

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071123\
 Data File : BP016187.D
 Acq On : 11 Jul 2023 18:17
 Operator : MA/JU
 Sample : SSTD04098
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD040642

Quant Time: Jul 12 00:35:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 12 00:24:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	172237	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	815386	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	518395	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1150639	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	1114895	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	1297121	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	74046	15.467	ng/uL	0.00
4) Pyridine-d5	3.734	84	488897	40.513	ng/ul	0.00
7) Phenol-d5	7.146	99	652199	44.256	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	429557	47.114	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	500078	44.953	ng/ul	0.00
15) 4-Methylphenol-d8	8.699	113	542071	46.562	ng/ul	-0.01
21) Nitrobenzene-d5	9.152	128	254769	40.884	ng/ul	0.00
24) 2-Nitrophenol-d4	9.881	143	290459	39.937	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	511264	39.448	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.951	131	729409	43.812	ng/ul	-0.01
46) Dimethylphthalate-d6	14.028	166	1640084	40.933	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	1852380	41.126	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	226285	42.796	ng/ul	-0.02
60) Fluorene-d10	15.616	176	1346232	40.805	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	289175	40.865	ng/ul	-0.01
73) Anthracene-d10	17.486	188	2108364	40.114	ng/ul	0.00
81) Pyrene-d10	19.716	212	2511557	34.499	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.810	264	2640333	40.352	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	82852	16.082	ng/uL	97
5) Pyridine	3.752	79	521612	41.318	ng/ul	97
6) Benzaldehyde	7.116	77	445186	74.719	ng/ul	98
8) Phenol	7.169	94	697281	45.595	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.387	93	573020	47.094	ng/ul	97
12) 2-Chlorophenol	7.522	128	507695	42.957	ng/ul	98
13) 2-Methylphenol	8.428	108	529478	45.857	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	924602	55.636	ng/ul	98
16) Acetophenone	8.810	105	873430	45.640	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.781	70	501098	47.144	ng/ul	99
18) 4-Methylphenol	8.769	108	579056	46.676	ng/ul	98
19) Hexachloroethane	9.028	117	216946	39.744	ng/ul	99
22) Nitrobenzene	9.193	77	724663	41.411	ng/ul	98
23) Isophorone	9.716	82	1403223	41.903	ng/ul	100
25) 2-Nitrophenol	9.910	139	312143	40.440	ng/ul	100
26) 2,4-Dimethylphenol	9.969	107	652651	38.464	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.193	93	834659	44.152	ng/ul	100
29) 2,4-Dichlorophenol	10.457	162	504630	39.164	ng/ul	100
30) Naphthalene	10.828	128	1757974	39.660	ng/ul	99
32) 4-Chloroaniline	10.981	127	737899	42.660	ng/ul	99
33) Hexachlorobutadiene	11.093	225	310508	31.911	ng/ul	100
34) Caprolactam	11.793	113	67072	17.018	ng/ul	99
35) 4-Chloro-3-methylphenol	12.110	107	608694	40.358	ng/ul	98
36) 2-Methylnaphthalene	12.446	142	1188507	40.730	ng/ul	100

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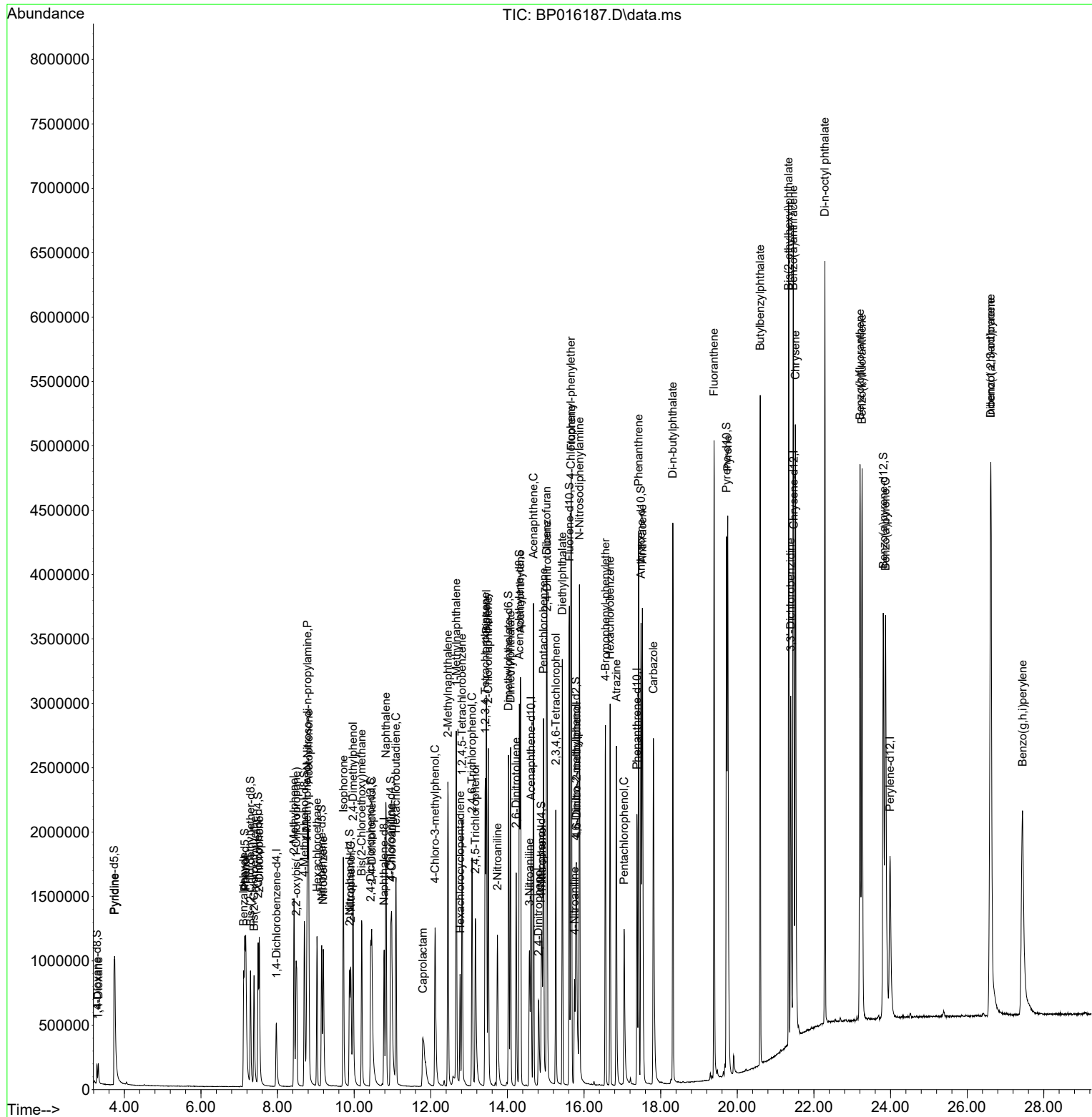
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	1211708	40.706	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.816	216	621223	36.365	ng/ul	97
40) Hexachlorocyclopentadiene	12.769	237	213102	41.698	ng/ul	100
41) 2,4,6-Trichlorophenol	13.075	196	415996	38.532	ng/ul	98
42) 2,4,5-Trichlorophenol	13.163	196	434257	37.922	ng/ul	100
43) 1,1'-Biphenyl	13.451	154	1595502	38.858	ng/ul	100
44) 2-Chloronaphthalene	13.498	162	1253500	38.753	ng/ul	100
45) 2-Nitroaniline	13.740	65	445293	43.752	ng/ul	98
47) Dimethylphthalate	14.081	163	1644569	39.660	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	336717	40.031	ng/ul	96
50) Acenaphthylene	14.340	152	2118729	42.691	ng/ul	99
51) 3-Nitroaniline	14.575	138	331405	50.243	ng/ul	97
52) Acenaphthene	14.681	153	1382176	40.162	ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	174832	39.177	ng/ul	99
55) 4-Nitrophenol	14.898	109	185831	33.915	ng/ul	94
56) Dibenzofuran	15.022	168	1876750	39.283	ng/ul	99
57) 2,4-Dinitrotoluene	15.034	165	489978	42.747	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.263	232	381052	38.741	ng/ul	100
59) Diethylphthalate	15.434	149	1683600	40.121	ng/ul	99
61) Fluorene	15.669	166	1545404	39.880	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	749695	37.809	ng/ul	100
63) 4-Nitroaniline	15.751	138	298905	66.210	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.804	198	300153	41.923	ng/ul#	97
67) N-Nitrosodiphenylamine	15.881	169	1321552	38.366	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	465781	35.449	ng/ul	98
69) Hexachlorobenzene	16.681	284	541163	34.905	ng/ul	97
70) Atrazine	16.845	200	502150	38.083	ng/ul	98
71) Pentachlorophenol	17.045	266	267214	35.911	ng/ul	99
72) Phenanthrene	17.428	178	2474695	39.589	ng/ul	100
74) Anthracene	17.522	178	2539331	40.428	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	661034	35.306	ng/ul	98
76) Pentachlorobenzene	14.940	250	600939	31.801	ng/ul	100
77) Carbazole	17.810	167	2303928	43.519	ng/ul	99
78) Di-n-butylphthalate	18.316	149	2986684	42.555	ng/ul	100
80) Fluoranthene	19.392	202	2944734	32.547	ng/ul	99
82) Pyrene	19.751	202	3106385	33.658	ng/ul	99
83) Butylbenzylphthalate	20.598	149	1401740	37.228	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	1055383	41.875	ng/ul	98
85) Benzo(a)anthracene	21.463	228	3040105	38.763	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	2077966	40.157	ng/ul	100
87) Chrysene	21.516	228	2986782	40.140	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	3630925	38.303	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	3095110	37.136	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	3243237	38.514	ng/ul	99
93) Benzo(a)pyrene	23.868	252	3040819	41.754	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.615	276	3642631	36.845	ng/ul	98
95) Dibenzo(a,h)anthracene	26.615	278	2976762	36.658	ng/ul	100
96) Benzo(g,h,i)perylene	27.445	276	2872619	35.319	ng/ul	99

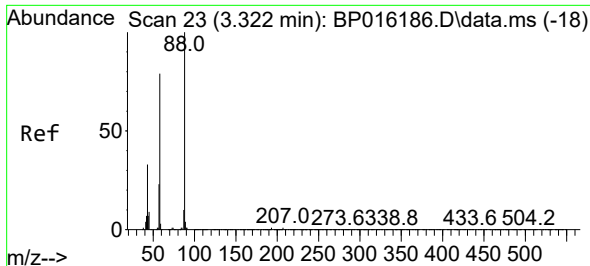
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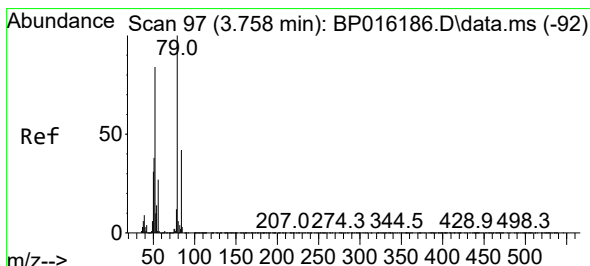
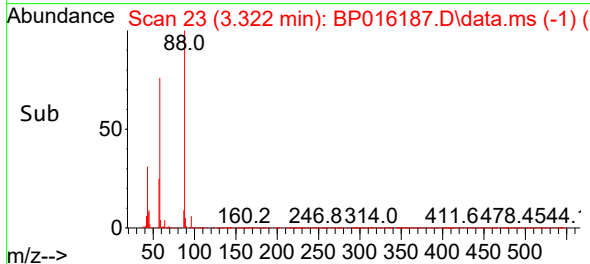
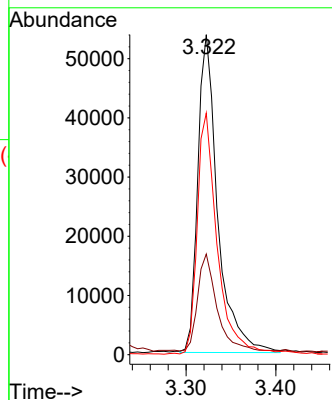
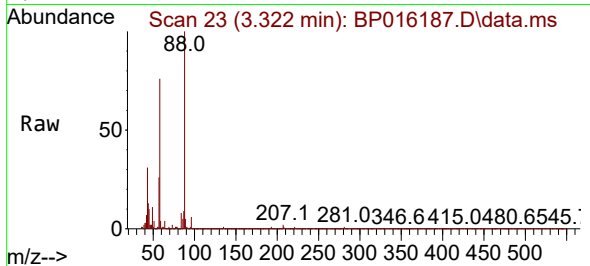




#2
1,4-Dioxane
Concen: 16.082 ng/uL
RT: 3.322 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016187.D
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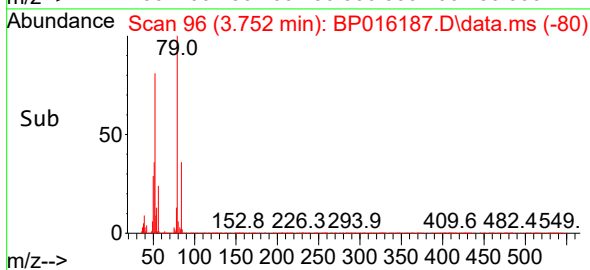
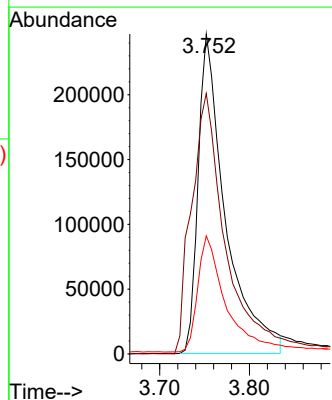
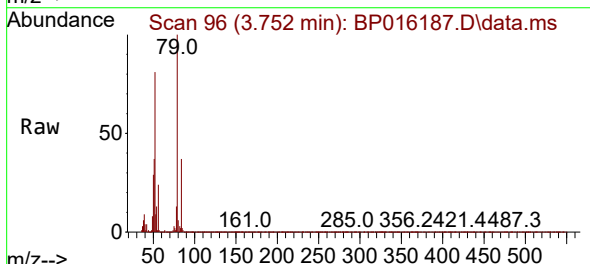
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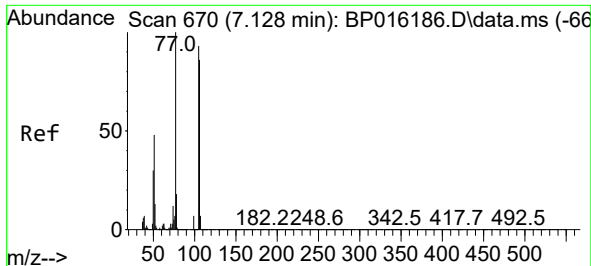
Tgt Ion: 88 Resp: 82852
Ion Ratio Lower Upper
88 100
43 31.5 27.5 41.3
58 75.5 62.2 93.4



#5
Pyridine
Concen: 41.318 ng/uL
RT: 3.752 min Scan# 96
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion: 79 Resp: 521612
Ion Ratio Lower Upper
79 100
52 81.4 67.4 101.0
51 36.9 31.3 46.9

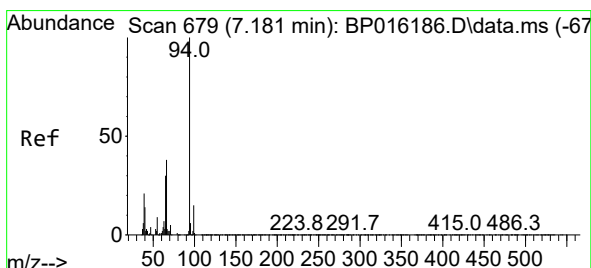
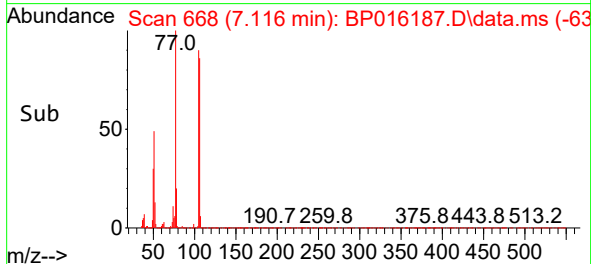
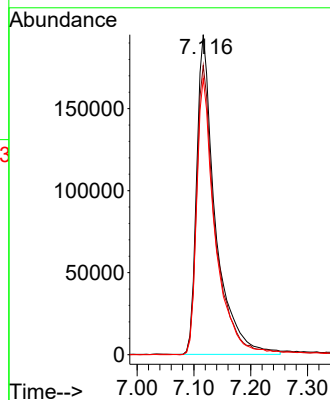
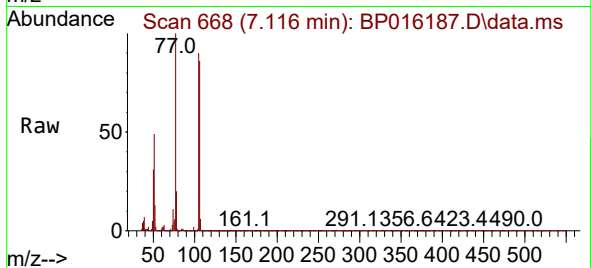




#6
Benzaldehyde
Concen: 74.719 ng/ul
RT: 7.116 min Scan# 609
Delta R.T. -0.012 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

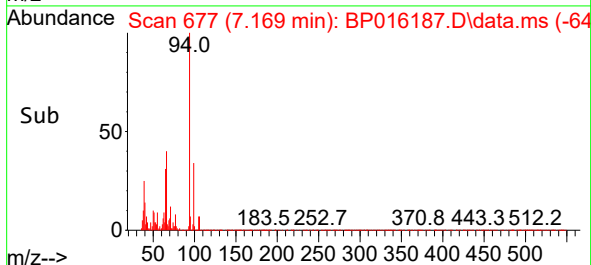
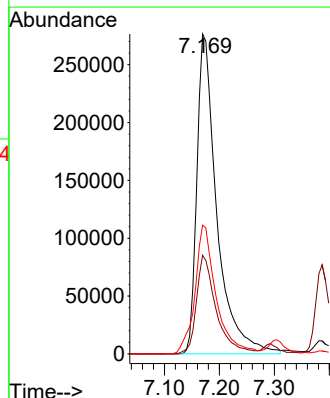
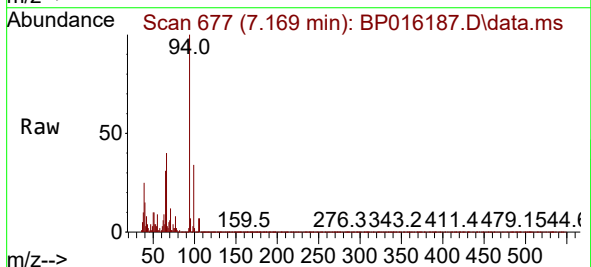
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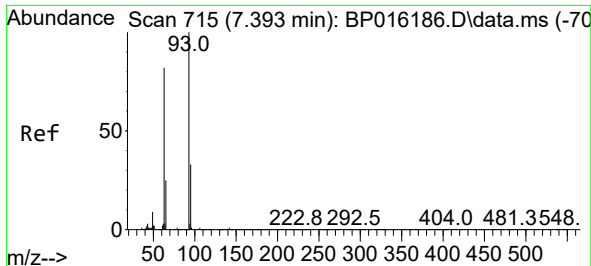
Tgt Ion: 77 Resp: 445186
Ion Ratio Lower Upper
77 100
105 90.4 74.6 111.8
106 86.3 68.3 102.5



#8
Phenol
Concen: 45.595 ng/ul
RT: 7.169 min Scan# 677
Delta R.T. -0.012 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion: 94 Resp: 697281
Ion Ratio Lower Upper
94 100
65 30.8 24.2 36.2
66 40.3 31.4 47.2

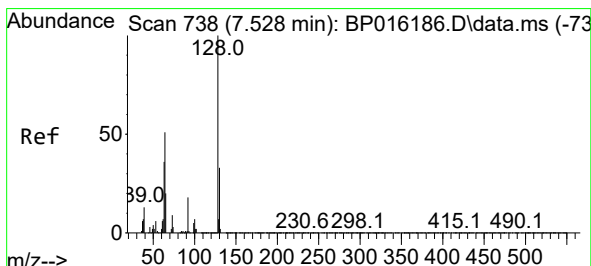
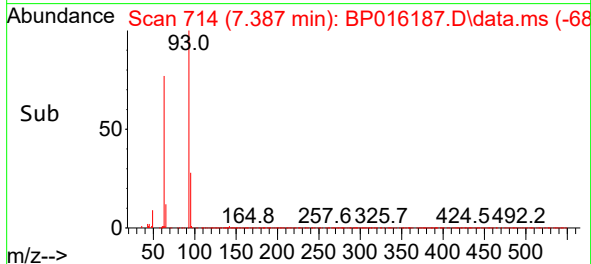
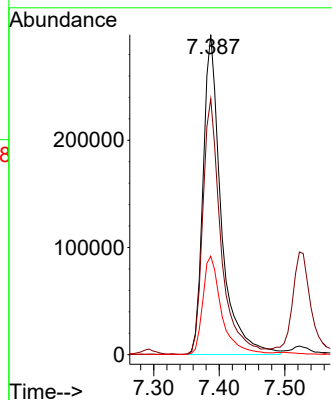
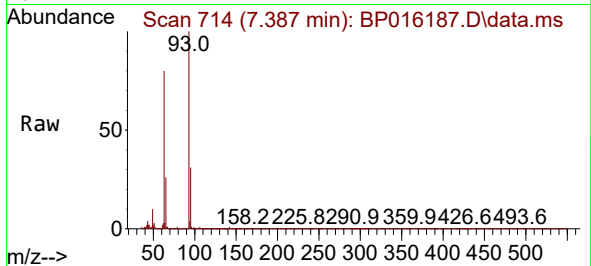




