

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012143.D
 Acq On : 14 Oct 2022 18:09
 Operator : CG/JU
 Sample : PB148234BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 14 23:04:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	252321	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	1040453	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	564043	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1120499	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	1253394	20.000	ng/u1	0.00
88) Perylene-d12	23.762	264	1316628	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	31713	4.955	ng/uL	0.00
4) Pyridine-d5	3.693	84	430086	25.270	ng/u1	0.00
7) Phenol-d5	7.016	99	594107	29.276	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	338428	29.381	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	481683	29.903	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	444023	28.487	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	226738	30.856	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	235379	31.591	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.275	165	423177	29.305	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	547451	25.727	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	1014333	28.395	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	1298329	29.392	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	221017	31.516	ng/u1	0.00
60) Fluorene-d10	15.492	176	928172	28.719	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	168560	28.489	ng/u1	0.00
73) Anthracene-d10	17.351	188	1425127	29.290	ng/u1	0.00
81) Pyrene-d10	19.592	212	1740031	27.098	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.609	264	1897549	29.647	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	65835	9.776	ng/uL	92
5) Pyridine	3.716	79	436612	26.774	ng/u1	94
6) Benzaldehyde	6.987	77	364315	38.264	ng/u1	96
8) Phenol	7.040	94	603442	28.325	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.275	93	476303	28.337	ng/u1	99
12) 2-Chlorophenol	7.410	128	500087	28.606	ng/u1	100
13) 2-Methylphenol	8.293	108	443519	27.912	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	484102	28.099	ng/u1	100
16) Acetophenone	8.675	105	678439	28.232	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.663	70	305234	27.888	ng/u1	99
18) 4-Methylphenol	8.628	108	474043	27.679	ng/u1	99
19) Hexachloroethane	8.922	117	198958	29.483	ng/u1	96
22) Nitrobenzene	9.057	77	497371	29.527	ng/u1	99
23) Isophorone	9.587	82	854834	28.610	ng/u1	99
25) 2-Nitrophenol	9.769	139	260494	29.758	ng/u1	96
26) 2,4-Dimethylphenol	9.828	107	456270	26.763	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.069	93	573001	27.946	ng/u1	99
29) 2,4-Dichlorophenol	10.298	162	419769	27.662	ng/u1	97
30) Naphthalene	10.704	128	1508150	27.430	ng/u1	99
32) 4-Chloroaniline	10.822	127	544124	24.802	ng/u1	100
33) Hexachlorobutadiene	10.981	225	249347	26.498	ng/u1	99
34) Caprolactam	11.616	113	116124	27.847	ng/u1	97
35) 4-Chloro-3-methylphenol	11.945	107	408544	28.417	ng/u1	98
36) 2-Methylnaphthalene	12.310	142	940399	26.562	ng/u1	100

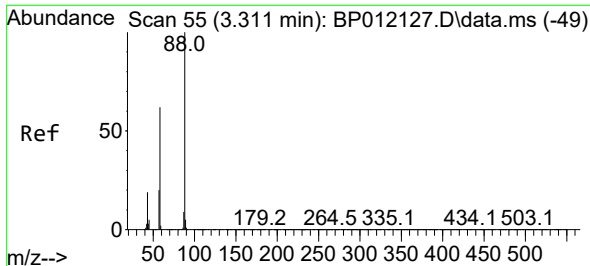
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.533	142	937628	26.446	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.681	216	465638	27.006	ng/ul	100
40) Hexachlorocyclopentadiene	12.657	237	174823	20.875	ng/ul	98
41) 2,4,6-Trichlorophenol	12.928	196	297539	28.648	ng/ul	100
42) 2,4,5-Trichlorophenol	12.998	196	325487	28.836	ng/ul	98
43) 1,1'-Biphenyl	13.328	154	1184584	27.819	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	942616	27.721	ng/ul	99
45) 2-Nitroaniline	13.580	65	227512	31.365	ng/ul	96
47) Dimethylphthalate	13.957	163	1044002	27.739	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	203373	30.521	ng/ul	99
50) Acenaphthylene	14.216	152	1428501	28.581	ng/ul	99
51) 3-Nitroaniline	14.410	138	228000	29.385	ng/ul	96
52) Acenaphthene	14.557	153	985606	27.700	ng/ul	100
53) 2,4-Dinitrophenol	14.622	184	110012	25.556	ng/ul	100
55) 4-Nitrophenol	14.722	109	148087	30.543	ng/ul	96
56) Dibenzofuran	14.892	168	1334448	27.750	ng/ul	99
57) 2,4-Dinitrotoluene	14.869	165	301630	31.497	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.122	232	257202	29.234	ng/ul	98
59) Diethylphthalate	15.322	149	973434	28.242	ng/ul	100
61) Fluorene	15.545	166	1072077	28.401	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.539	204	495526	27.136	ng/ul	100
63) 4-Nitroaniline	15.574	138	257598	36.360	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.633	198	177876	27.809	ng/ul	96
67) N-Nitrosodiphenylamine	15.757	169	885642	26.704	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	285157	26.153	ng/ul	98
69) Hexachlorobenzene	16.551	284	330432	26.110	ng/ul	99
70) Atrazine	16.716	200	282990	27.748	ng/ul	99
71) Pentachlorophenol	16.904	266	208090	28.065	ng/ul	98
72) Phenanthrene	17.298	178	1709153	28.048	ng/ul	100
74) Anthracene	17.386	178	1708927	28.339	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.292	216	476480	26.316	ng/ul	100
76) Pentachlorobenzene	14.810	250	416510	23.423	ng/ul	99
77) Carbazole	17.663	167	1634877	30.398	ng/ul	99
78) Di-n-butylphthalate	18.210	149	1575260	29.515	ng/ul	99
80) Fluoranthene	19.268	202	2058331	26.160	ng/ul	99
82) Pyrene	19.621	202	2199766	26.418	ng/ul	98
83) Butylbenzylphthalate	20.492	149	796822	30.188	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.268	252	737270	26.694	ng/ul	98
85) Benzo(a)anthracene	21.333	228	2255408	28.588	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.251	149	1104950	31.052	ng/ul	98
87) Chrysene	21.386	228	2115564	27.858	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1965110	29.812	ng/ul	100
90) Benzo(b)fluoranthene	23.027	252	2427809	29.131	ng/ul	99
91) Benzo(k)fluoranthene	23.074	252	2272355	27.720	ng/ul	99
93) Benzo(a)pyrene	23.656	252	2122657	28.548	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.280	276	2739855	29.143	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.297	278	2352052	27.887	ng/ul	97
96) Benzo(g,h,i)perylene	27.050	276	2298500	27.116	ng/ul	96

