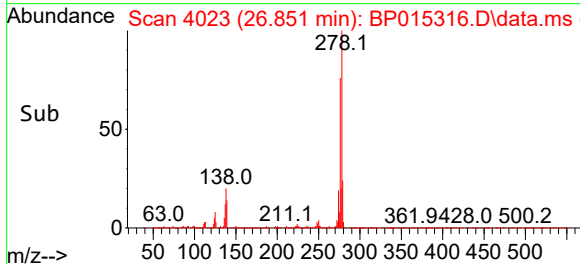
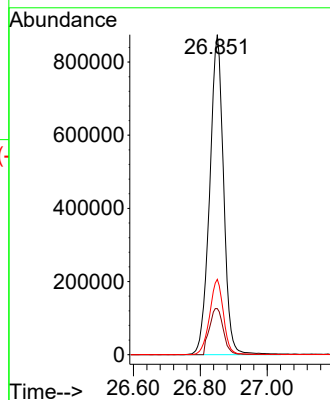
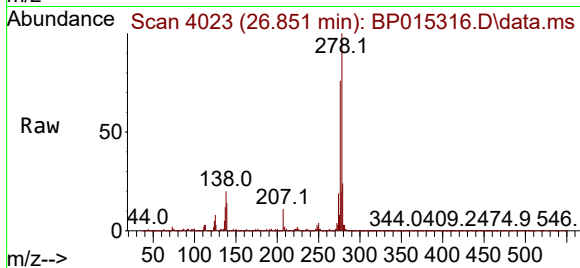
Tgt Ion:278 Resp: 2521195

Ion Ratio Lower Upper

278 100

139 14.4 12.3 18.5

279 23.5 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 51.987 ng

RT: 27.668 min Scan# 4162

Delta R.T. -0.018 min

Lab File: BP015316.D

Acq: 26 May 2023 19:06

Tgt Ion:276 Resp: 2575952

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.6

138 20.9 16.2 24.2