#10
Bis(2-Chloroethyl)ether
Concen: 47.094 ng/ul
RT: 7.387 min Scan# 715
Delta R.T. -0.006 min
Lab File: BP016187.D
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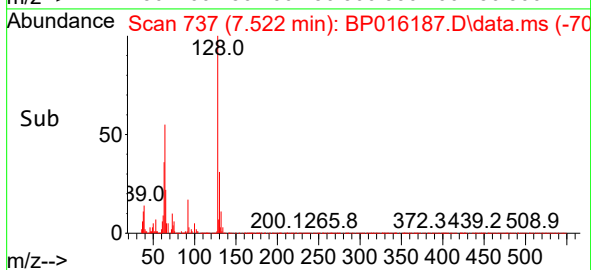
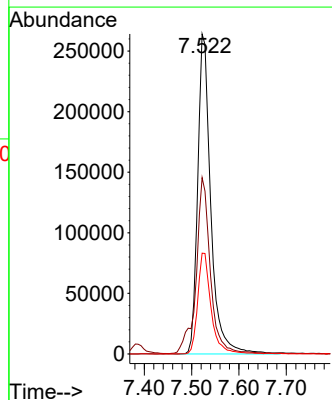
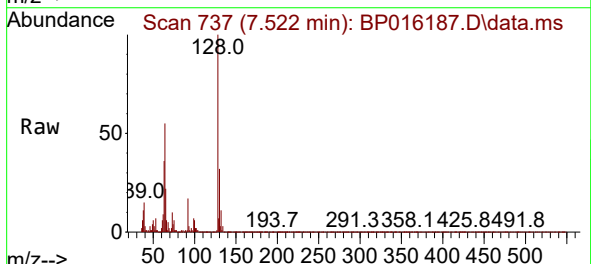
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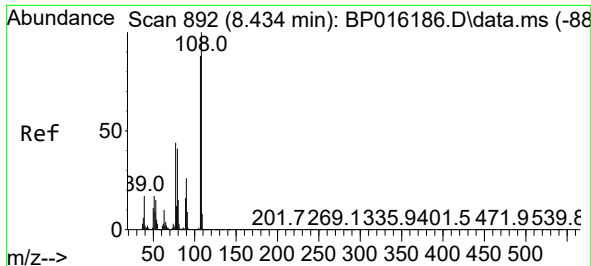
Tgt Ion: 93 Resp: 573020
Ion Ratio Lower Upper
93 100
63 79.9 65.7 98.5
95 30.8 26.4 39.6



#12
2-Chlorophenol
Concen: 42.957 ng/ul
RT: 7.522 min Scan# 737
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:128 Resp: 507695
Ion Ratio Lower Upper
128 100
64 55.1 44.6 67.0
130 31.5 26.5 39.7





#13

2-Methylphenol

Concen: 45.857 ng/ul

RT: 8.428 min Scan# 891

Delta R.T. -0.006 min

Lab File: BP016187.D

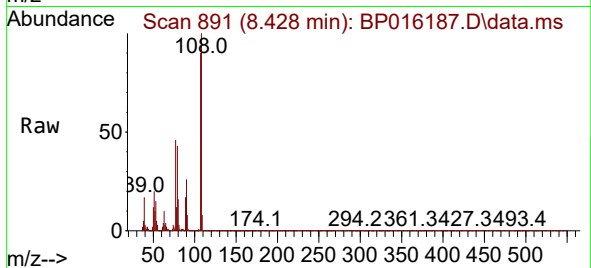
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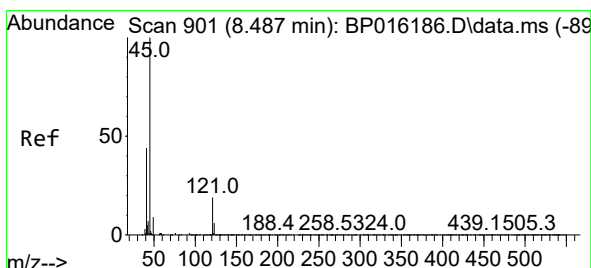
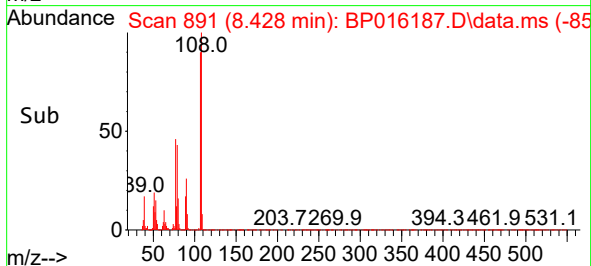
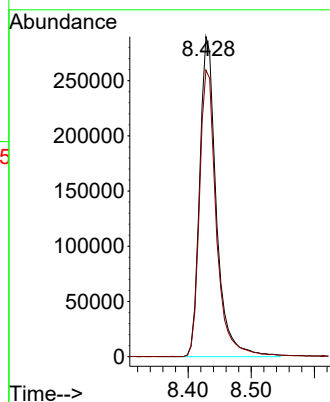


Tgt Ion:108 Resp: 529478

Ion Ratio Lower Upper

108 100

107 89.6 70.1 105.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 55.636 ng/ul

RT: 8.487 min Scan# 901

Delta R.T. -0.000 min

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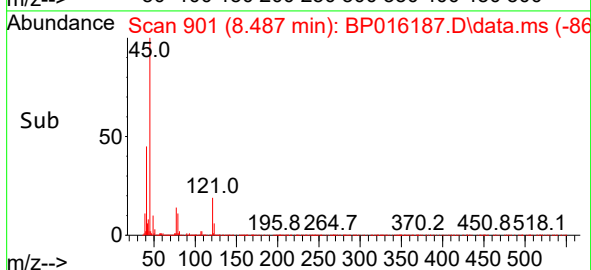
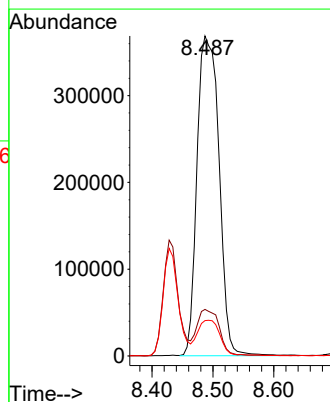
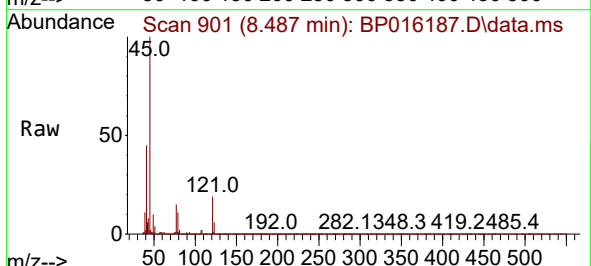
Tgt Ion: 45 Resp: 924602

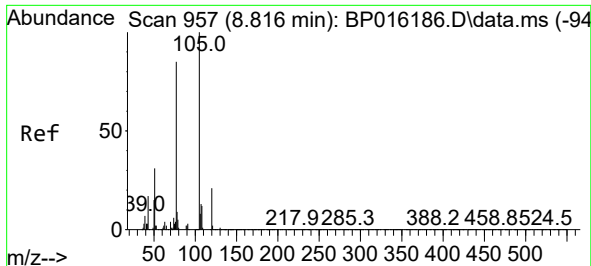
Ion Ratio Lower Upper

45 100

77 14.6 12.7 19.1

79 11.1 9.3 13.9

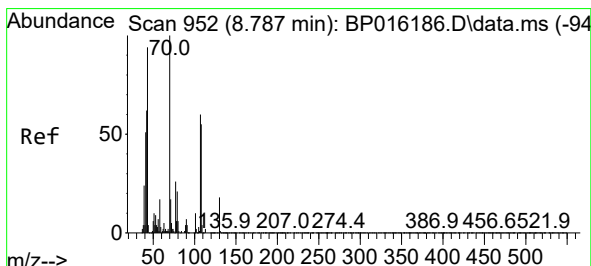
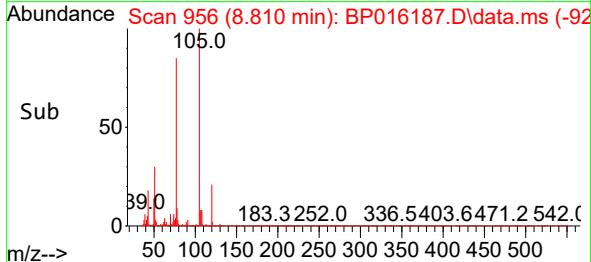
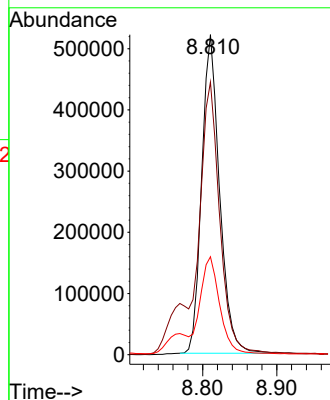
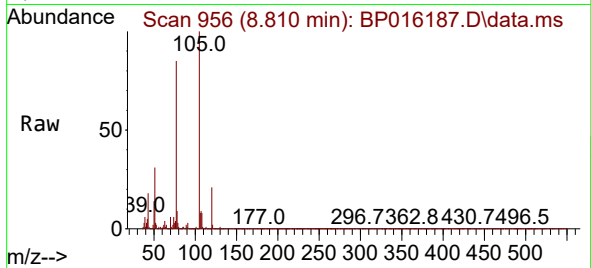




#16
Acetophenone
Concen: 45.640 ng/ul
RT: 8.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

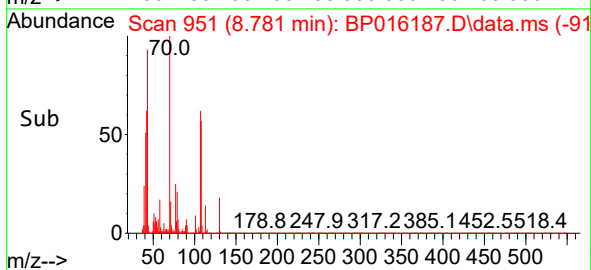
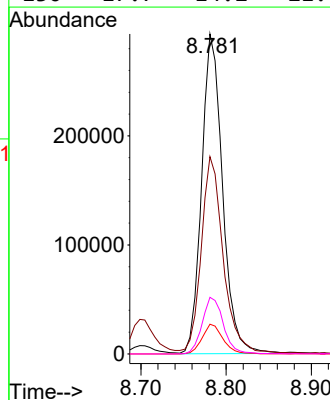
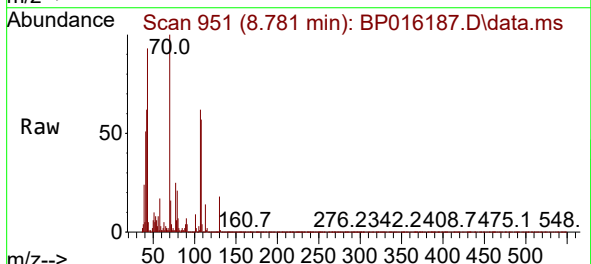
Instrument :
BNA_P
ClientSampleId :
SSTD040642

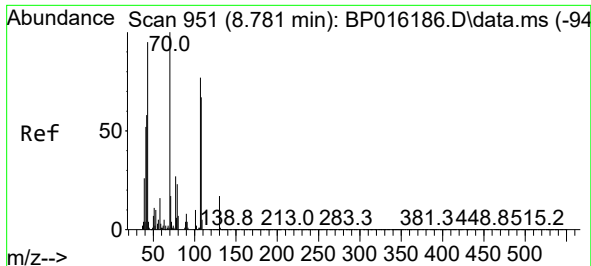
Tgt Ion:105 Resp: 873430
Ion Ratio Lower Upper
105 100
77 85.2 68.6 102.8
51 30.6 25.0 37.4



#17
N-Nitroso-di-n-propylamine
Concen: 47.144 ng/ul
RT: 8.781 min Scan# 951
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion: 70 Resp: 501098
Ion Ratio Lower Upper
70 100
42 61.6 50.5 75.7
101 9.3 7.8 11.6
130 17.7 14.2 21.4

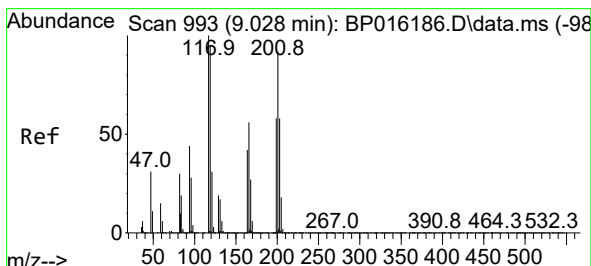
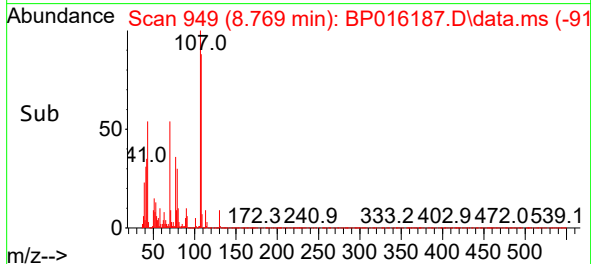
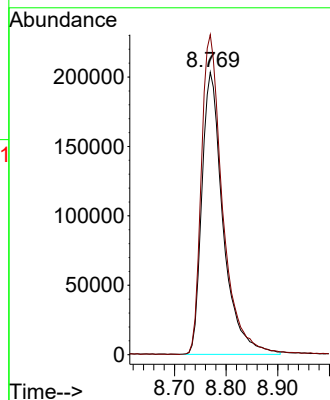
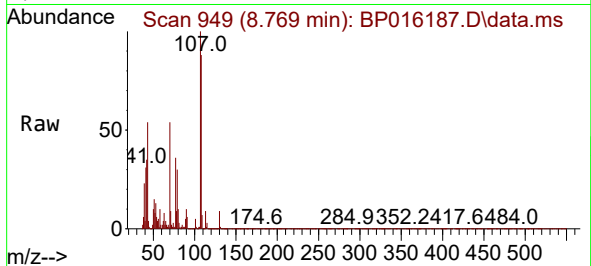




#18
4-Methylphenol
Concen: 46.676 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. -0.012 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

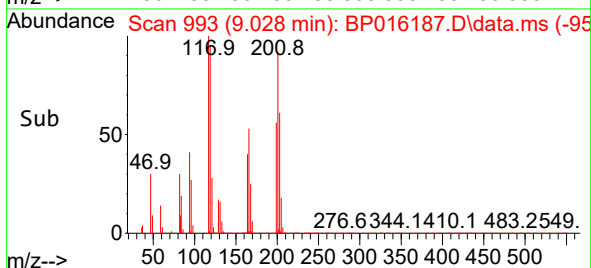
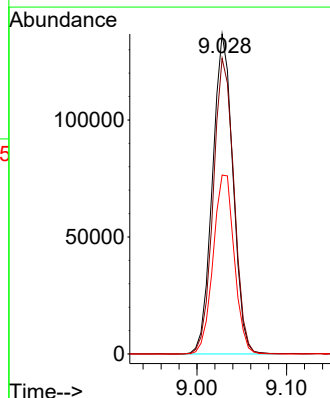
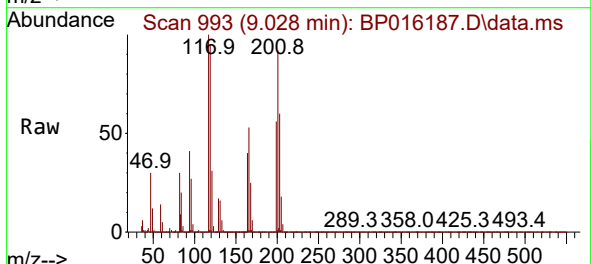
Instrument :
BNA_P
ClientSampleId :
SSTD040642

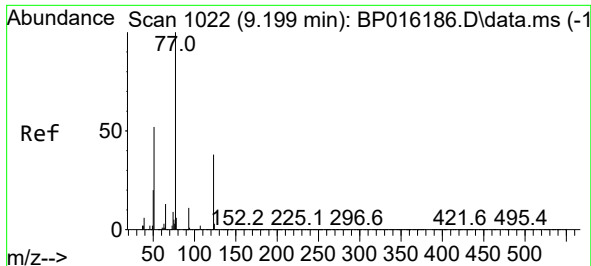
Tgt Ion:108 Resp: 579056
Ion Ratio Lower Upper
108 100
107 113.3 92.5 138.7



#19
Hexachloroethane
Concen: 39.744 ng/ul
RT: 9.028 min Scan# 993
Delta R.T. -0.000 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:117 Resp: 216946
Ion Ratio Lower Upper
117 100
201 92.4 73.5 110.3
199 55.9 46.6 69.8

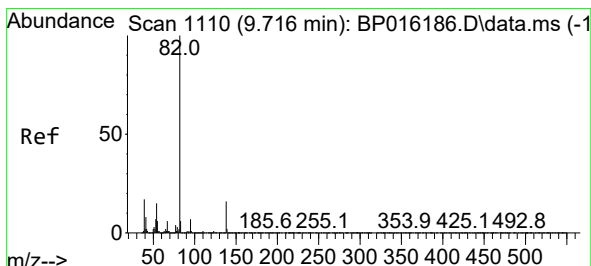
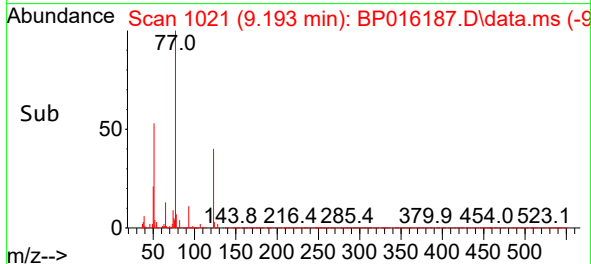
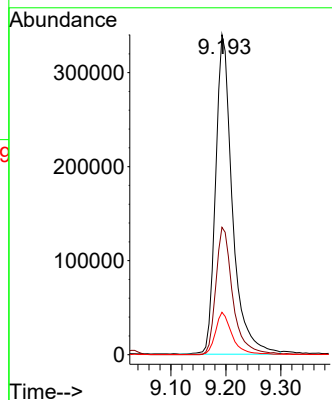
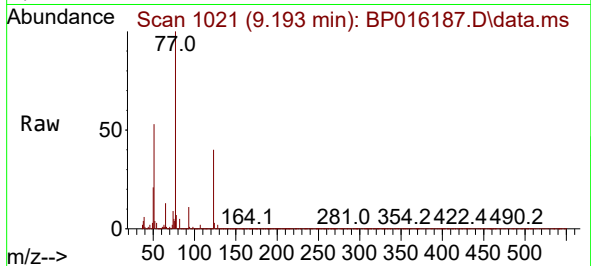




#22
Nitrobenzene
Concen: 41.411 ng/ul
RT: 9.193 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

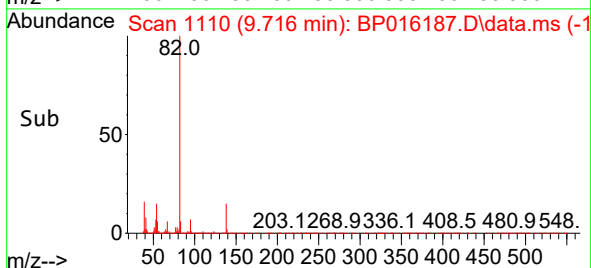
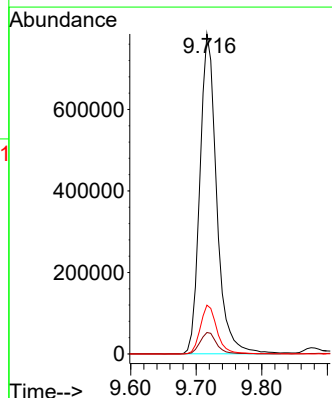
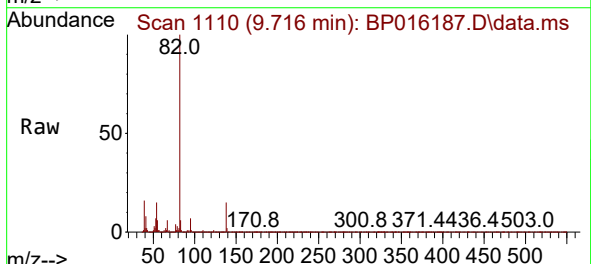
Instrument :
BNA_P
ClientSampleId :
SSTD040642

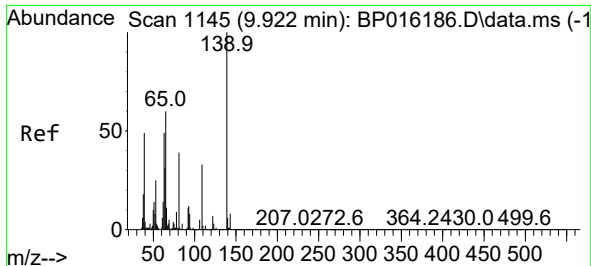
Tgt Ion: 77 Resp: 724663
Ion Ratio Lower Upper
77 100
123 39.8 30.5 45.7
65 13.3 10.7 16.1



#23
Isophorone
Concen: 41.903 ng/ul
RT: 9.716 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion: 82 Resp: 1403223
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 15.3 12.4 18.6