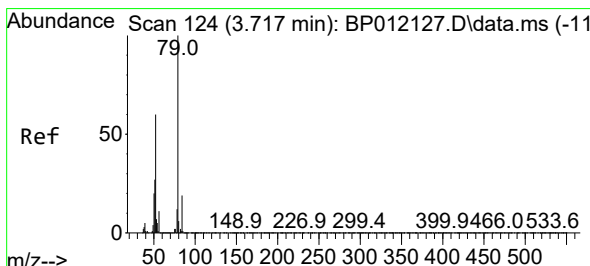
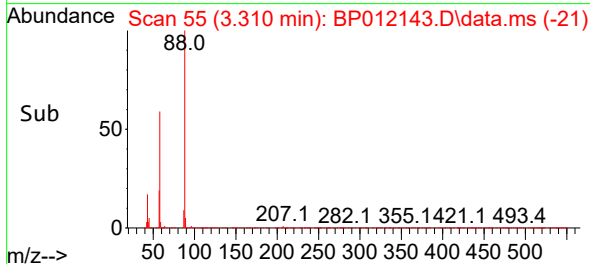
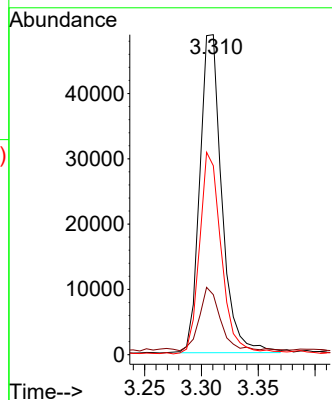
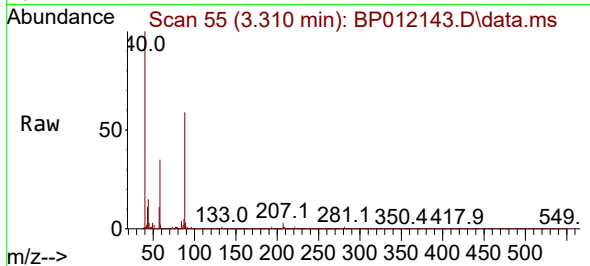
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#2
1,4-Dioxane
Concen: 9.776 ng/uL
RT: 3.310 min Scan# 51
Delta R.T. -0.000 min
Lab File: BP012143.D
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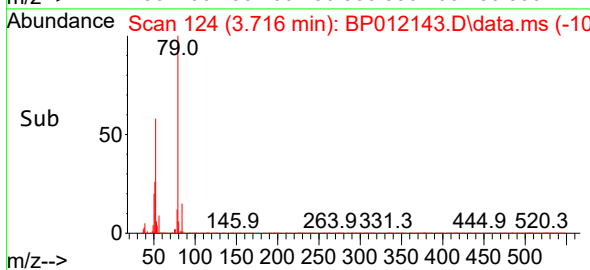
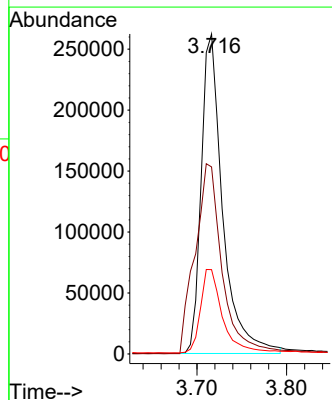
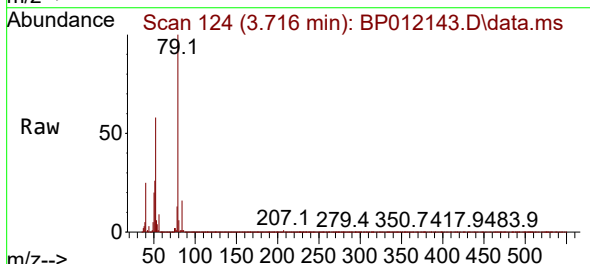
Instrument :
BNA_P
ClientSampleId :