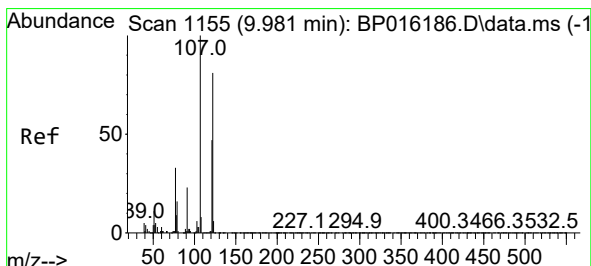
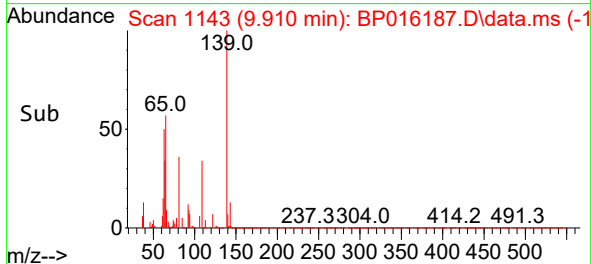
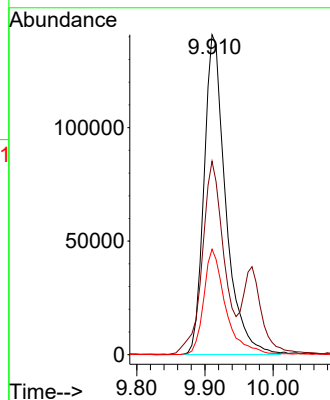
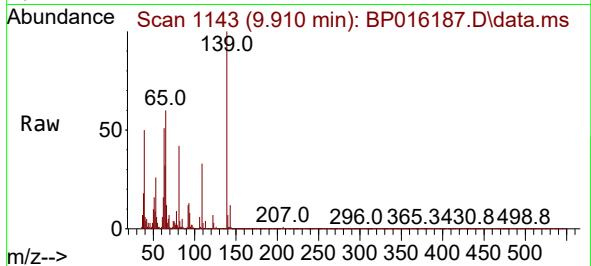




#25
2-Nitrophenol
Concen: 40.440 ng/ul
RT: 9.910 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

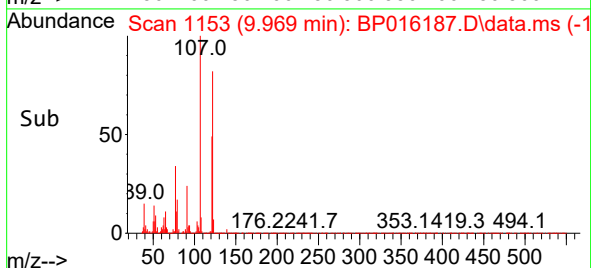
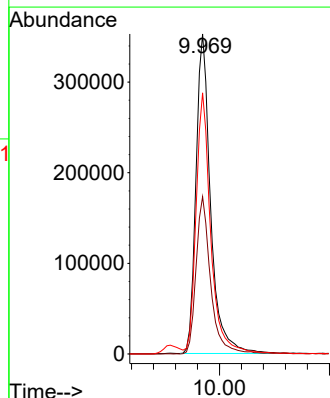
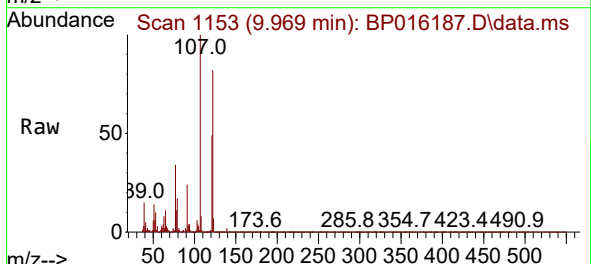
Instrument :
BNA_P
ClientSampleId :
SSTD040642

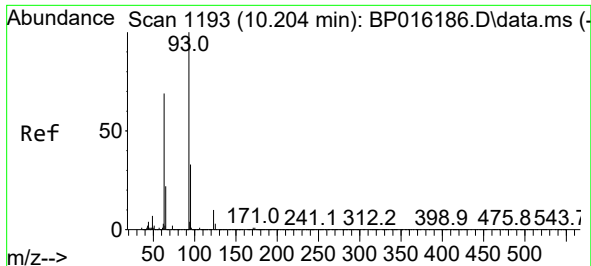
Tgt Ion:139 Resp: 312143
Ion Ratio Lower Upper
139 100
65 60.4 48.6 72.8
109 33.0 26.7 40.1



#26
2,4-Dimethylphenol
Concen: 38.464 ng/ul
RT: 9.969 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:107 Resp: 652651
Ion Ratio Lower Upper
107 100
121 49.1 37.4 56.2
122 81.6 66.0 99.0

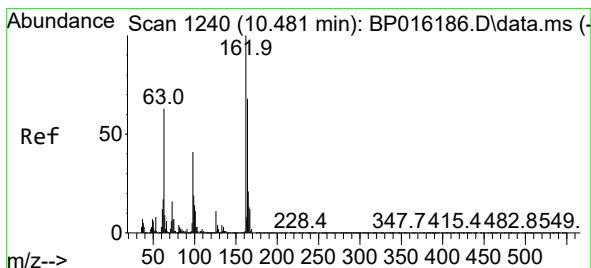
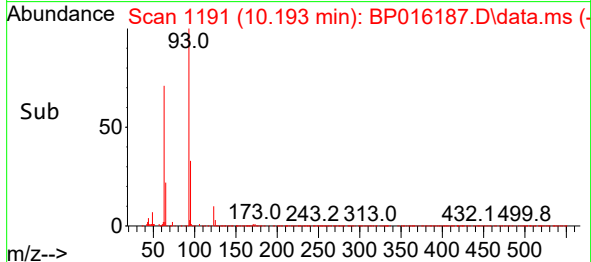
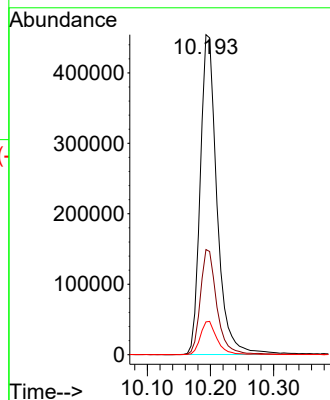
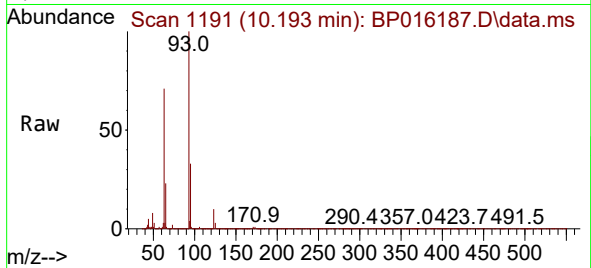




#27
 Bis(2-Chloroethoxy)methane
 Concen: 44.152 ng/ul
 RT: 10.193 min Scan# 1193
 Delta R.T. -0.012 min
 Lab File: BP016187.D
 Acq: 11 Jul 2023 18:17

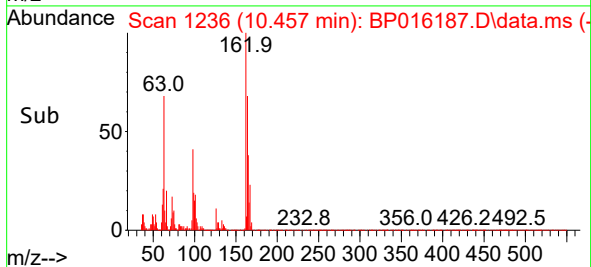
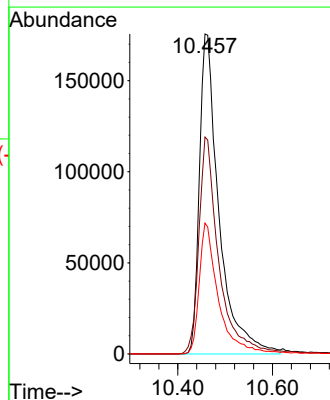
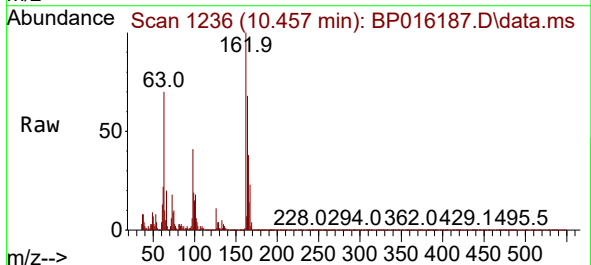
Instrument :
 BNA_P
 ClientSampleId :
 SSTD040642

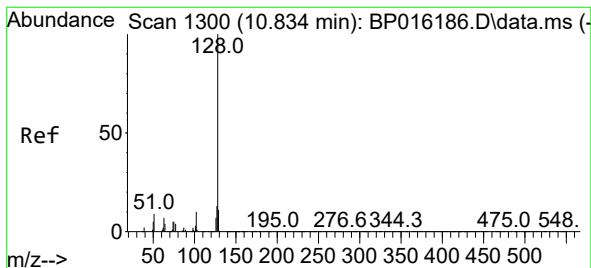
Tgt Ion: 93 Resp: 834659
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.2
 123 10.2 8.0 12.0



#29
 2,4-Dichlorophenol
 Concen: 39.164 ng/ul
 RT: 10.457 min Scan# 1236
 Delta R.T. -0.024 min
 Lab File: BP016187.D
 Acq: 11 Jul 2023 18:17

Tgt Ion: 162 Resp: 504630
 Ion Ratio Lower Upper
 162 100
 164 67.8 54.4 81.6
 98 40.9 32.6 49.0





#30

Naphthalene

Concen: 39.660 ng/ul

RT: 10.828 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040642

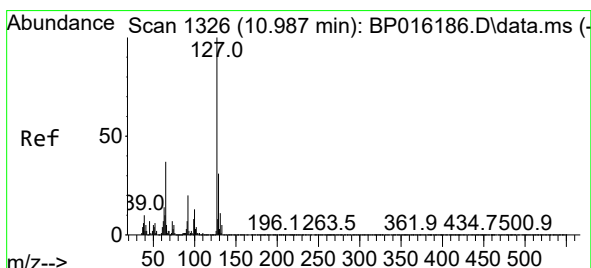
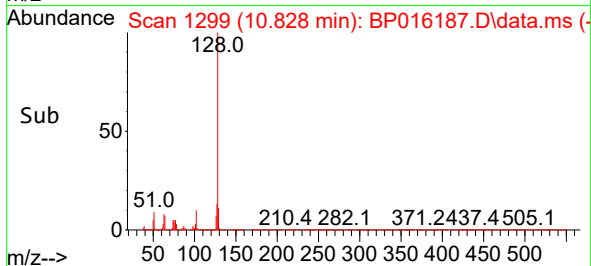
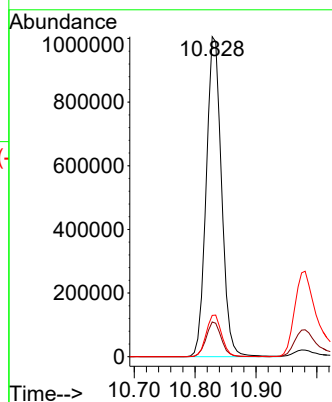
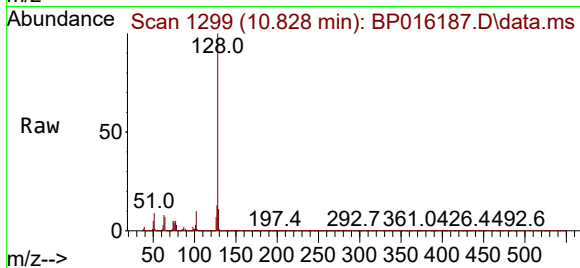
Tgt Ion:128 Resp: 1757974

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

127 12.9 10.6 16.0



#32

4-Chloroaniline

Concen: 42.660 ng/ul

RT: 10.981 min Scan# 1325

Delta R.T. -0.006 min

Lab File: BP016187.D

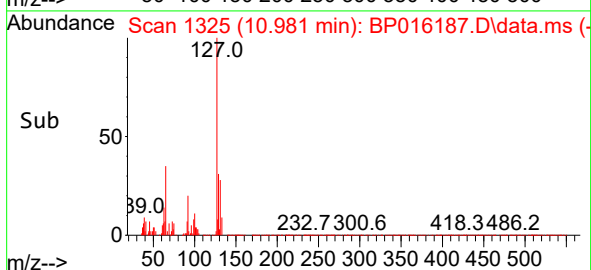
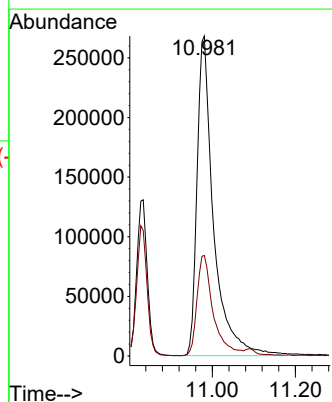
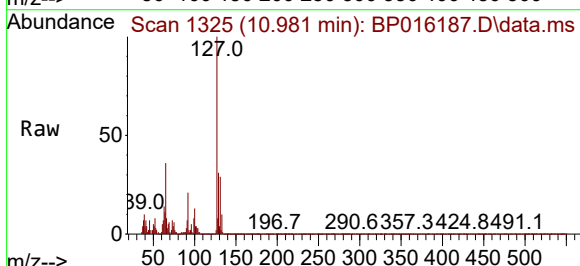
Acq: 11 Jul 2023 18:17

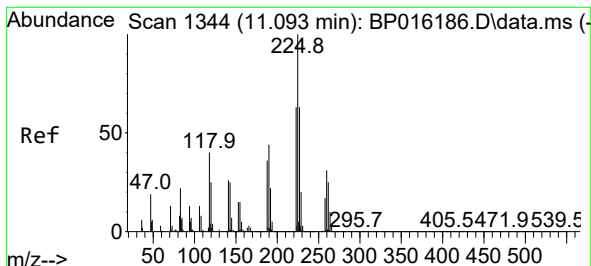
Tgt Ion:127 Resp: 737899

Ion Ratio Lower Upper

127 100

129 31.4 24.6 37.0





#33

Hexachlorobutadiene

Concen: 31.911 ng/ul

RT: 11.093 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040642

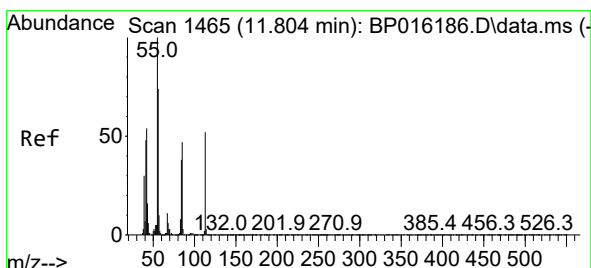
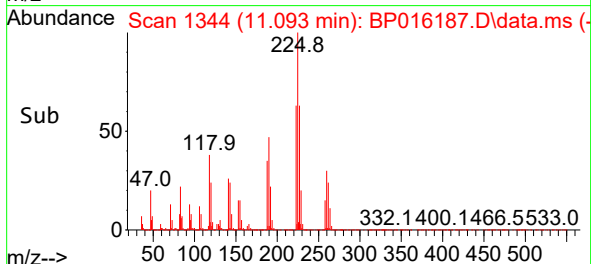
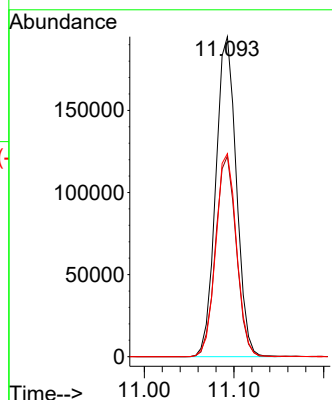
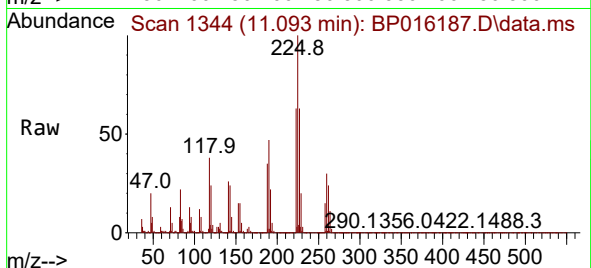
Tgt Ion:225 Resp: 310508

Ion Ratio Lower Upper

225 100

223 62.7 50.6 75.8

227 63.4 50.6 75.8



#34

Caprolactam

Concen: 17.018 ng/ul

RT: 11.793 min Scan# 1463

Delta R.T. -0.012 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

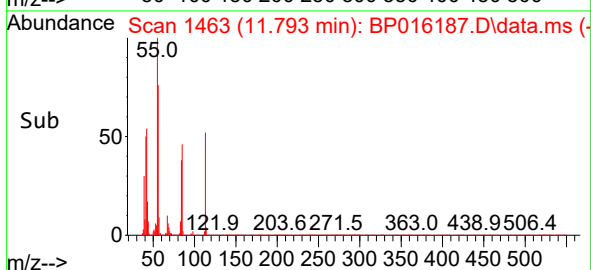
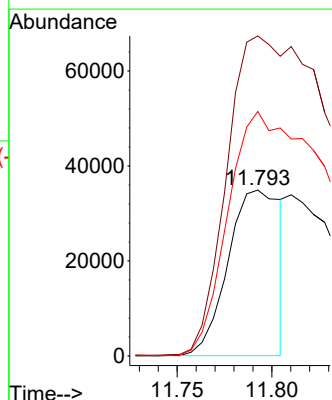
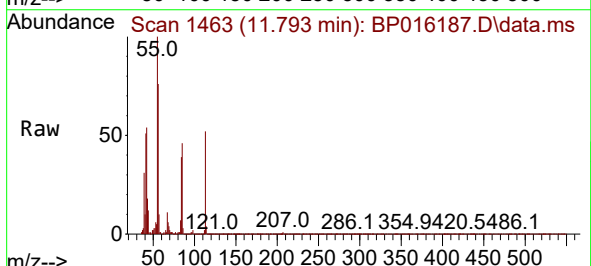
Tgt Ion:113 Resp: 67072

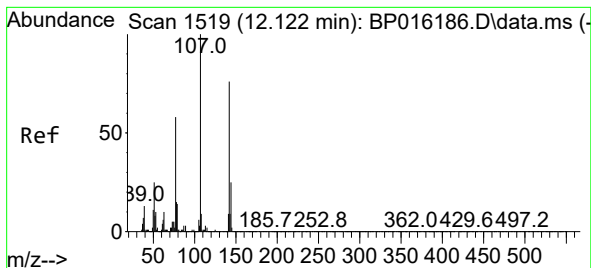
Ion Ratio Lower Upper

113 100

55 192.8 154.7 232.1

56 147.3 115.0 172.4

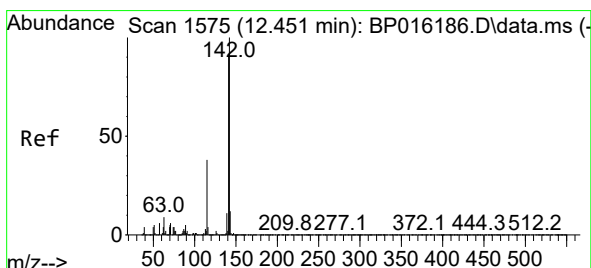
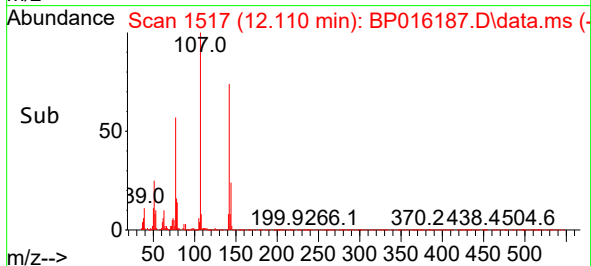
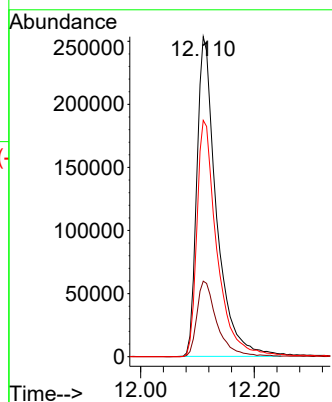
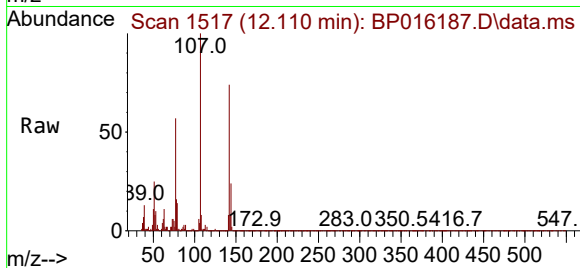




#35
4-Chloro-3-methylphenol
Concen: 40.358 ng/ul
RT: 12.110 min Scan# 1517
Delta R.T. -0.012 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

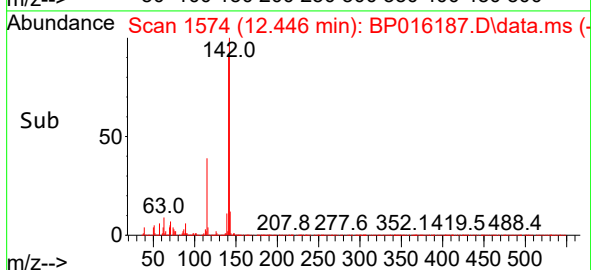
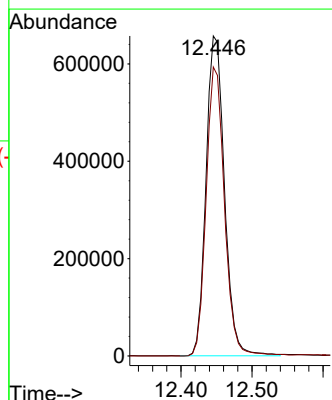
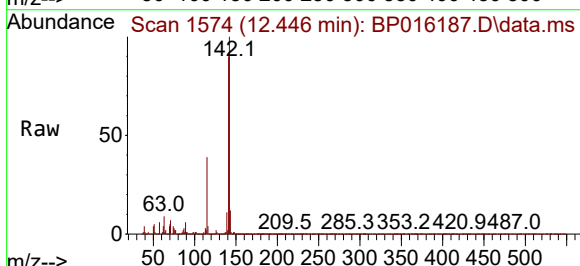
Instrument :
BNA_P
ClientSampleId :
SSTD040642

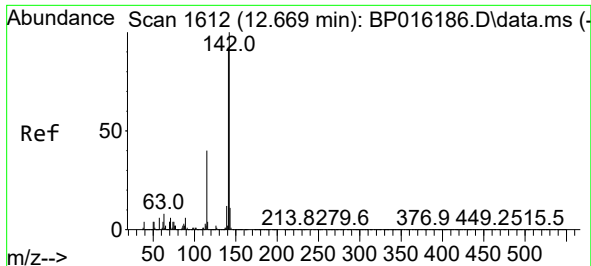
Tgt Ion:107 Resp: 608694
Ion Ratio Lower Upper
107 100
144 23.6 20.0 30.0
142 73.8 60.6 91.0



#36
2-Methylnaphthalene
Concen: 40.730 ng/ul
RT: 12.446 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:142 Resp: 1188507
Ion Ratio Lower Upper
142 100
141 90.3 72.5 108.7

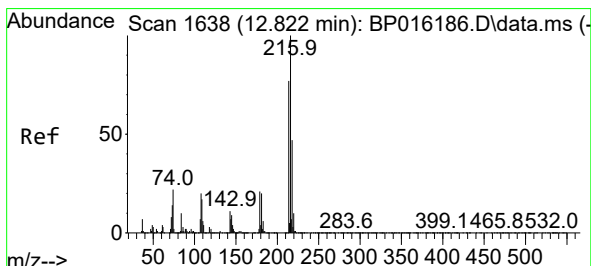
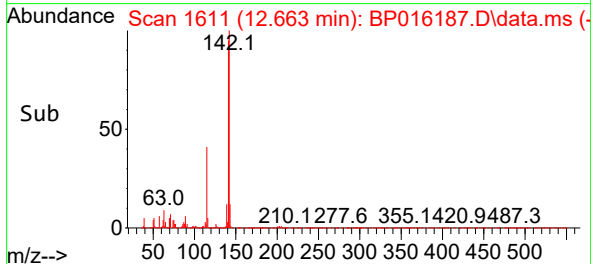
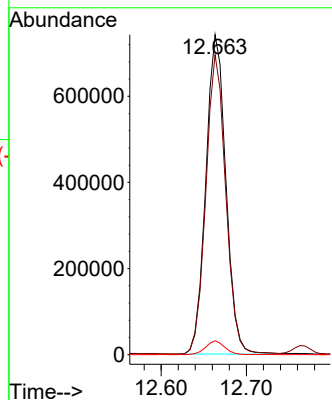
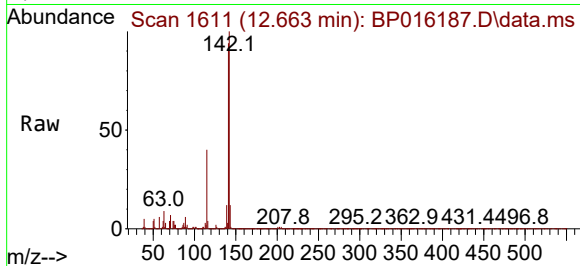




#37
1-Methylnaphthalene
Concen: 40.706 ng/ul
RT: 12.663 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

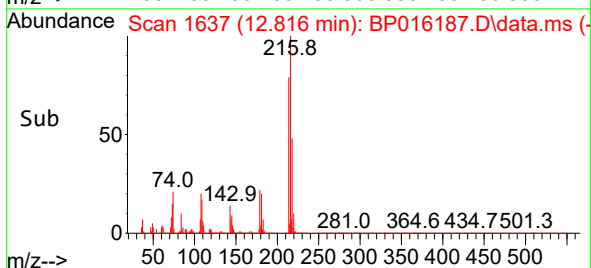
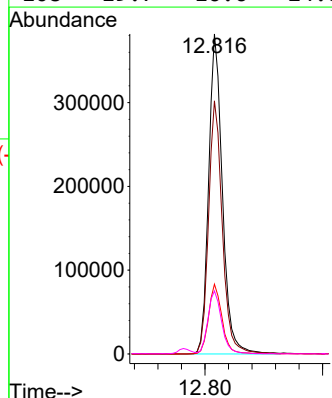
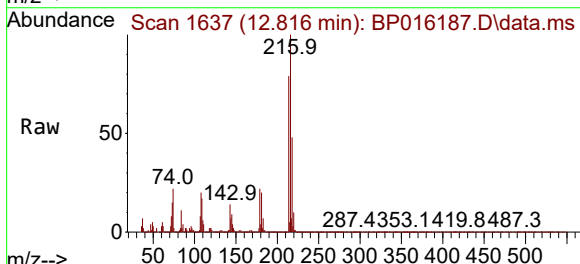
Instrument :
BNA_P
ClientSampleId :
SSTD040642

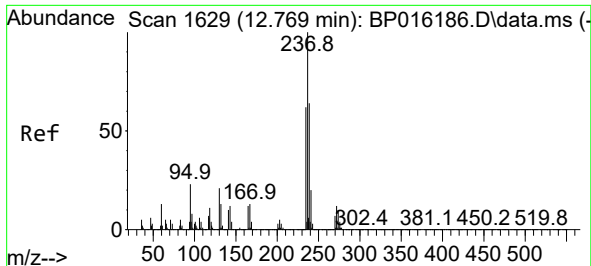
Tgt Ion:142 Resp: 1211708
Ion Ratio Lower Upper
142 100
141 93.7 73.4 110.2
116 4.4 3.5 5.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.365 ng/ul
RT: 12.816 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:216 Resp: 621223
Ion Ratio Lower Upper
216 100
214 79.1 61.3 91.9
179 21.8 16.9 25.3
108 19.7 16.6 24.8

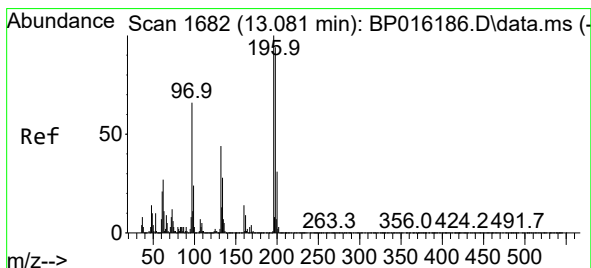
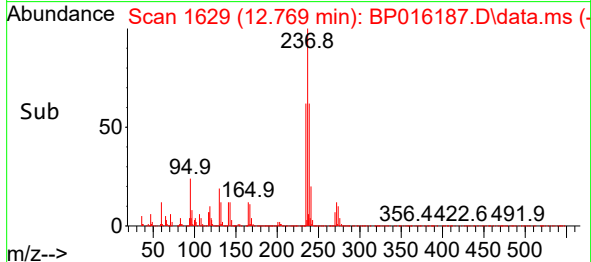
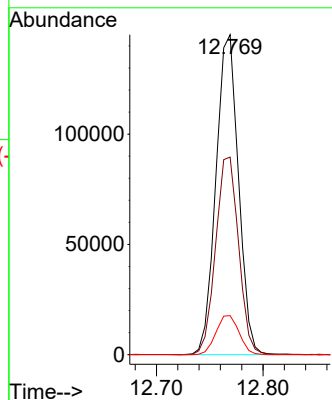
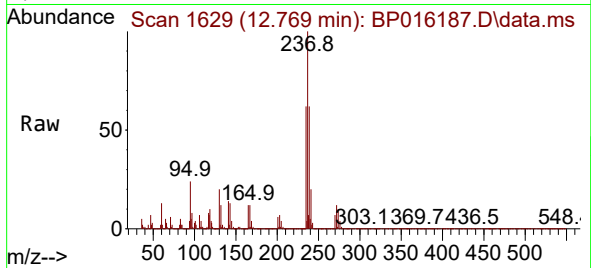




#40
Hexachlorocyclopentadiene
Concen: 41.698 ng/ul
RT: 12.769 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

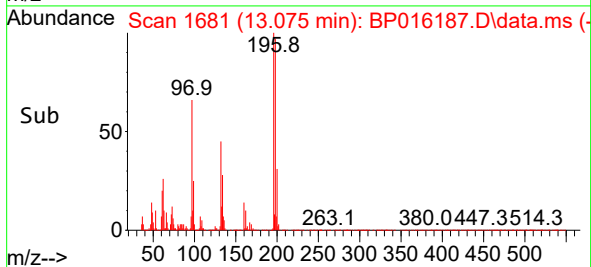
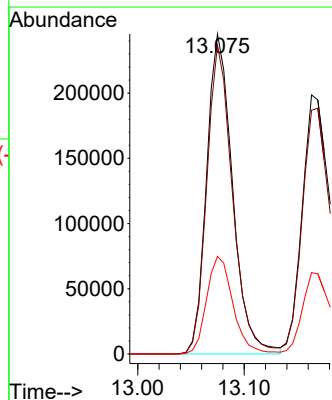
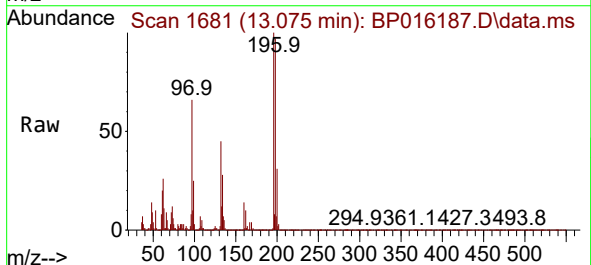
Instrument :
BNA_P
ClientSampleId :
SSTD040642

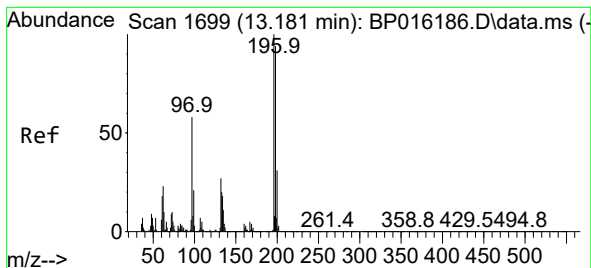
Tgt Ion:237 Resp: 213102
Ion Ratio Lower Upper
237 100
235 61.8 49.4 74.0
272 12.2 10.1 15.1



#41
2,4,6-Trichlorophenol
Concen: 38.532 ng/ul
RT: 13.075 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:196 Resp: 415996
Ion Ratio Lower Upper
196 100
198 96.5 75.1 112.7
200 30.5 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 37.922 ng/ul

RT: 13.163 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040642

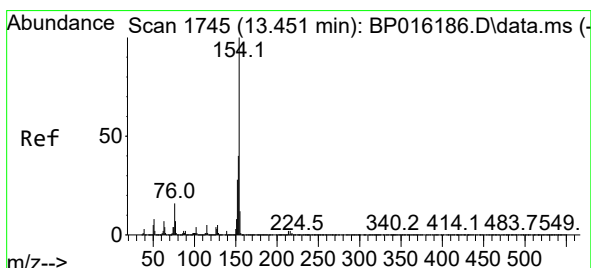
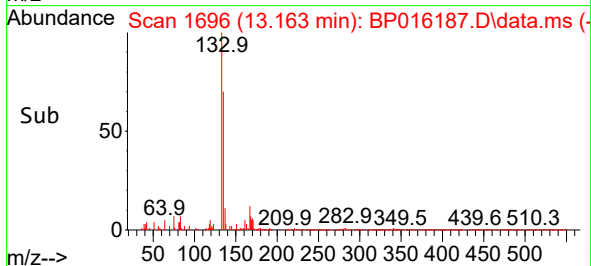
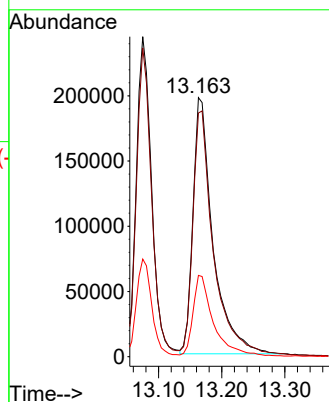
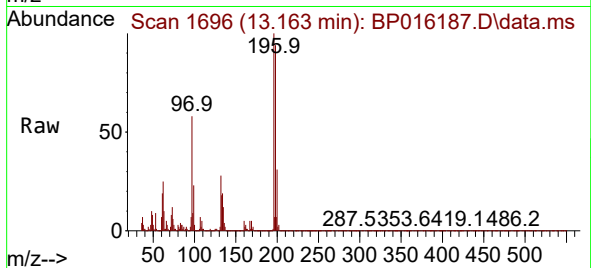
Tgt Ion:196 Resp: 434257

Ion Ratio Lower Upper

196 100

198 94.0 75.0 112.6

200 31.4 24.7 37.1



#43

1,1'-Biphenyl

Concen: 38.858 ng/ul

RT: 13.451 min Scan# 1745

Delta R.T. -0.000 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

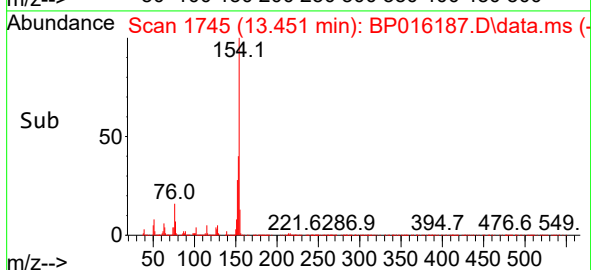
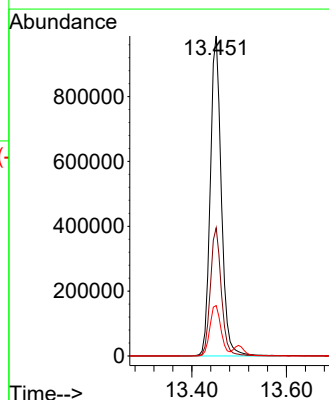
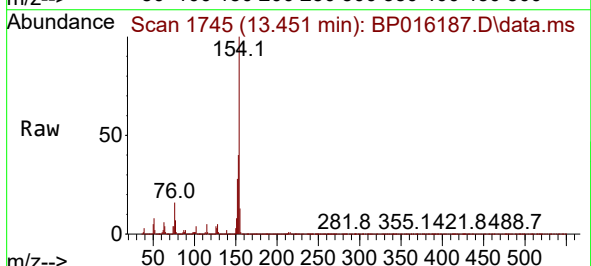
Tgt Ion:154 Resp: 1595502

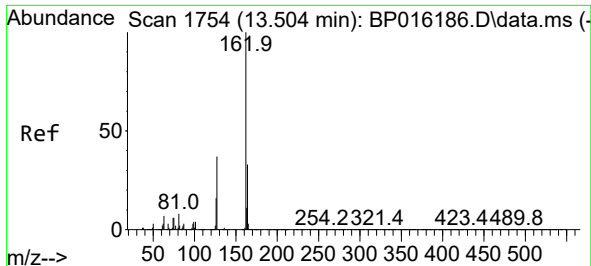
Ion Ratio Lower Upper

154 100

153 40.0 31.8 47.6

76 15.8 12.7 19.1

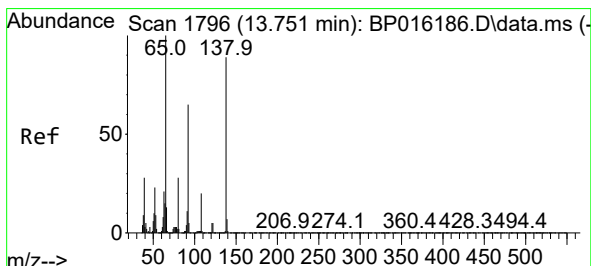
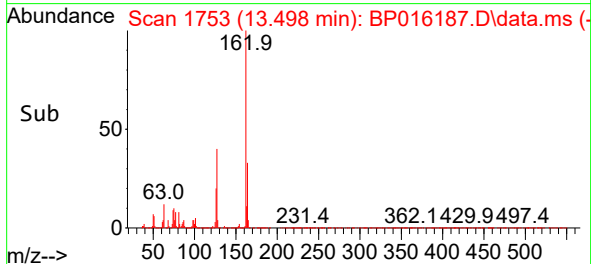
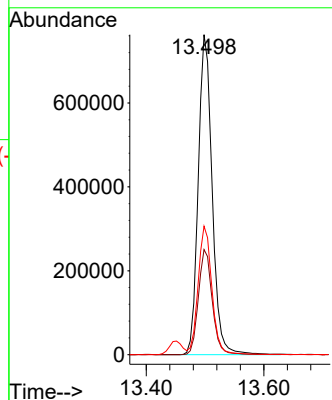
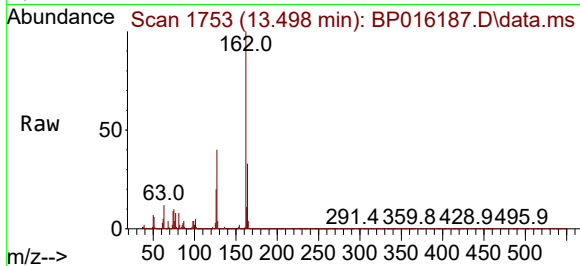




#44
2-Chloronaphthalene
Concen: 38.753 ng/ul
RT: 13.498 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

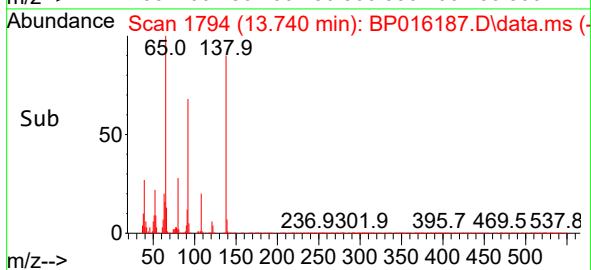
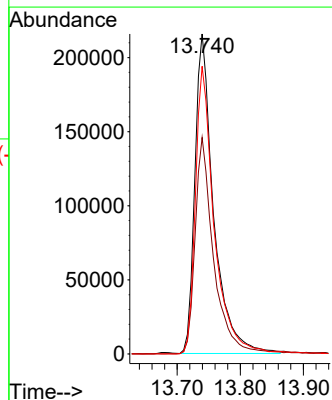
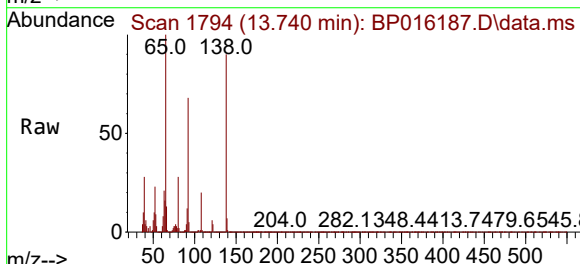
Instrument :
BNA_P
ClientSampleId :
SSTD040642

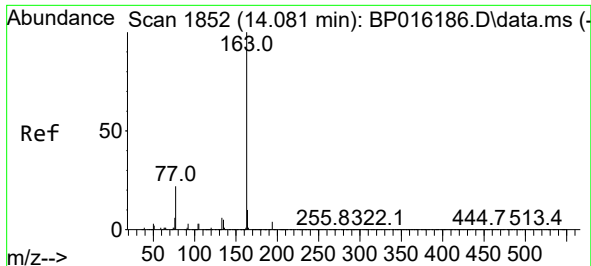
Tgt Ion:162 Resp: 1253500
Ion Ratio Lower Upper
162 100
164 32.9 26.0 39.0
127 40.1 32.1 48.1



#45
2-Nitroaniline
Concen: 43.752 ng/ul
RT: 13.740 min Scan# 1794
Delta R.T. -0.012 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion: 65 Resp: 445293
Ion Ratio Lower Upper
65 100
92 67.7 51.6 77.4
138 89.9 71.2 106.8

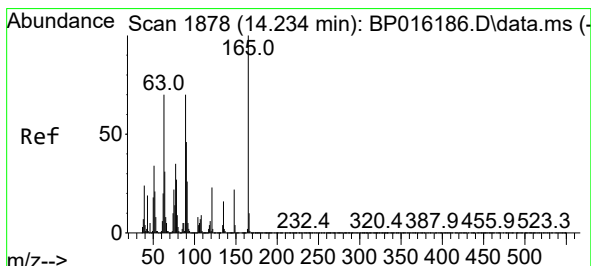
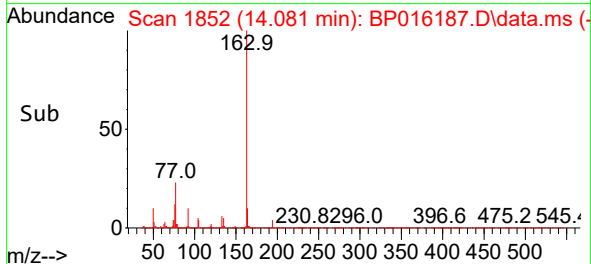
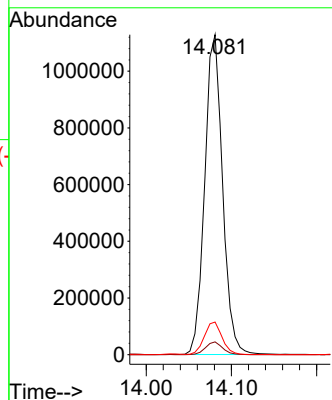
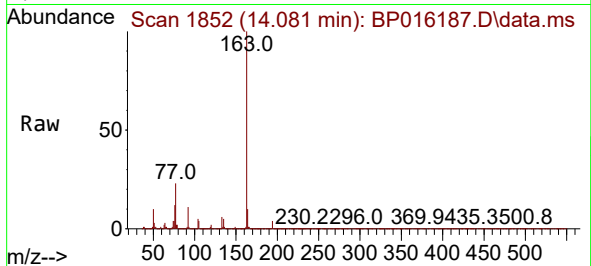




#47
Dimethylphthalate
Concen: 39.660 ng/ul
RT: 14.081 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