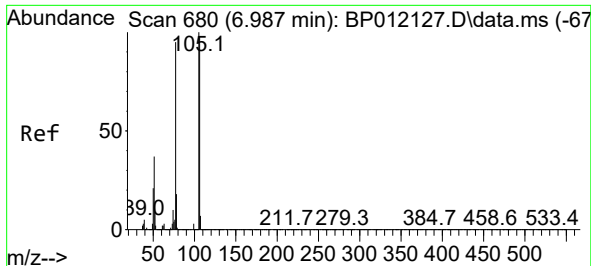
Tgt Ion: 88 Resp: 65835
Ion Ratio Lower Upper
88 100
43 18.7 16.6 25.0
58 59.1 52.6 79.0



#5
Pyridine
Concen: 26.774 ng/uL
RT: 3.716 min Scan# 124
Delta R.T. -0.000 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion: 79 Resp: 436612
Ion Ratio Lower Upper
79 100
52 58.5 51.2 76.8
51 26.4 22.8 34.2

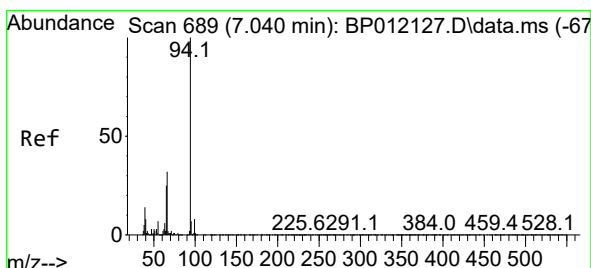
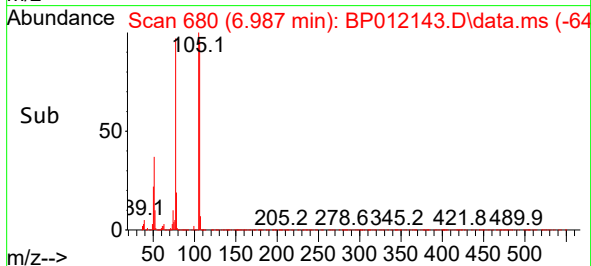
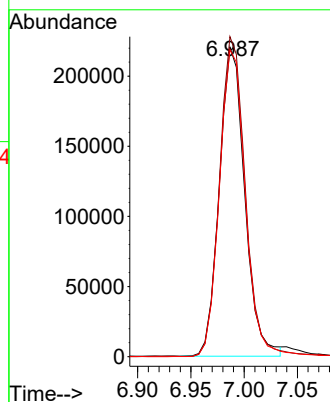
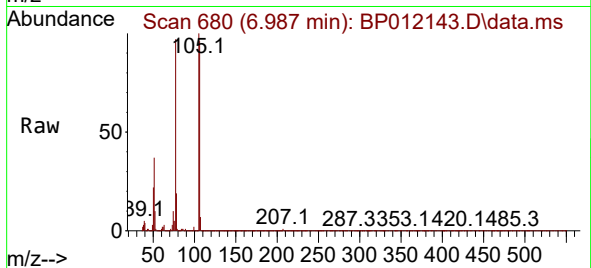




#6
Benzaldehyde
Concen: 38.264 ng/ul
RT: 6.987 min Scan# 680
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

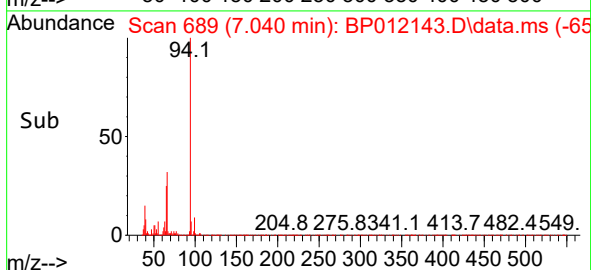
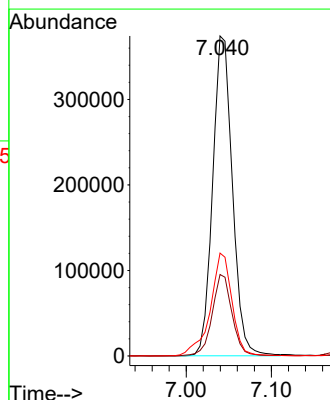
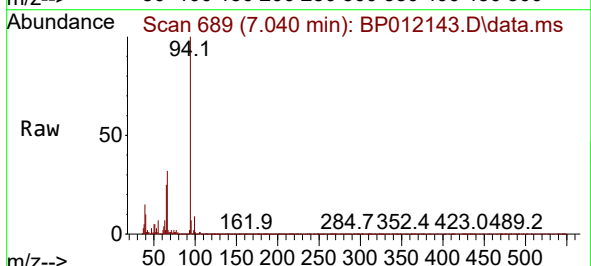
Instrument :
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ClientSampleId :

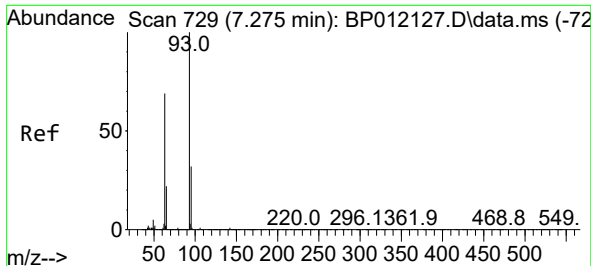
Tgt Ion: 77 Resp: 364315
Ion Ratio Lower Upper
77 100
105 103.4 85.2 127.8
106 99.2 83.1 124.7



#8
Phenol
Concen: 28.325 ng/ul
RT: 7.040 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

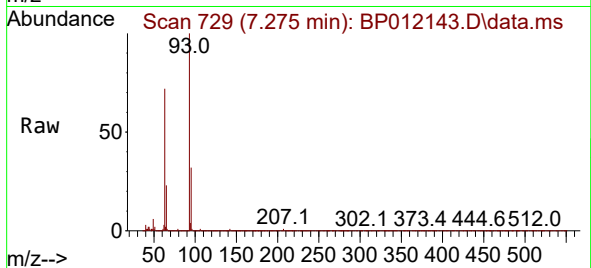
Tgt Ion: 94 Resp: 603442
Ion Ratio Lower Upper
94 100
65 25.4 19.4 29.0
66 32.1 24.6 37.0





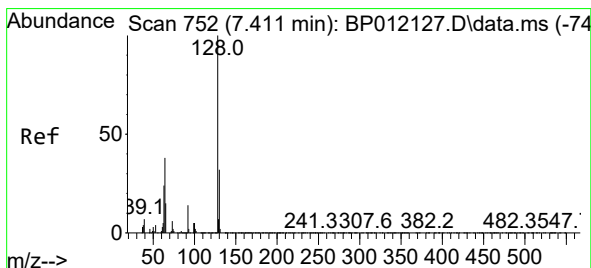
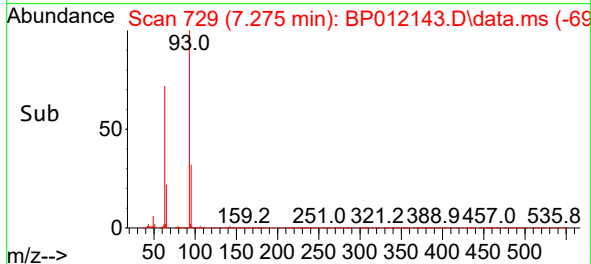
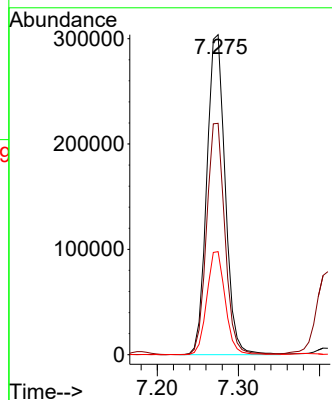
#10
 Bis(2-Chloroethyl)ether
 Concen: 28.337 ng/ul
 RT: 7.275 min Scan# 729
 Delta R.T. -0.006 min
 Lab File: BP012143.D
 Acq: 14 Oct 2022 18:09