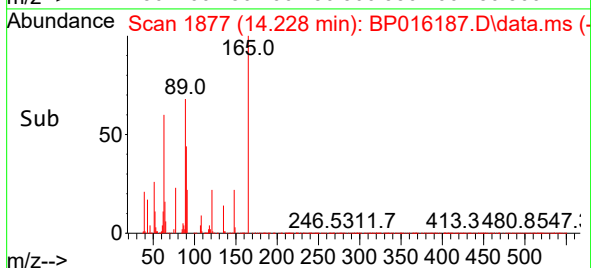
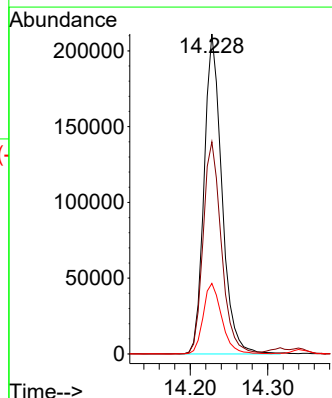
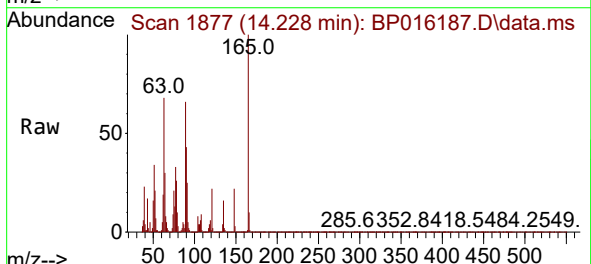
Instrument :
BNA_P
ClientSampleId :
SSTD040642

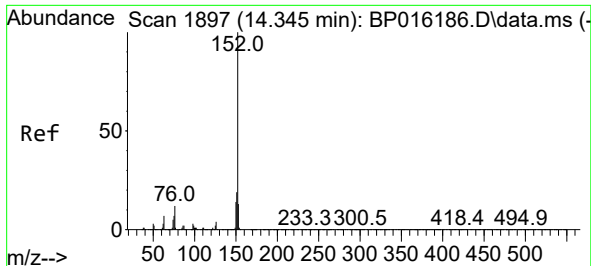
Tgt Ion:163 Resp: 1644569
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 40.031 ng/ul
RT: 14.228 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:165 Resp: 336717
Ion Ratio Lower Upper
165 100
89 66.3 56.0 84.0
121 22.1 18.4 27.6

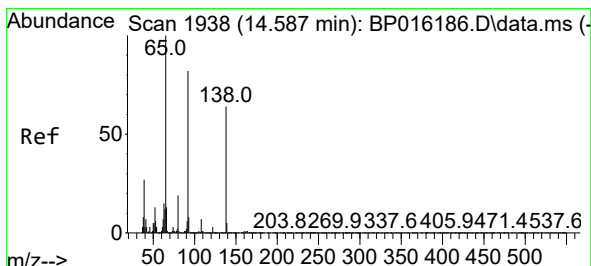
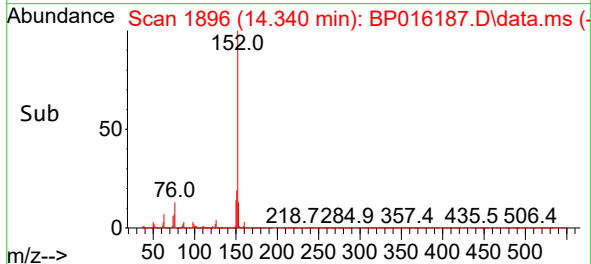
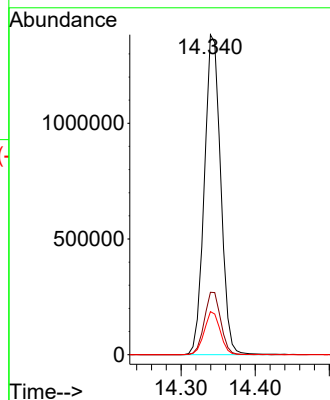
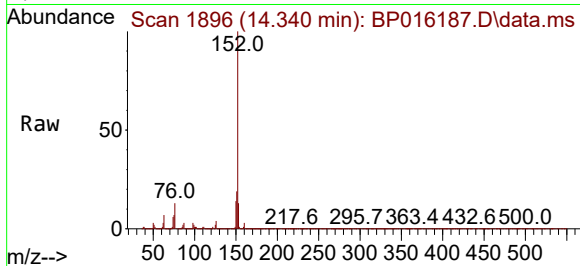




#50
Acenaphthylene
Concen: 42.691 ng/ul
RT: 14.340 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

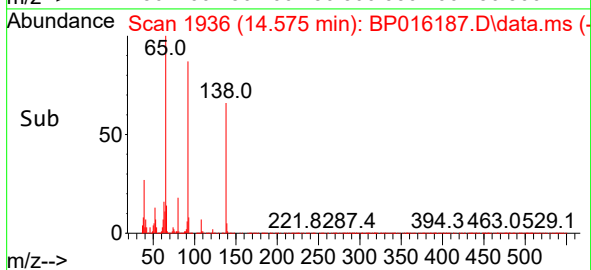
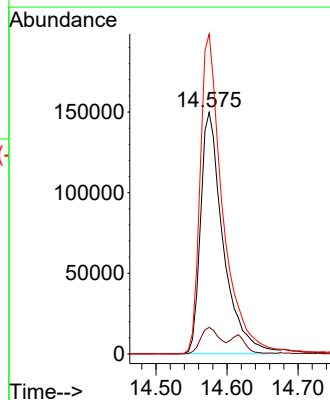
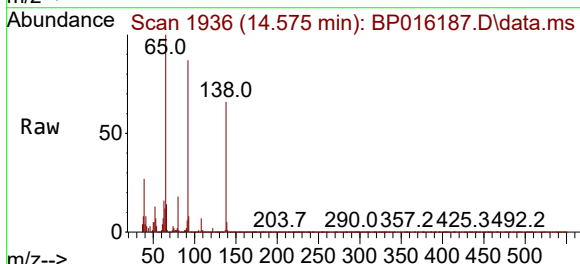
Instrument :
BNA_P
ClientSampleId :
SSTD040642

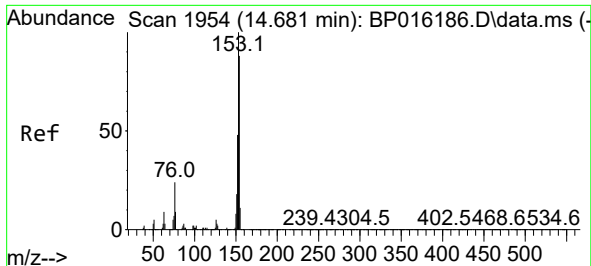
Tgt Ion:152 Resp: 2118729
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.2
153 13.5 10.2 15.4



#51
3-Nitroaniline
Concen: 50.243 ng/ul
RT: 14.575 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:138 Resp: 331405
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 132.4 102.6 153.8

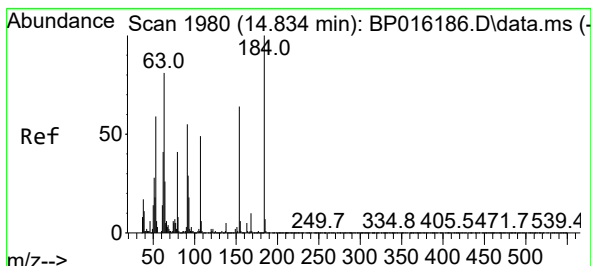
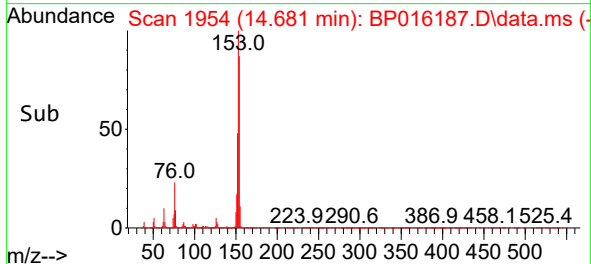
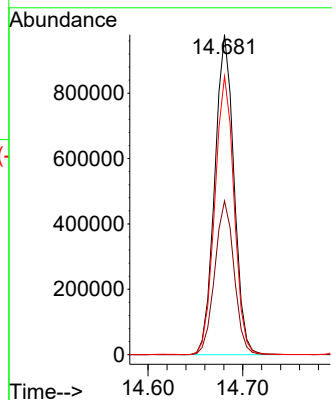
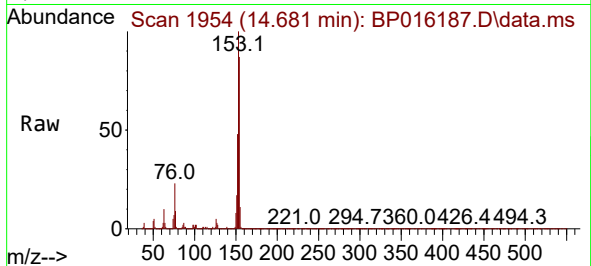




#52
Acenaphthene
Concen: 40.162 ng/ul
RT: 14.681 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

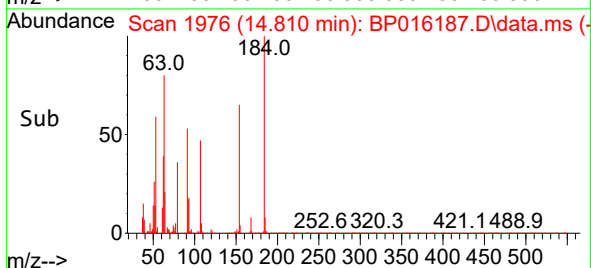
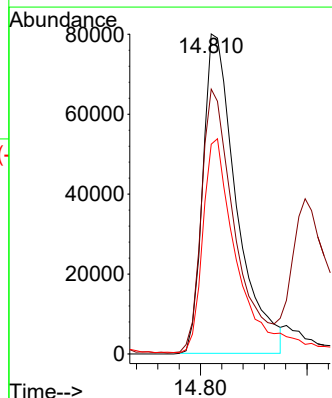
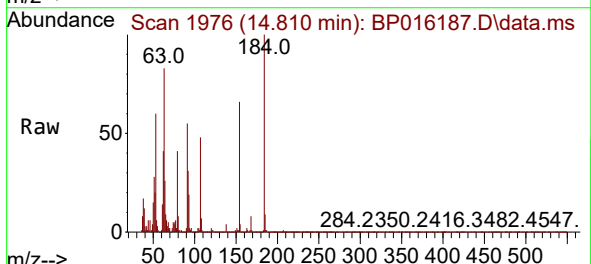
Instrument :
BNA_P
ClientSampleId :
SSTD040642

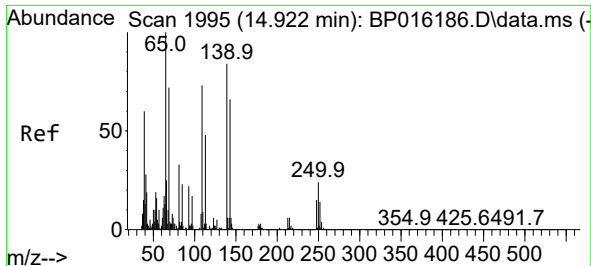
Tgt Ion:153 Resp: 1382176
Ion Ratio Lower Upper
153 100
152 48.0 38.4 57.6
154 87.0 70.3 105.5



#53
2,4-Dinitrophenol
Concen: 39.177 ng/ul
RT: 14.810 min Scan# 1976
Delta R.T. -0.024 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:184 Resp: 174832
Ion Ratio Lower Upper
184 100
63 82.7 65.4 98.2
154 65.5 51.8 77.8

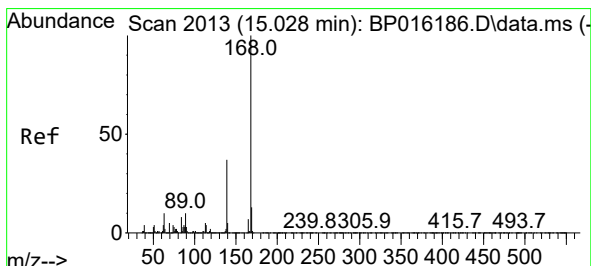
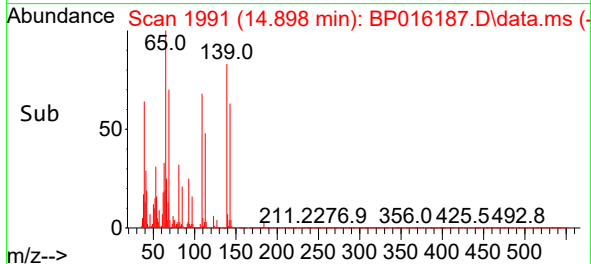
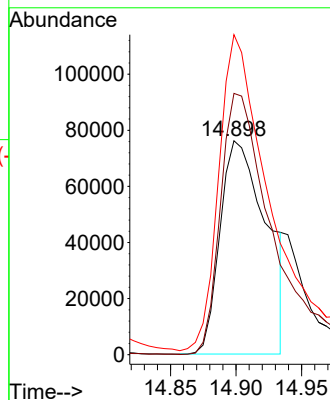
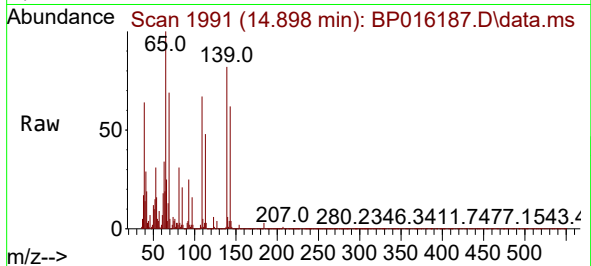




#55
4-Nitrophenol
Concen: 33.915 ng/ul
RT: 14.898 min Scan# 1991
Delta R.T. -0.024 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

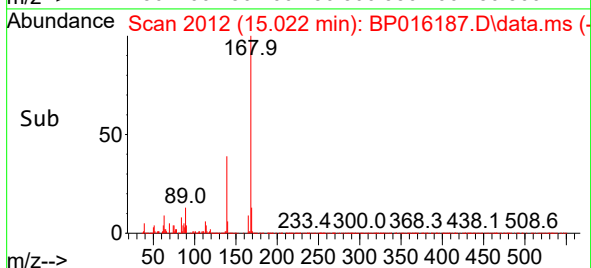
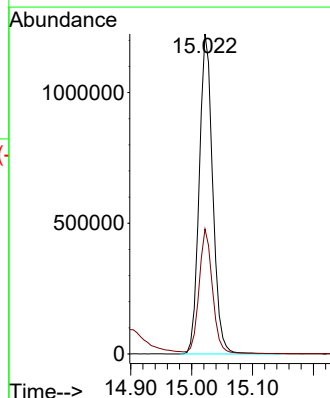
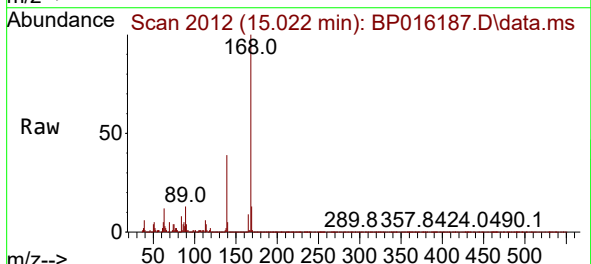
Instrument :
BNA_P
ClientSampleId :
SSTD040642

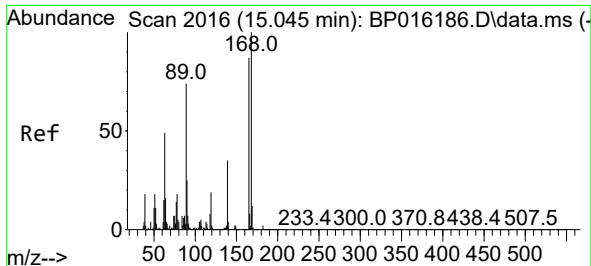
Tgt Ion:109 Resp: 185831
Ion Ratio Lower Upper
109 100
139 122.1 92.5 138.7
65 149.6 112.9 169.3



#56
Dibenzofuran
Concen: 39.283 ng/ul
RT: 15.022 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:168 Resp: 1876750
Ion Ratio Lower Upper
168 100
139 39.1 30.8 46.2

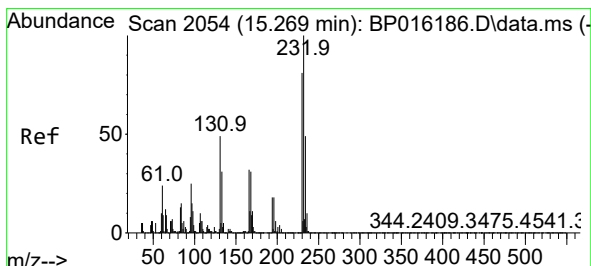
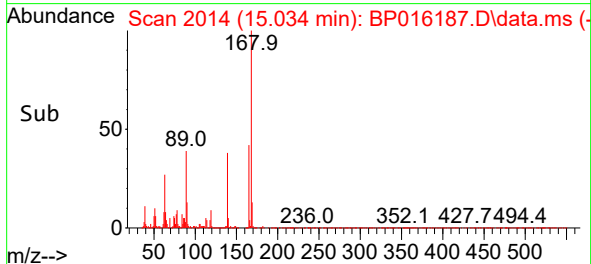
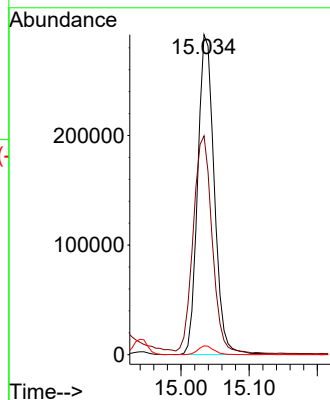
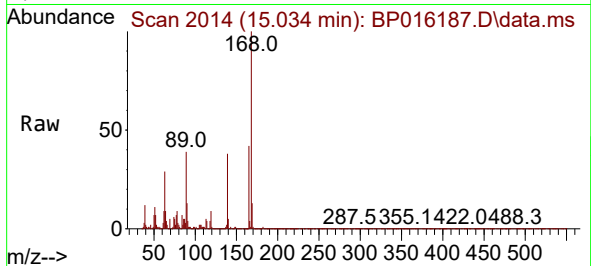




#57
2,4-Dinitrotoluene
Concen: 42.747 ng/ul
RT: 15.034 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

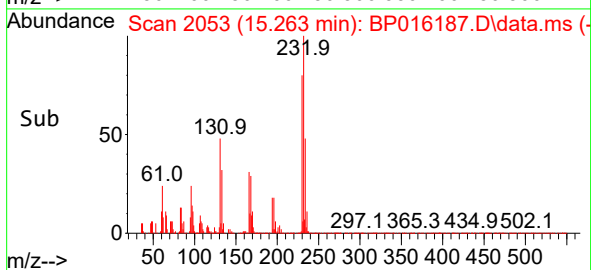
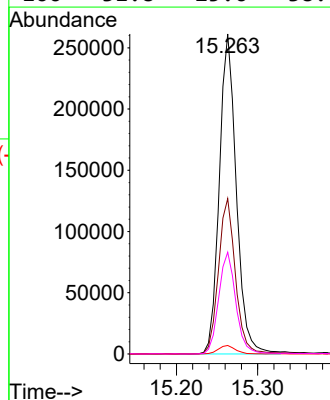
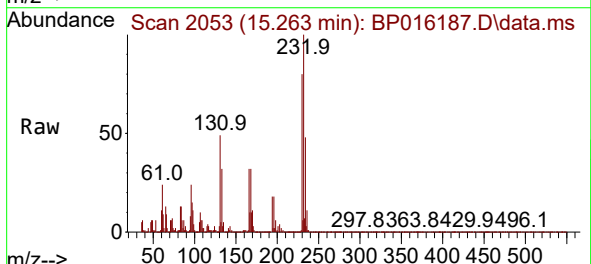
Instrument :
BNA_P
ClientSampleId :
SSTD040642

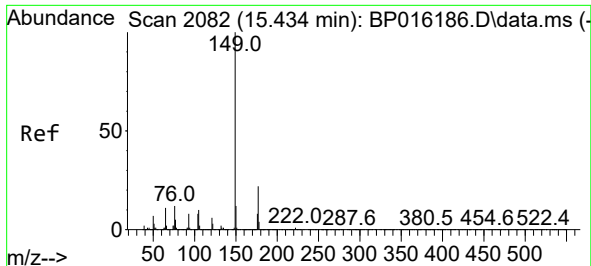
Tgt Ion:165 Resp: 489978
Ion Ratio Lower Upper
165 100
63 68.4 47.8 71.6
182 2.8 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 38.741 ng/ul
RT: 15.263 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:232 Resp: 381052
Ion Ratio Lower Upper
232 100
131 48.5 39.0 58.4
130 2.6 2.0 3.0
166 31.8 25.6 38.4

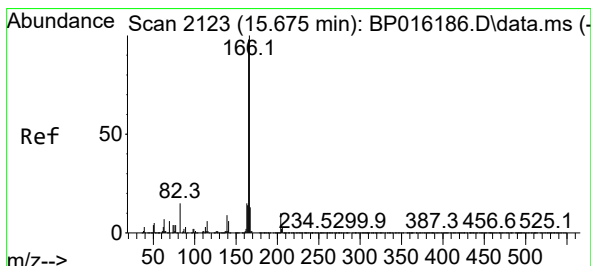
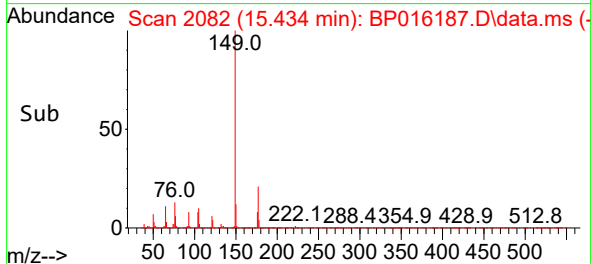
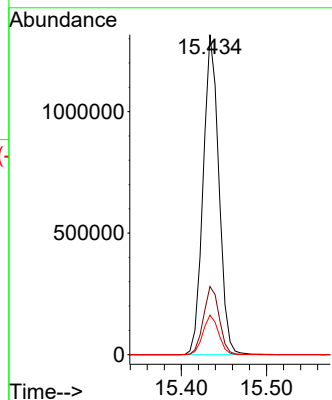
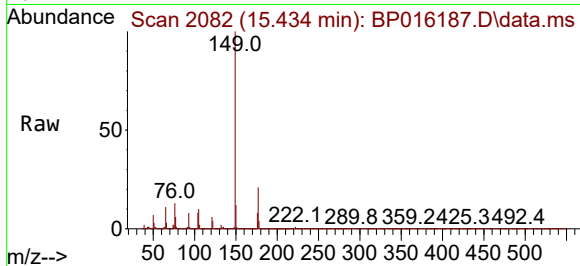