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 476303

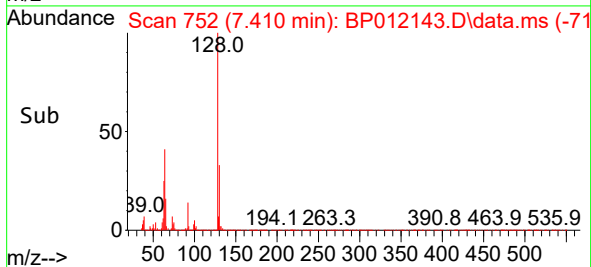
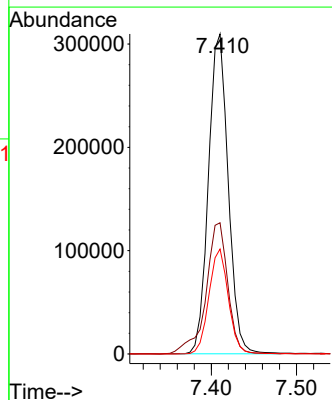
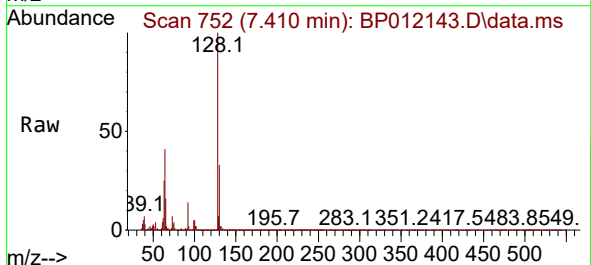
Ion	Ratio	Lower	Upper
93	100		
63	72.3	56.7	85.1
95	32.2	26.2	39.2

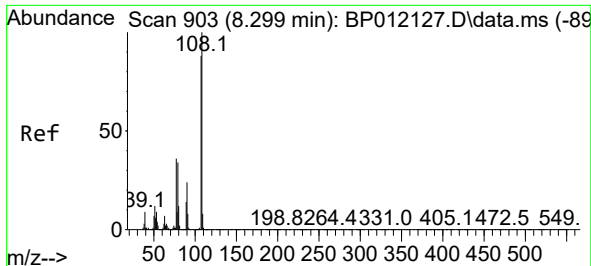


#12
 2-Chlorophenol
 Concen: 28.606 ng/ul
 RT: 7.410 min Scan# 752
 Delta R.T. -0.006 min
 Lab File: BP012143.D
 Acq: 14 Oct 2022 18:09

Tgt Ion: 128 Resp: 500087

Ion	Ratio	Lower	Upper
128	100		
64	41.0	32.7	49.1
130	32.8	26.3	39.5

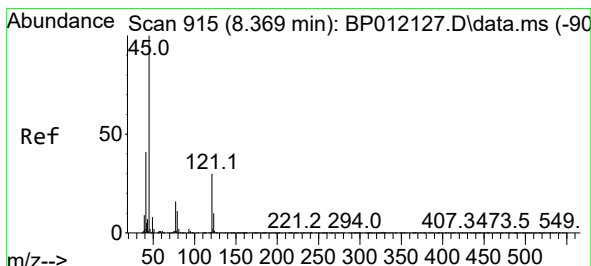
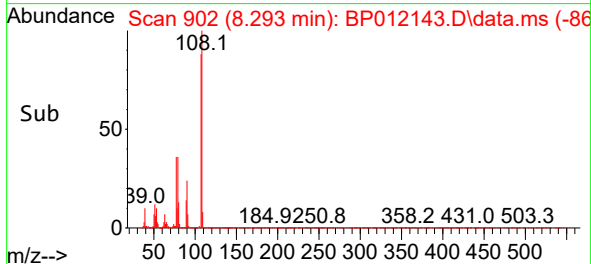
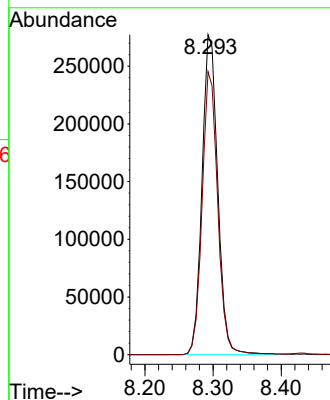
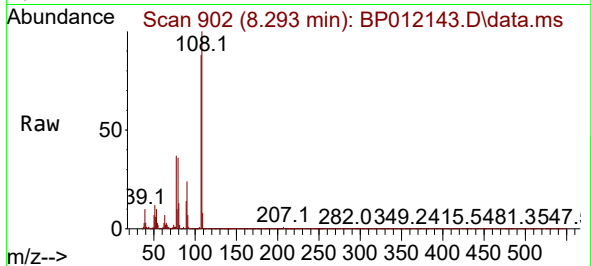




#13
2-Methylphenol
Concen: 27.912 ng/ul
RT: 8.293 min Scan# 903
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