#59
Diethylphthalate
Concen: 40.121 ng/ul
RT: 15.434 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

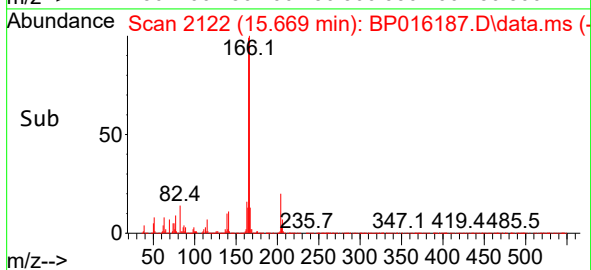
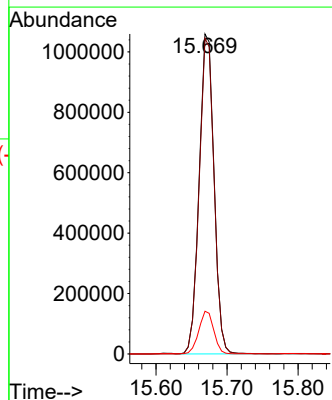
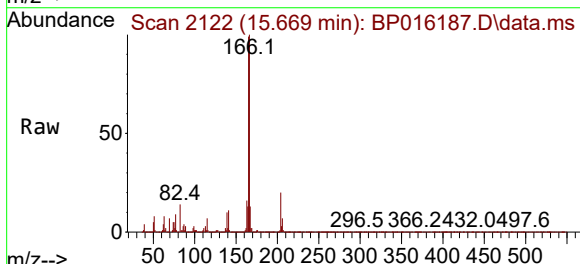
Instrument :
BNA_P
ClientSampleId :
SSTD040642

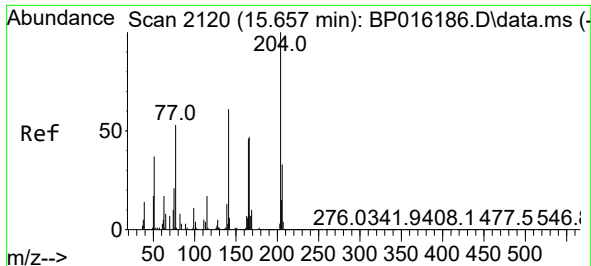
Tgt Ion:149 Resp: 1683600
Ion Ratio Lower Upper
149 100
177 21.3 17.4 26.0
150 12.4 9.9 14.9



#61
Fluorene
Concen: 39.880 ng/ul
RT: 15.669 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:166 Resp: 1545404
Ion Ratio Lower Upper
166 100
165 98.7 78.6 117.8
167 13.4 10.6 15.8

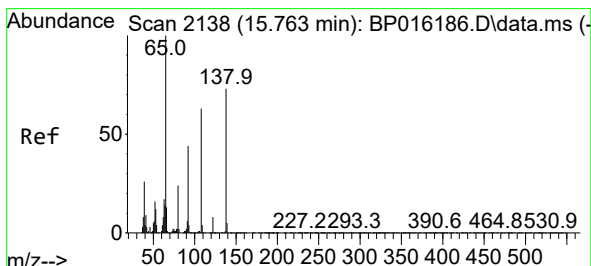
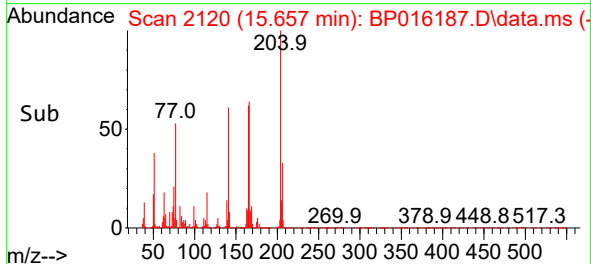
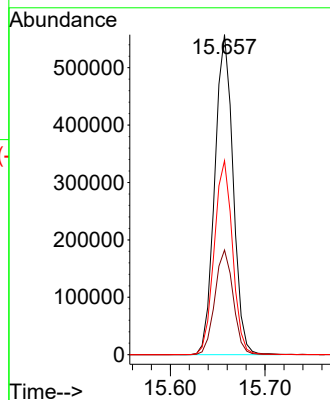
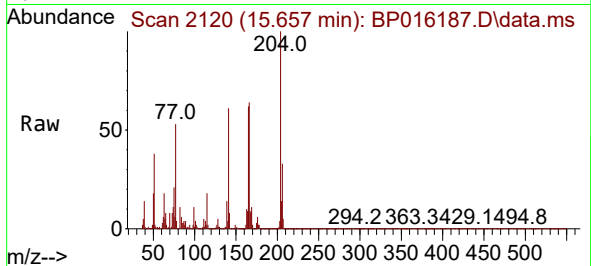




#62
4-Chlorophenyl-phenylether
Concen: 37.809 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

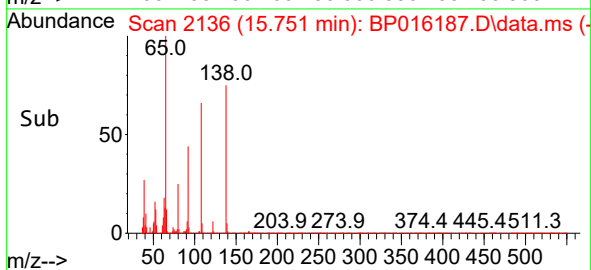
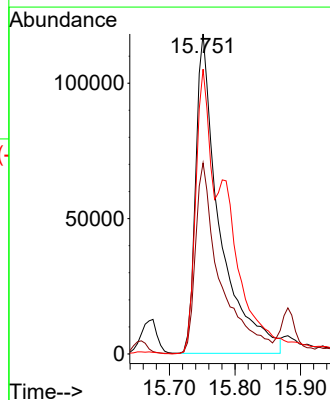
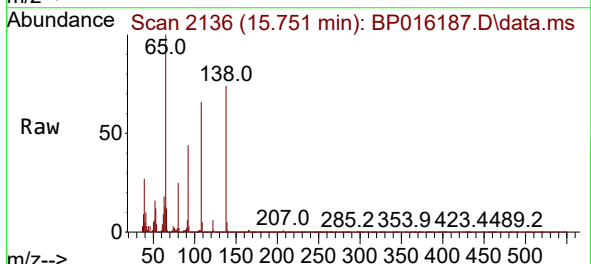
Instrument :
BNA_P
ClientSampleId :
SSTD040642

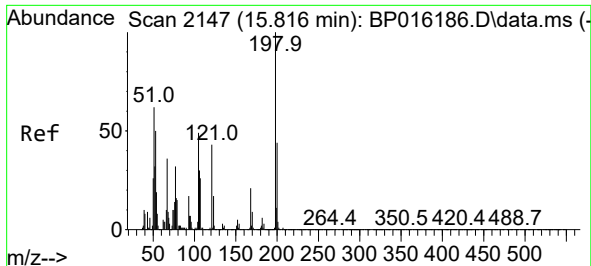
Tgt Ion:204 Resp: 749695
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 60.6 48.6 73.0



#63
4-Nitroaniline
Concen: 66.210 ng/ul
RT: 15.751 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:138 Resp: 298905
Ion Ratio Lower Upper
138 100
92 59.7 47.9 71.9
108 89.0 68.6 103.0

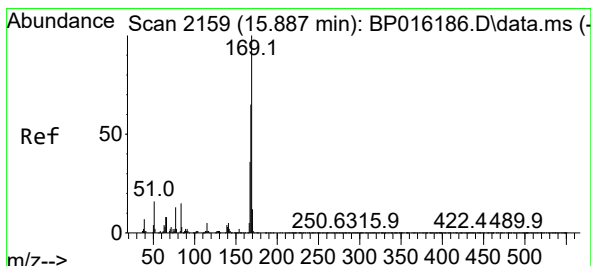
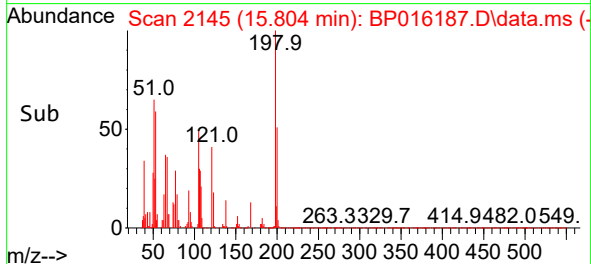
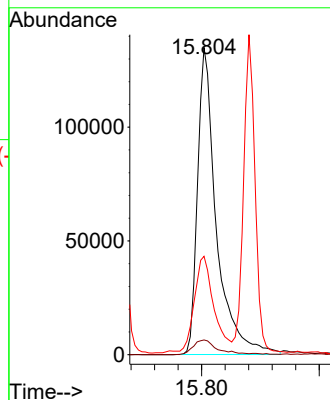
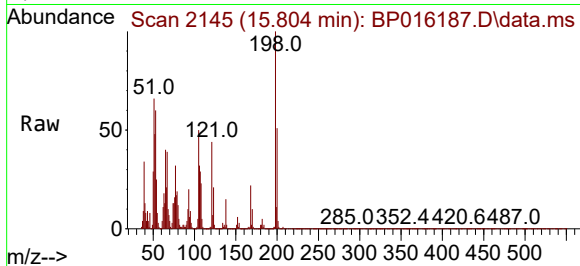




#66
 4,6-Dinitro-2-methylphenol
 Concen: 41.923 ng/ul
 RT: 15.804 min Scan# 2145
 Delta R.T. -0.012 min
 Lab File: BP016187.D
 Acq: 11 Jul 2023 18:17

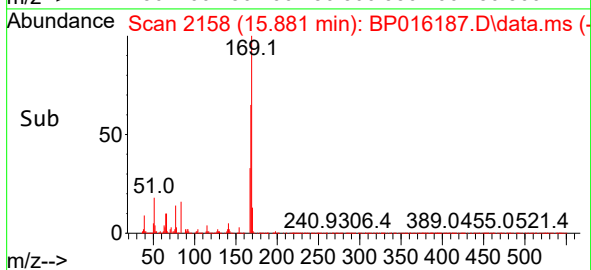
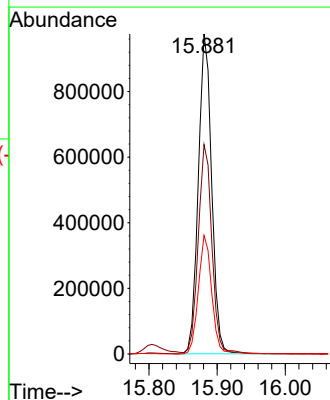
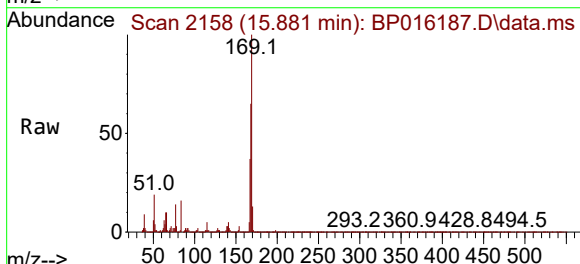
Instrument :
 BNA_P
 ClientSampleId :
 SSTD040642

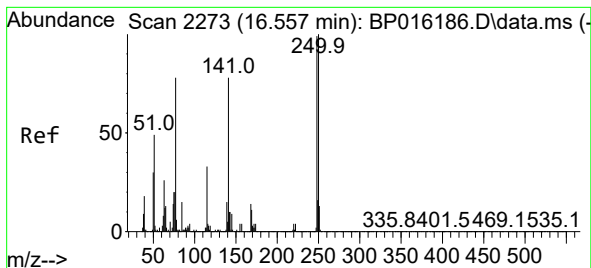
Tgt Ion:198 Resp: 300153
 Ion Ratio Lower Upper
 198 100
 182 4.8 4.9 7.3#
 77 32.0 27.1 40.7



#67
 N-Nitrosodiphenylamine
 Concen: 38.366 ng/ul
 RT: 15.881 min Scan# 2158
 Delta R.T. -0.006 min
 Lab File: BP016187.D
 Acq: 11 Jul 2023 18:17

Tgt Ion:169 Resp: 1321552
 Ion Ratio Lower Upper
 169 100
 168 65.5 53.0 79.4
 167 37.0 29.0 43.4

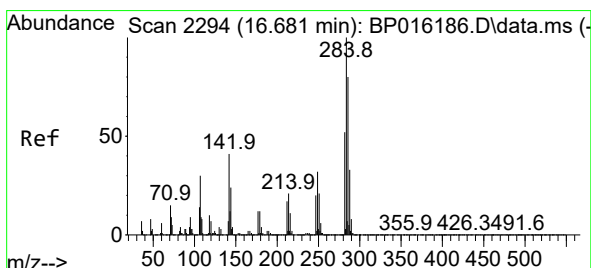
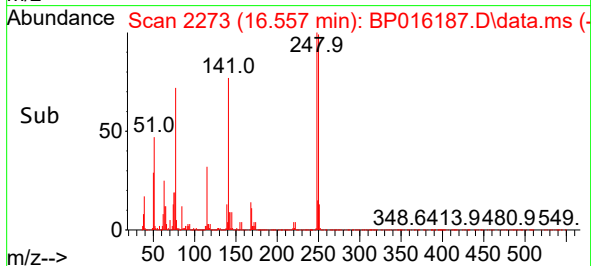
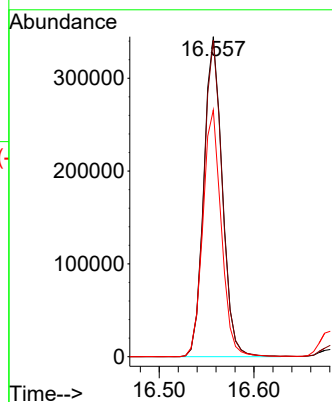
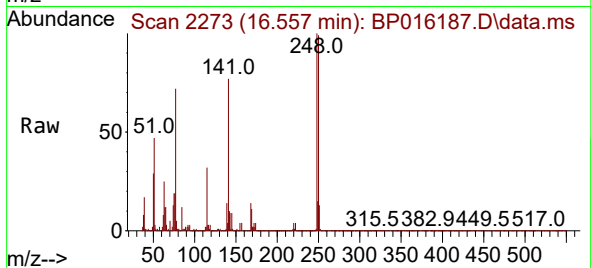




#68
4-Bromophenyl-phenylether
Concen: 35.449 ng/ul
RT: 16.557 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

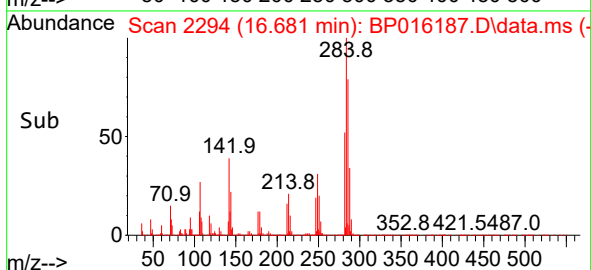
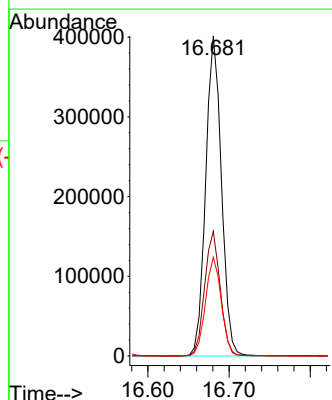
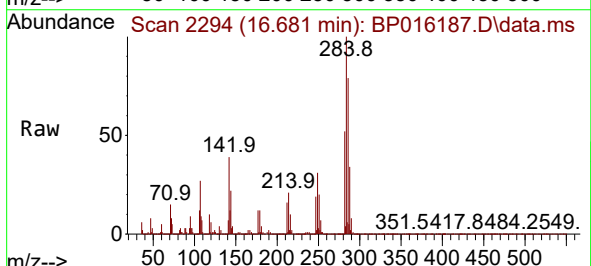
Instrument :
BNA_P
ClientSampleId :
SSTD040642

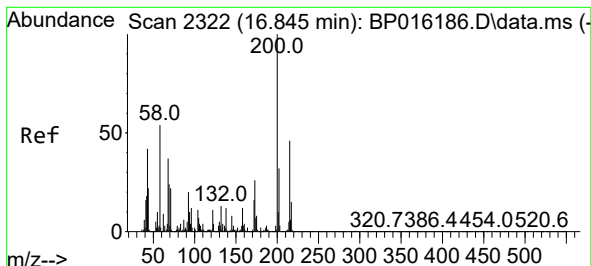
Tgt Ion:248 Resp: 465781
Ion Ratio Lower Upper
248 100
250 98.9 80.6 120.8
141 77.1 62.6 94.0



#69
Hexachlorobenzene
Concen: 34.905 ng/ul
RT: 16.681 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:284 Resp: 541163
Ion Ratio Lower Upper
284 100
142 39.0 32.8 49.2
249 30.8 25.6 38.4





#70

Atrazine

Concen: 38.083 ng/ul

RT: 16.845 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040642

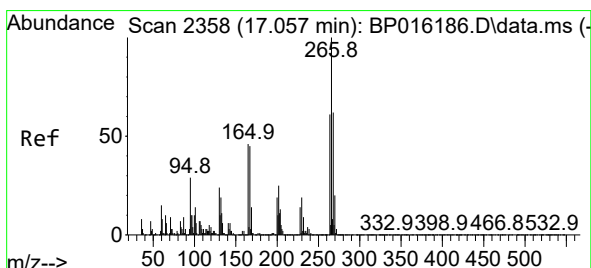
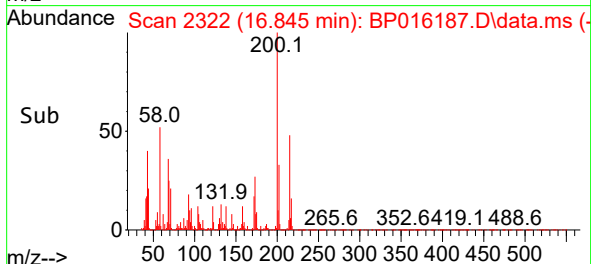
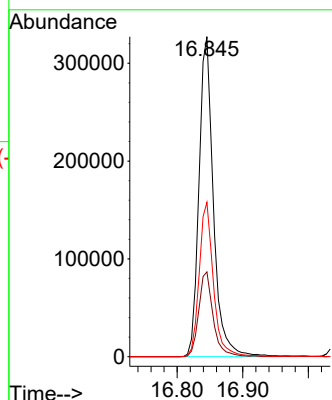
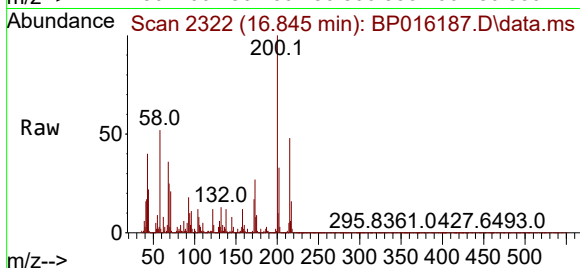
Tgt Ion:200 Resp: 502150

Ion Ratio Lower Upper

200 100

173 26.5 20.7 31.1

215 48.2 36.9 55.3



#71

Pentachlorophenol

Concen: 35.911 ng/ul

RT: 17.045 min Scan# 2356

Delta R.T. -0.012 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

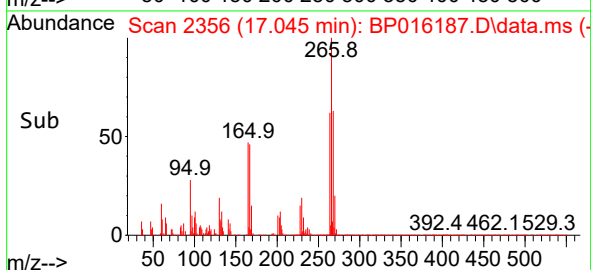
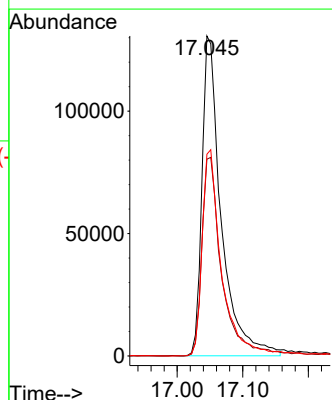
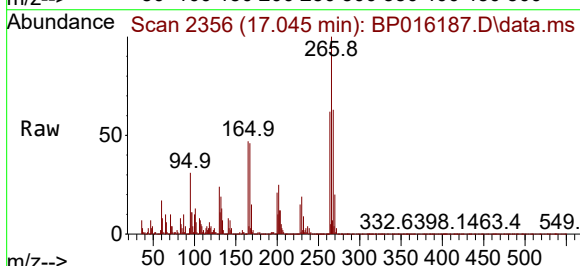
Tgt Ion:266 Resp: 267214