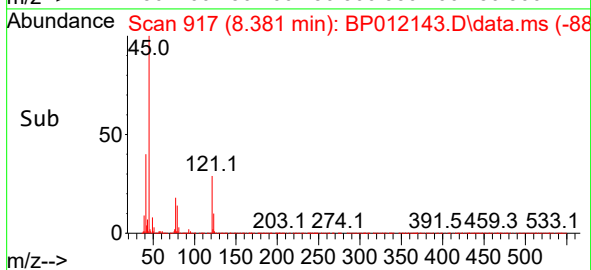
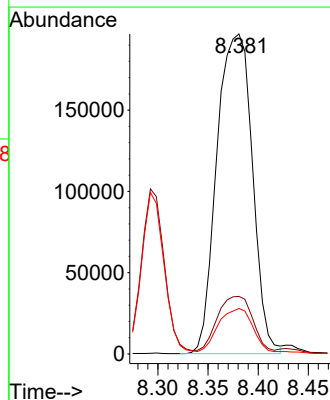
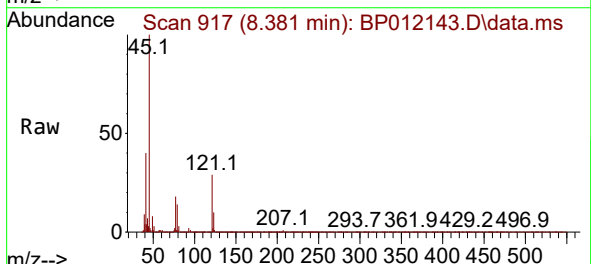
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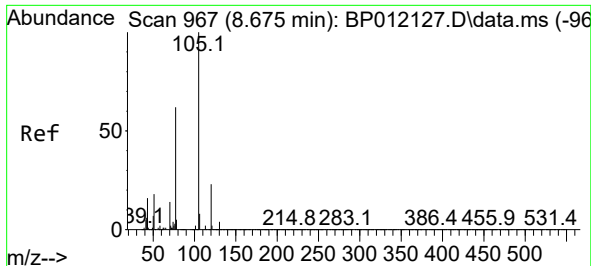
Tgt Ion:108 Resp: 443519
Ion Ratio Lower Upper
108 100
107 88.4 71.9 107.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 28.099 ng/ul
RT: 8.381 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion: 45 Resp: 484102
Ion Ratio Lower Upper
45 100
77 18.0 14.4 21.6
79 14.2 11.3 16.9

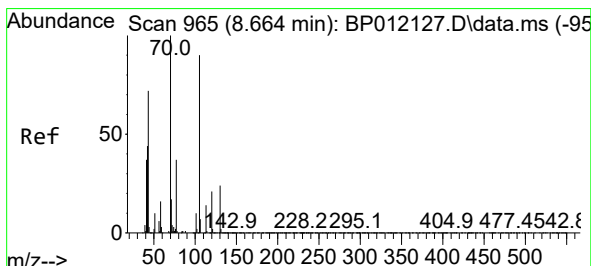
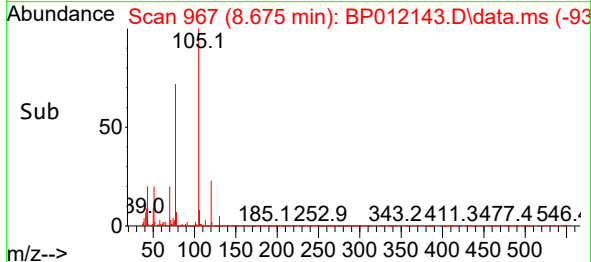
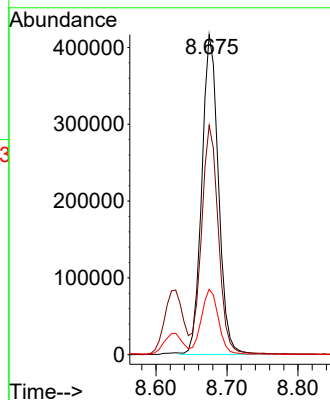
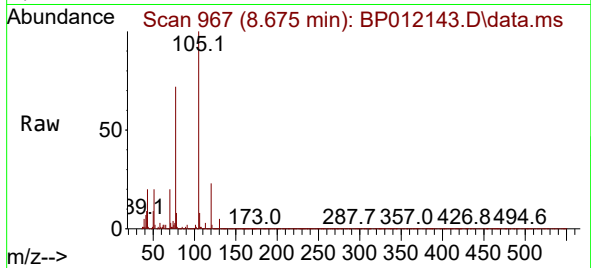




#16
Acetophenone
Concen: 28.232 ng/ul
RT: 8.675 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

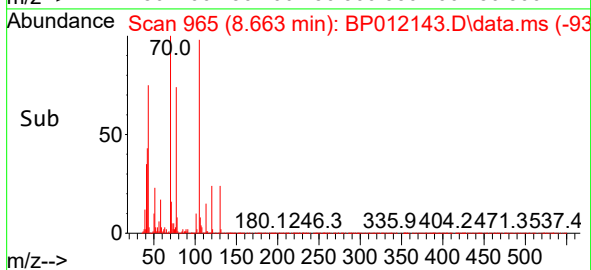
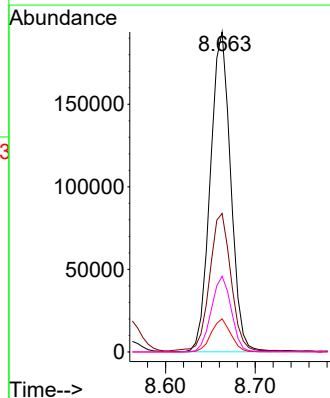
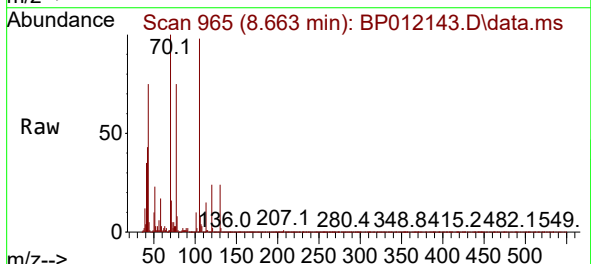
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ClientSampleId :

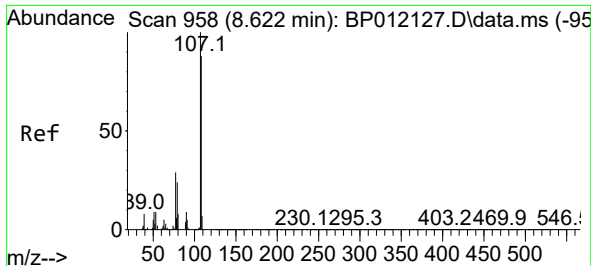
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Ion Ratio Lower Upper
105 100
77 71.7 57.0 85.4
51 20.5 16.4 24.6



#17
N-Nitroso-di-n-propylamine
Concen: 27.888 ng/ul
RT: 8.663 min Scan# 965
Delta R.T. -0.000 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion: 70 Resp: 305234
Ion Ratio Lower Upper
70 100
42 43.3 34.6 52.0
101 10.3 8.0 12.0
130 23.6 18.3 27.5

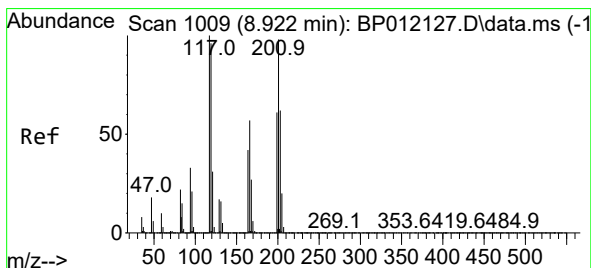
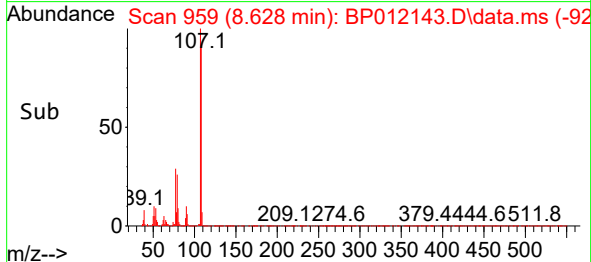
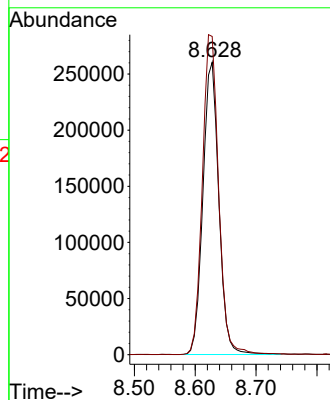
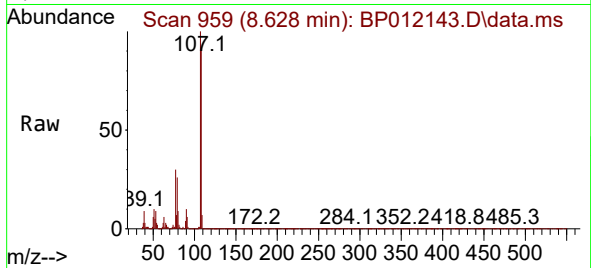




#18
4-Methylphenol
Concen: 27.679 ng/ul
RT: 8.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

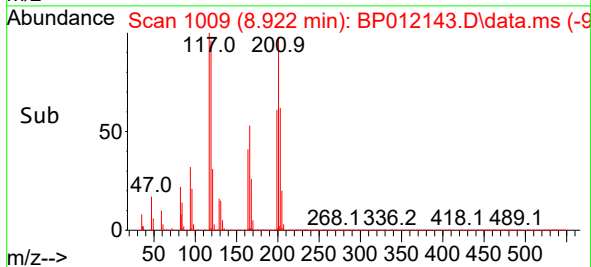
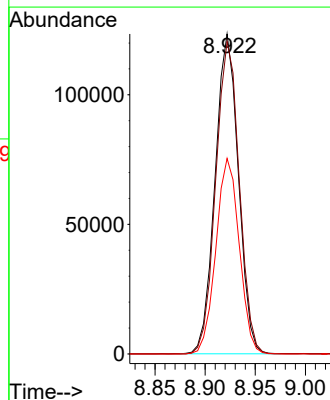
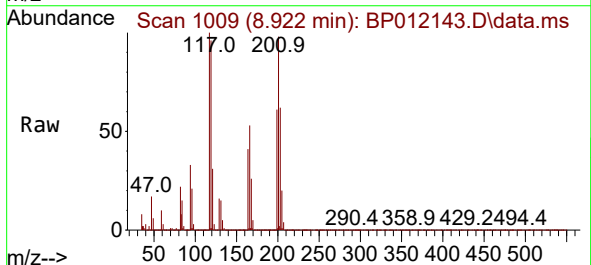
Instrument :
BNA_P
ClientSampleId :