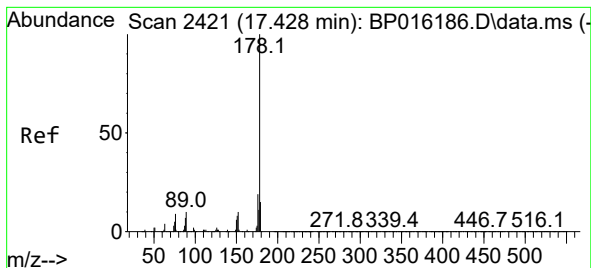
Ion Ratio Lower Upper

266 100

264 61.5 48.9 73.3

268 63.0 49.7 74.5





#72

Phenanthrene

Concen: 39.589 ng/ul

RT: 17.428 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040642

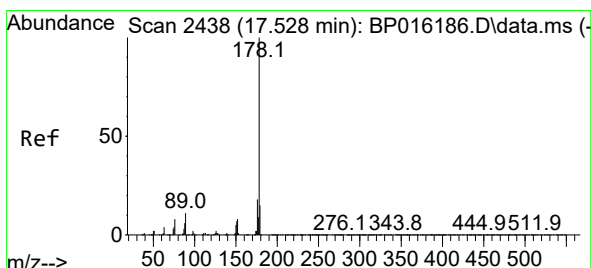
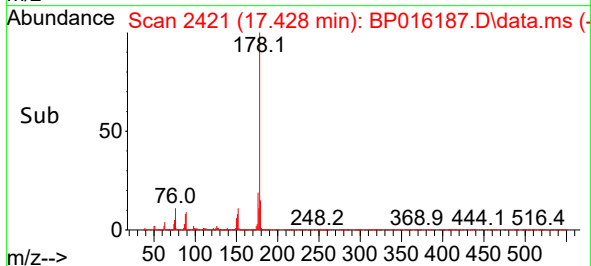
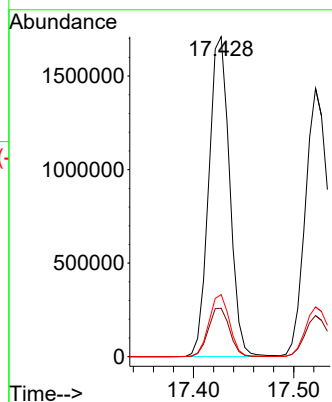
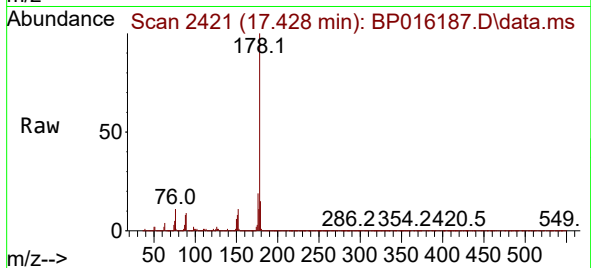
Tgt Ion:178 Resp: 2474695

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 19.4 15.5 23.3



#74

Anthracene

Concen: 40.428 ng/ul

RT: 17.522 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

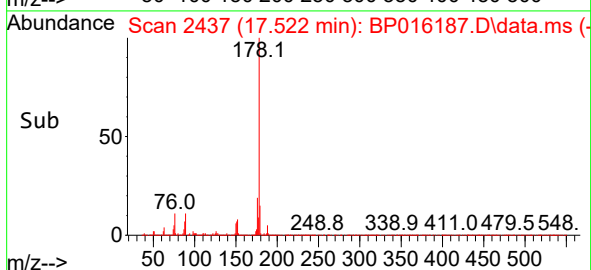
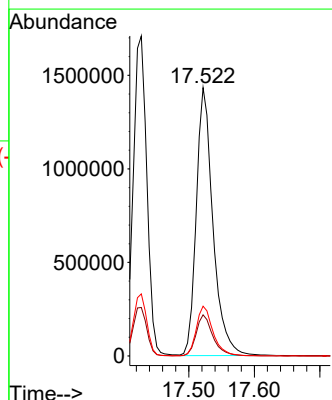
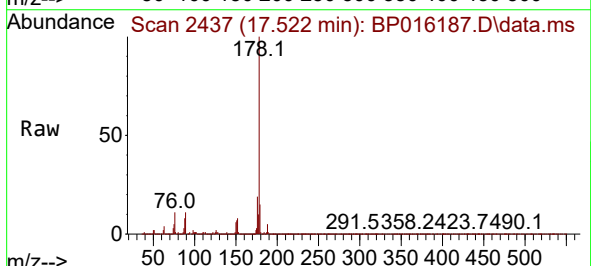
Tgt Ion:178 Resp: 2539331

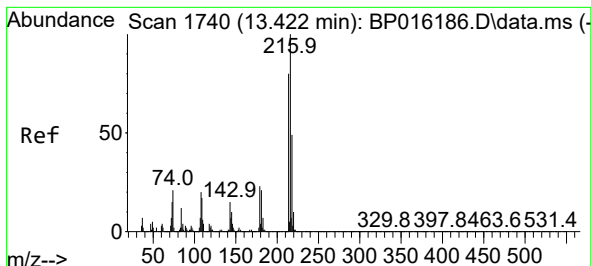
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 18.6 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.306 ng/uL

RT: 13.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040642

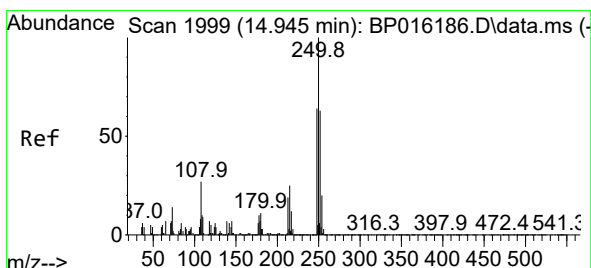
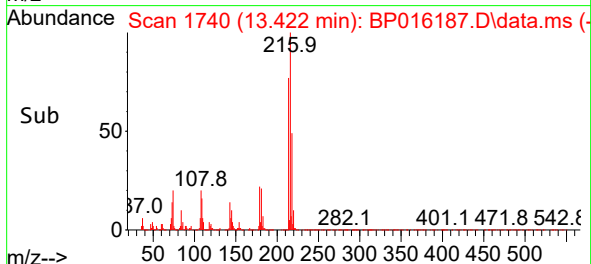
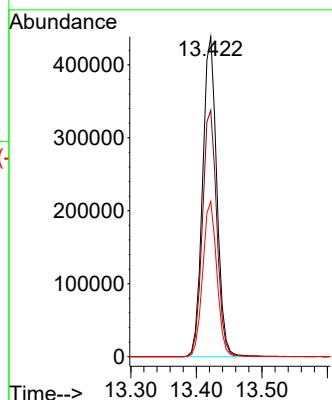
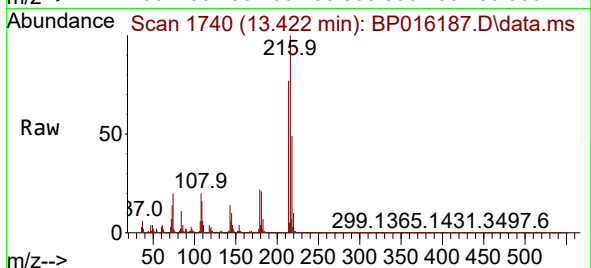
Tgt Ion:216 Resp: 661034

Ion Ratio Lower Upper

216 100

214 77.0 63.6 95.4

218 48.5 39.4 59.0



#76

Pentachlorobenzene

Concen: 31.801 ng/uL

RT: 14.940 min Scan# 1998

Delta R.T. -0.006 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

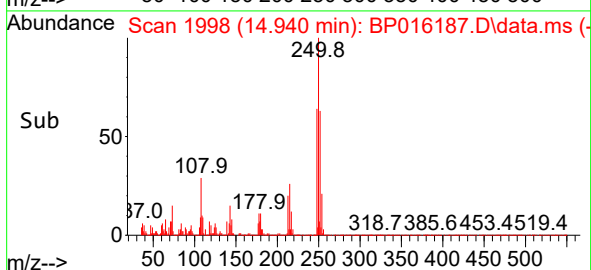
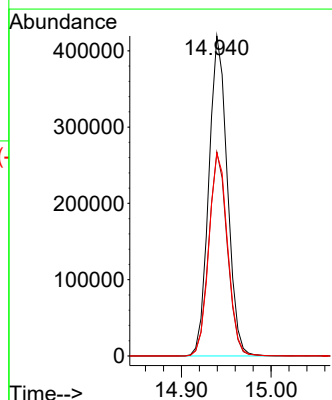
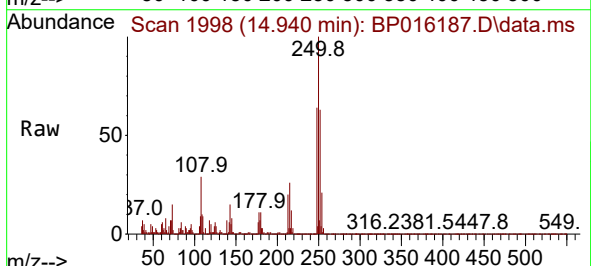
Tgt Ion:250 Resp: 600939

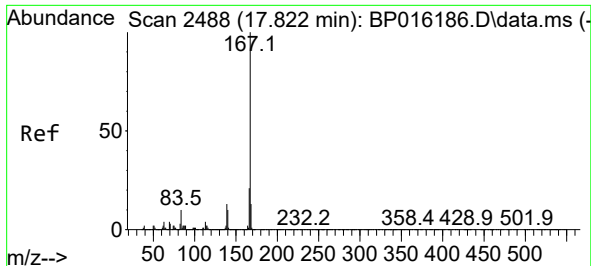
Ion Ratio Lower Upper

250 100

248 63.7 50.9 76.3

252 63.3 50.3 75.5

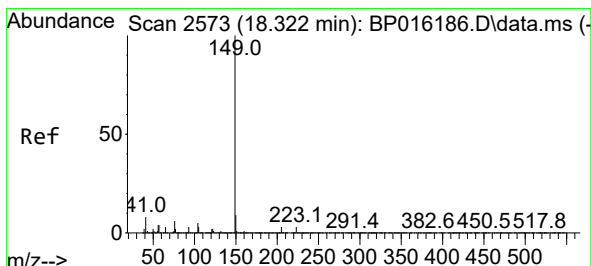
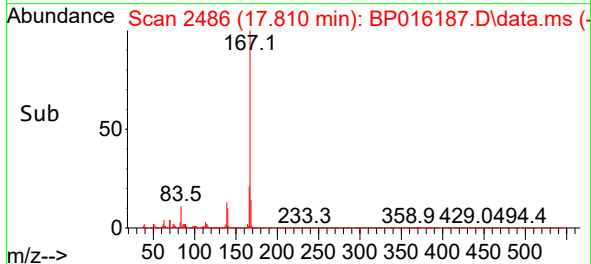
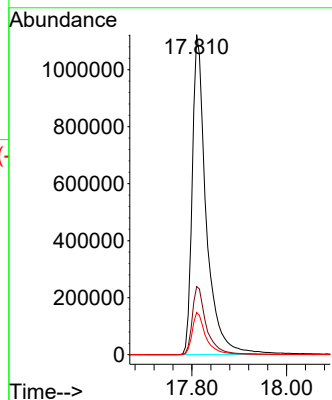
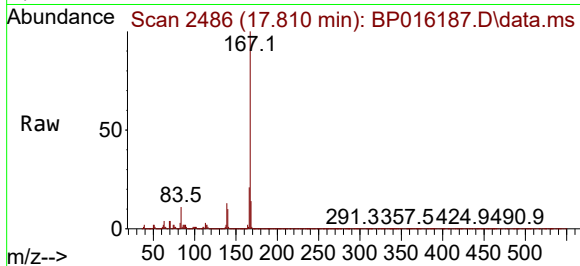




#77
 Carbazole
 Concen: 43.519 ng/ul
 RT: 17.810 min Scan# 2486
 Delta R.T. -0.012 min
 Lab File: BP016187.D
 Acq: 11 Jul 2023 18:17

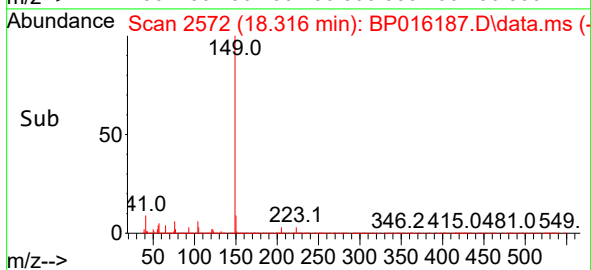
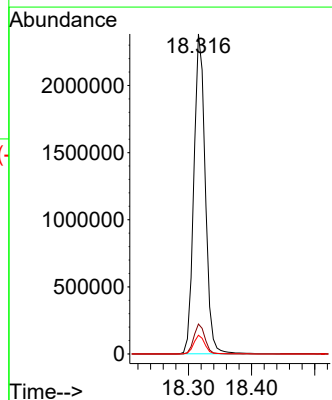
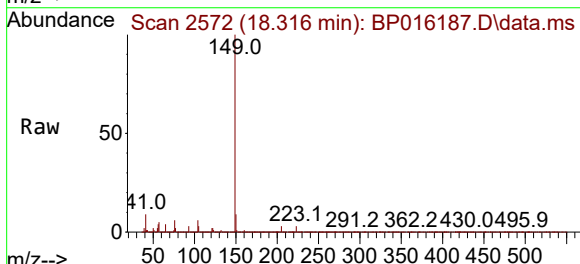
Instrument :
 BNA_P
 ClientSampleId :
 SSTD040642

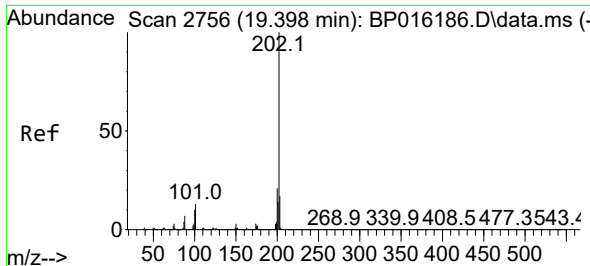
Tgt Ion:167 Resp: 2303928
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.5 24.7
 139 13.2 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 42.555 ng/ul
 RT: 18.316 min Scan# 2572
 Delta R.T. -0.006 min
 Lab File: BP016187.D
 Acq: 11 Jul 2023 18:17

Tgt Ion:149 Resp: 2986684
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.9 4.4 6.6

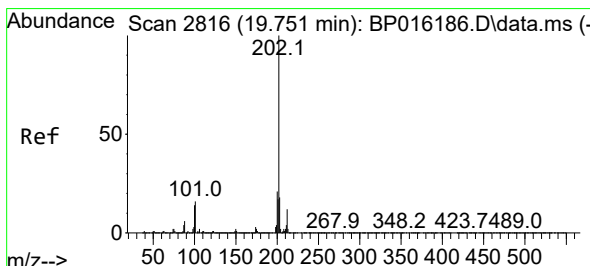
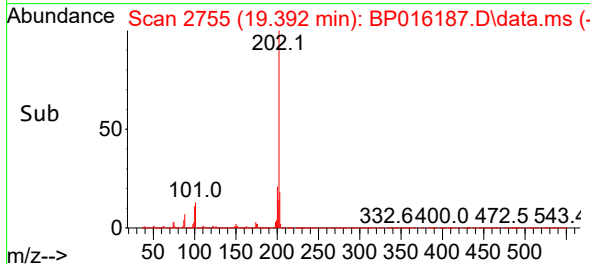
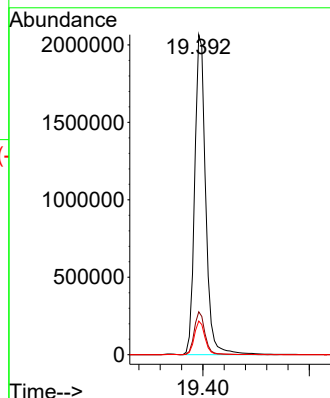
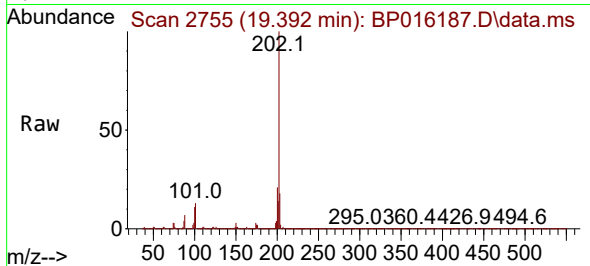




#80
Fluoranthene
Concen: 32.547 ng/ul
RT: 19.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

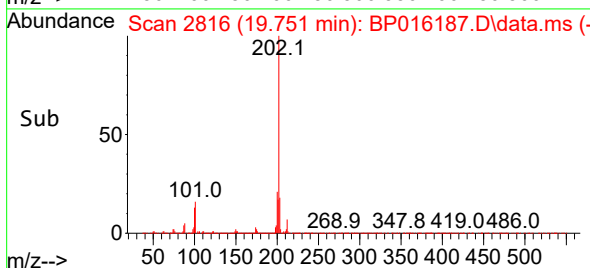
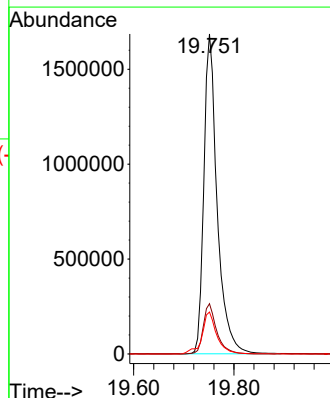
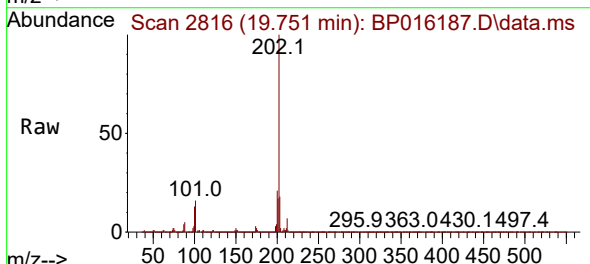
Instrument :
BNA_P
ClientSampleId :
SSTD040642

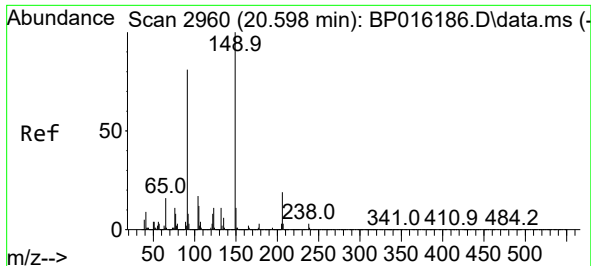
Tgt Ion:202 Resp: 2944734
Ion Ratio Lower Upper
202 100
101 13.4 10.4 15.6
100 10.5 8.1 12.1



#82
Pyrene
Concen: 33.658 ng/ul
RT: 19.751 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:202 Resp: 3106385
Ion Ratio Lower Upper
202 100
101 15.7 12.6 19.0
100 13.1 10.9 16.3

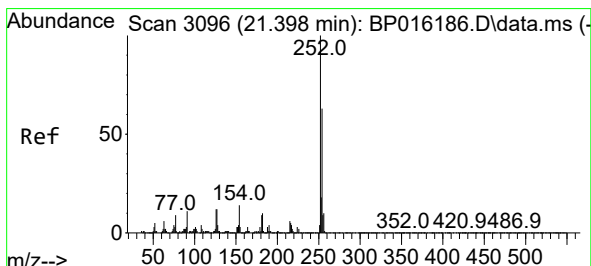
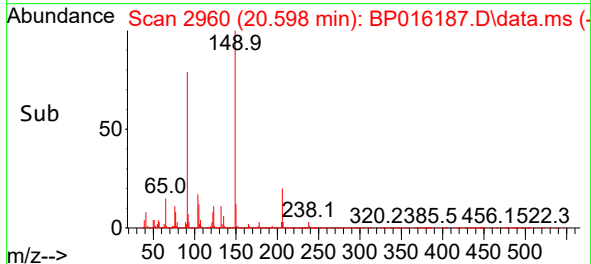
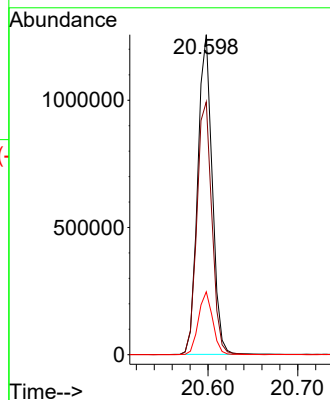
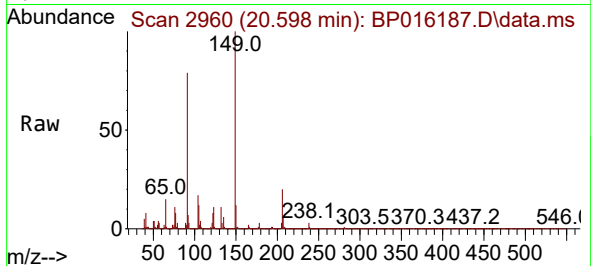




#83
Butylbenzylphthalate
Concen: 37.228 ng/ul
RT: 20.598 min Scan# 2960
Delta R.T. -0.000 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

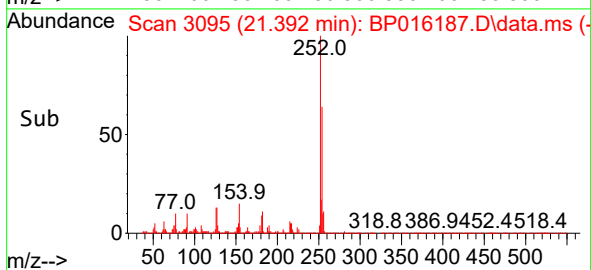
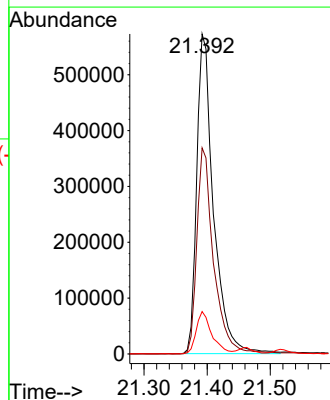
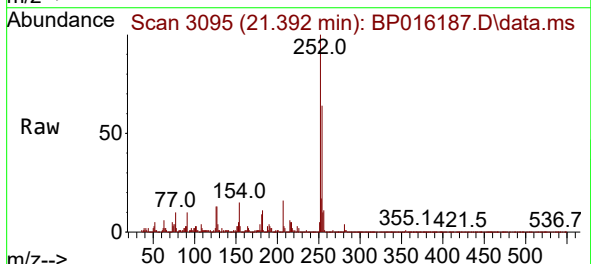
Instrument :
BNA_P
ClientSampleId :
SSTD040642

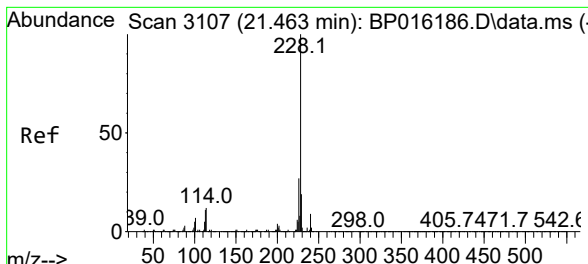
Tgt Ion:149 Resp: 1401740
Ion Ratio Lower Upper
149 100
91 79.0 64.6 96.8
206 19.7 15.1 22.7



#84
3,3'-Dichlorobenzidine
Concen: 41.875 ng/ul
RT: 21.392 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BP016187.D
Acq: 11 Jul 2023 18:17

Tgt Ion:252 Resp: 1055383
Ion Ratio Lower Upper
252 100
254 64.4 50.2 75.2
126 13.3 9.5 14.3



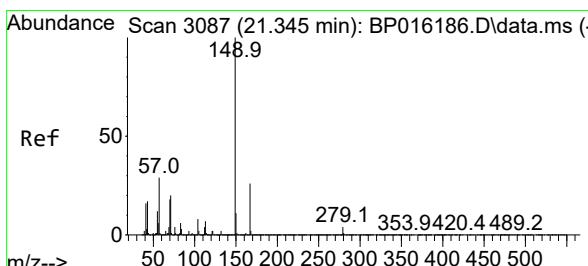
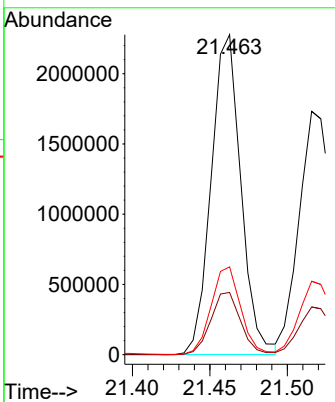
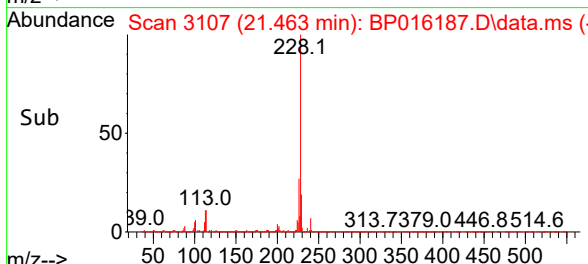
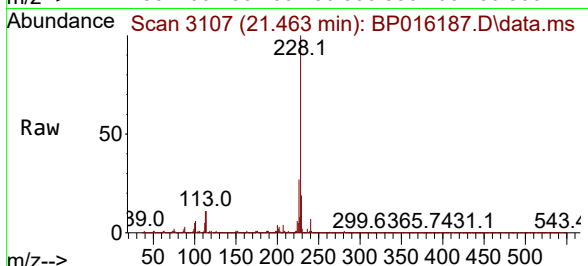


#85
 Benzo(a)anthracene
 Concen: 38.763 ng/ul
 RT: 21.463 min Scan# 3107
 Delta R.T. -0.000 min
 Lab File: BP016187.D
 Acq: 11 Jul 2023 18:17

Instrument :
 BNA_P
 ClientSampleId :
 SSTD040642

Tgt Ion:228 Resp: 3040105

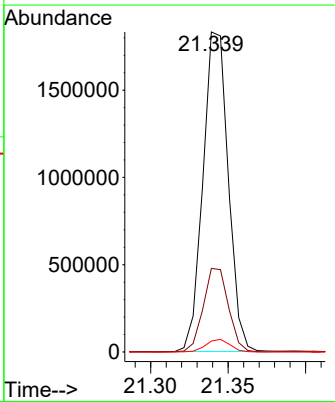
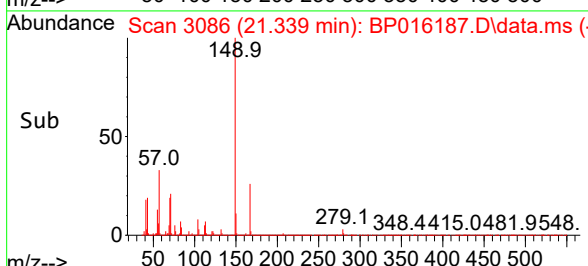
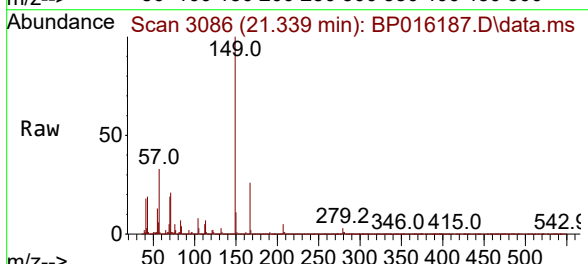
Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.5	23.3
226	27.4	21.8	32.6

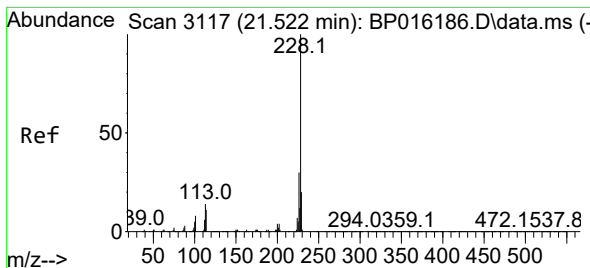


#86
 Bis(2-ethylhexyl)phthalate
 Concen: 40.157 ng/ul
 RT: 21.339 min Scan# 3086
 Delta R.T. -0.006 min
 Lab File: BP016187.D
 Acq: 11 Jul 2023 18:17

Tgt Ion:149 Resp: 2077966

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	3.4	3.4	5.0





#87

Chrysene

Concen: 40.140 ng/ul

RT: 21.516 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040642

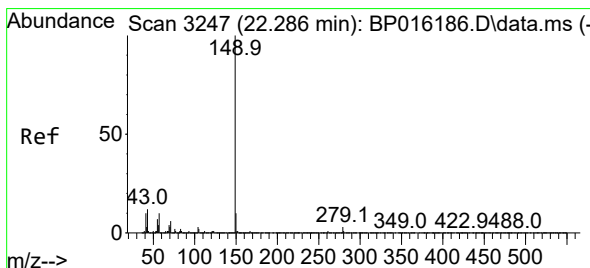
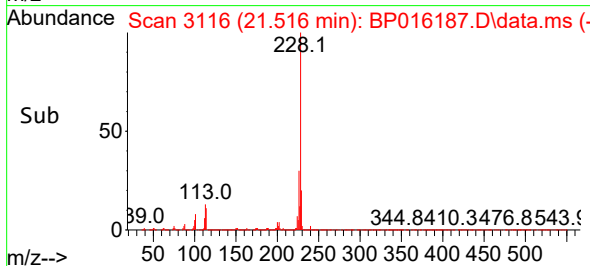
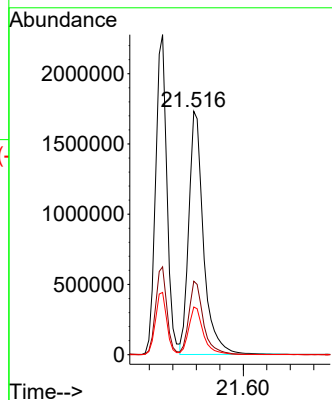
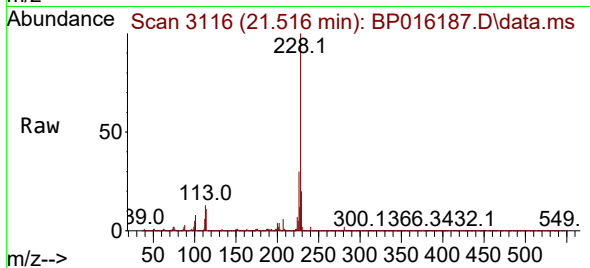
Tgt Ion:228 Resp: 2986782

Ion Ratio Lower Upper

228 100

226 30.2 23.5 35.3

229 19.6 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 38.303 ng/ul

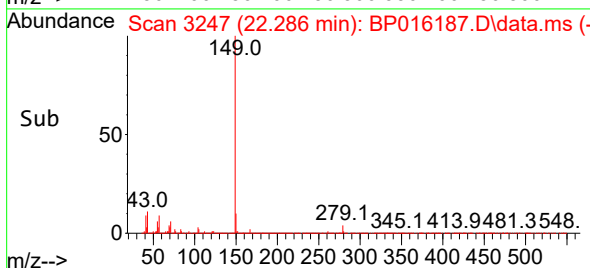
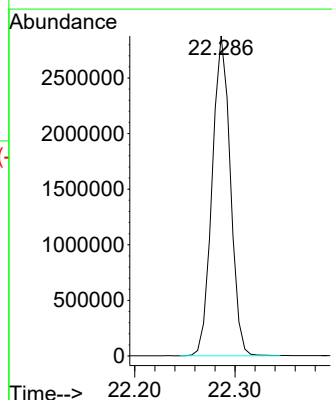
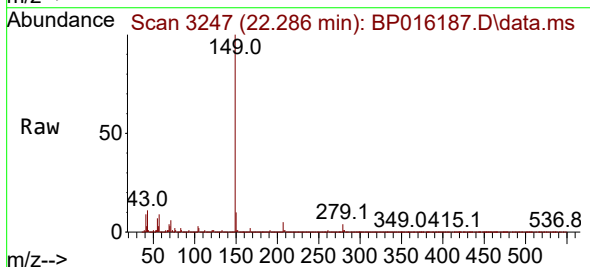
RT: 22.286 min Scan# 3247

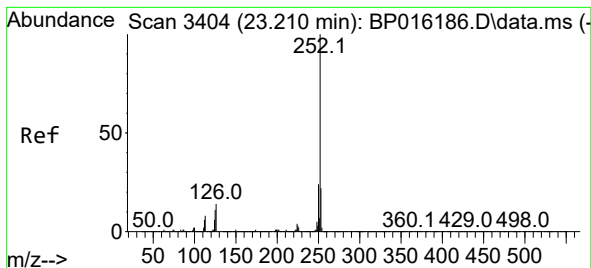
Delta R.T. -0.000 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

Tgt Ion:149 Resp: 3630925





#90

Benzo(b)fluoranthene

Concen: 37.136 ng/ul

RT: 23.204 min Scan# 3404

Delta R.T. -0.006 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040642

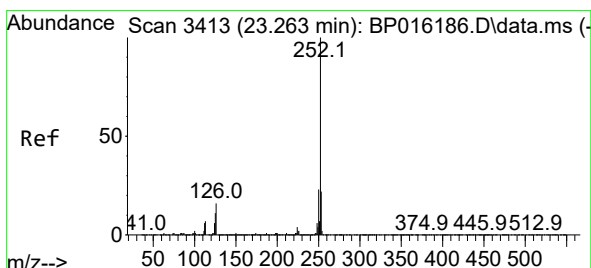
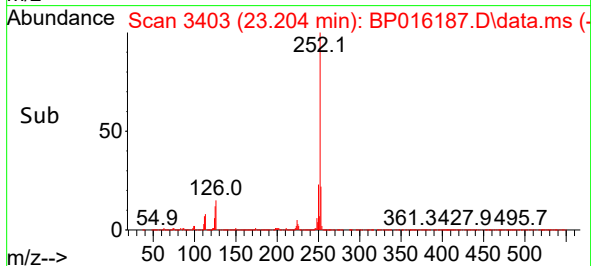
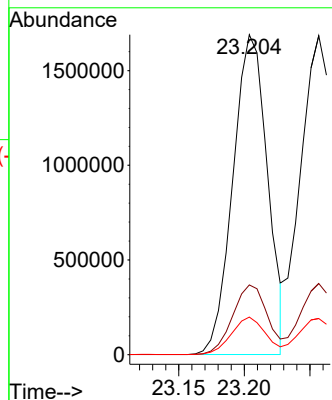
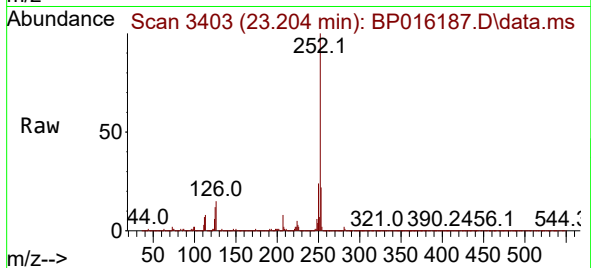
Tgt Ion:252 Resp: 3095110

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 11.8 9.1 13.7



#91

Benzo(k)fluoranthene

Concen: 38.514 ng/ul

RT: 23.257 min Scan# 3412

Delta R.T. -0.006 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

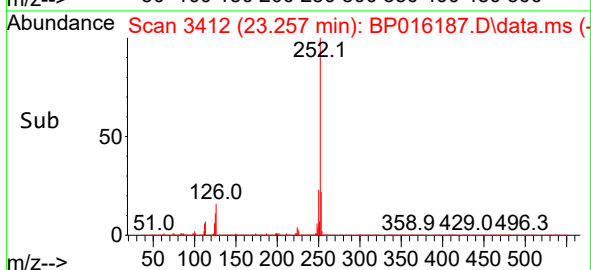
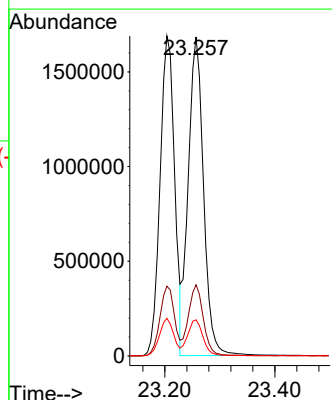
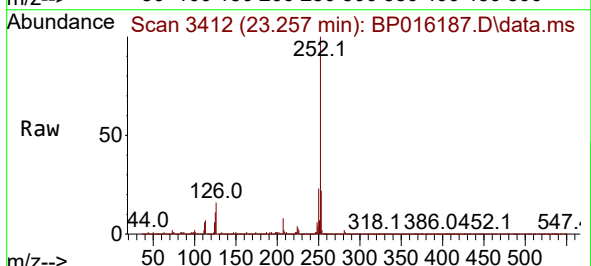
Tgt Ion:252 Resp: 3243237

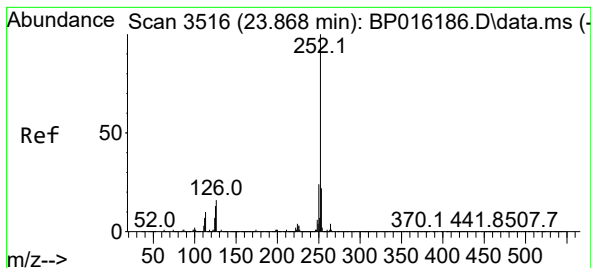
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 11.4 9.3 13.9





#93

Benzo(a)pyrene

Concen: 41.754 ng/ul

RT: 23.868 min Scan# 3516

Delta R.T. -0.000 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040642

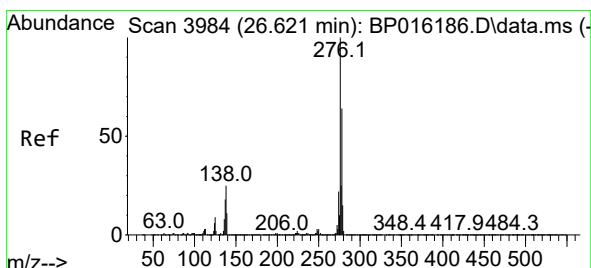
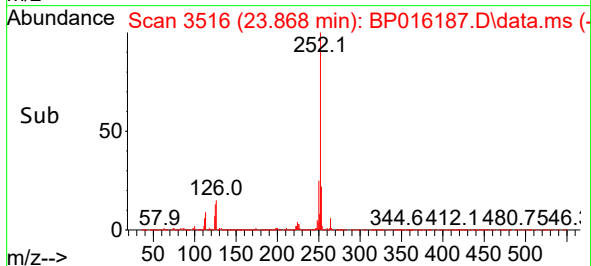
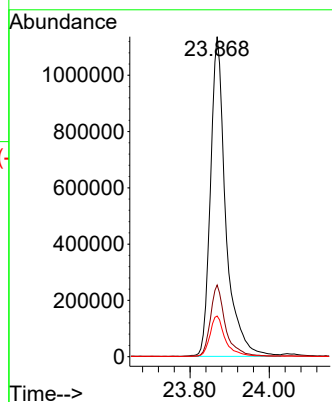
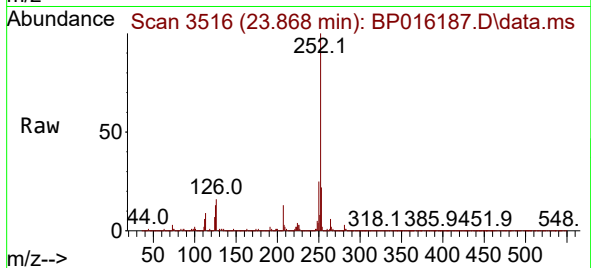
Tgt Ion:252 Resp: 3040819

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 12.7 10.4 15.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.845 ng/ul

RT: 26.615 min Scan# 3983

Delta R.T. -0.006 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

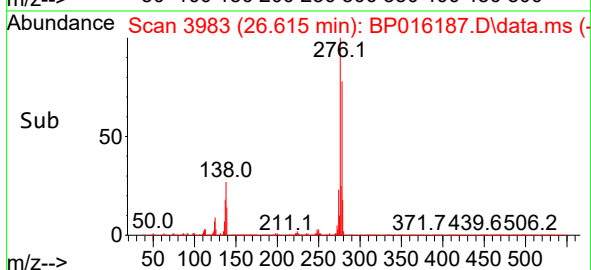
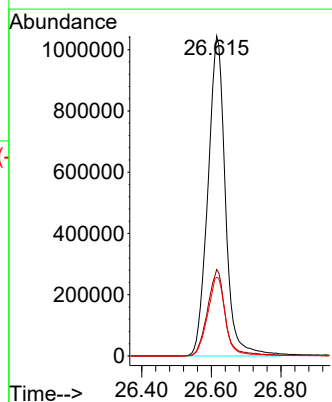
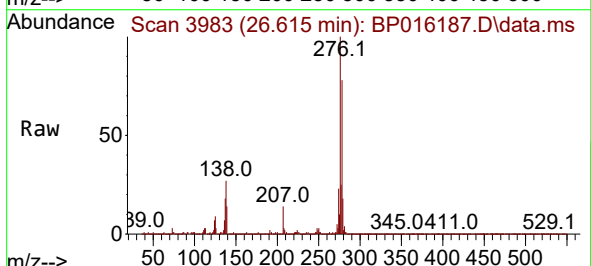
Tgt Ion:276 Resp: 3642631

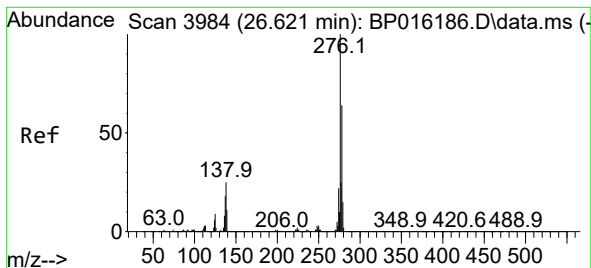
Ion Ratio Lower Upper

276 100

138 27.0 20.4 30.6

277 24.6 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 36.658 ng/ul

RT: 26.615 min Scan# 3984

Delta R.T. -0.006 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

Instrument :

BNA_P

ClientSampleId :

SSTD040642

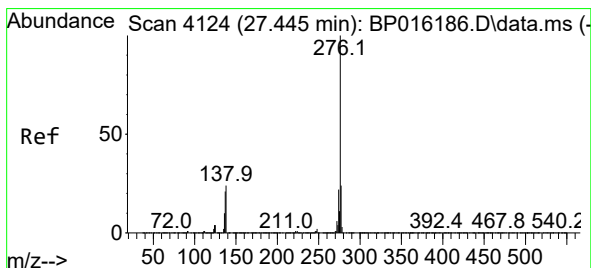
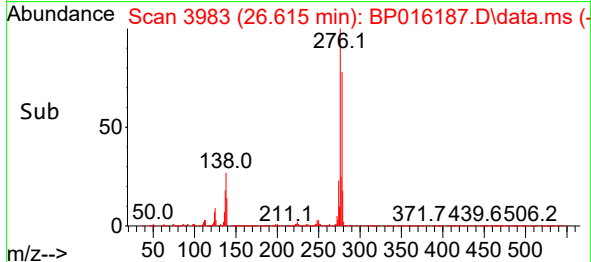
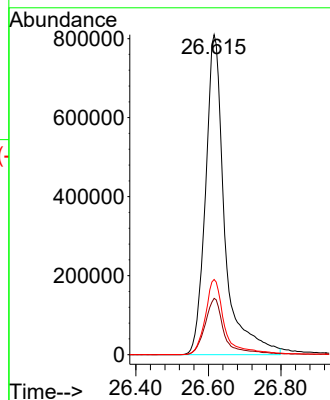
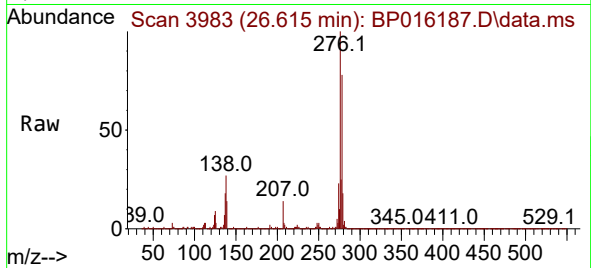
Tgt Ion:278 Resp: 2976762

Ion Ratio Lower Upper

278 100

139 17.6 14.2 21.2

279 23.5 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 35.319 ng/ul

RT: 27.445 min Scan# 4124

Delta R.T. -0.000 min

Lab File: BP016187.D

Acq: 11 Jul 2023 18:17

Tgt Ion:276 Resp: 2872619

Ion Ratio Lower Upper

276 100

138 23.1 18.9 28.3

277 23.7 19.0 28.4