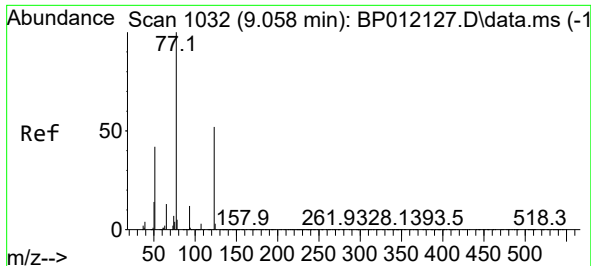
Tgt Ion:108 Resp: 474043
Ion Ratio Lower Upper
108 100
107 108.8 86.3 129.5



#19
Hexachloroethane
Concen: 29.483 ng/ul
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:117 Resp: 198958
Ion Ratio Lower Upper
117 100
201 97.6 82.3 123.5
199 61.1 50.0 75.0

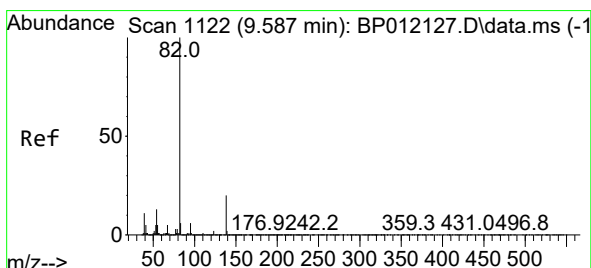
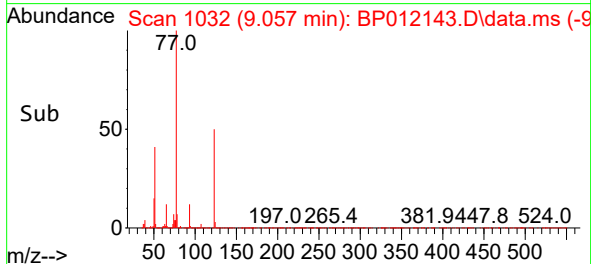
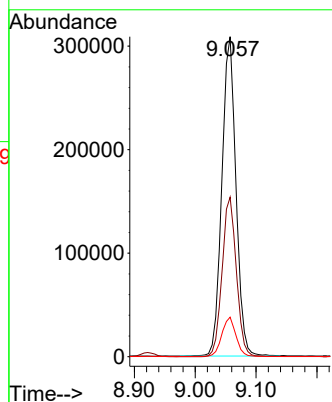
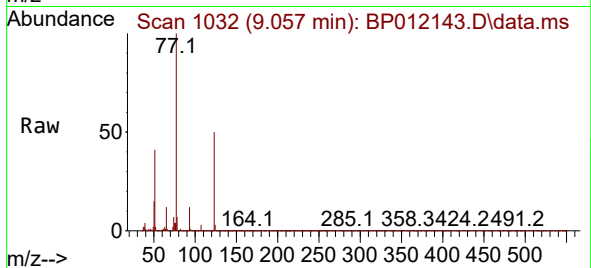




#22
Nitrobenzene
Concen: 29.527 ng/ul
RT: 9.057 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

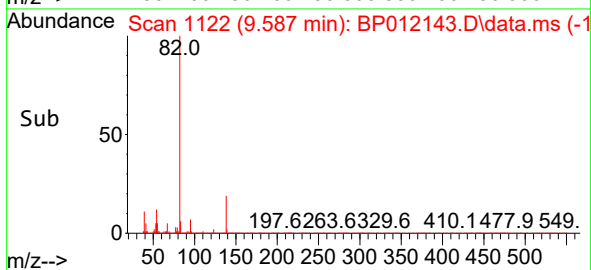
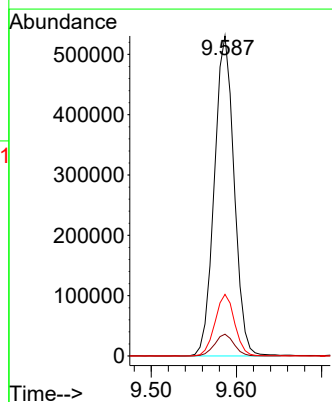
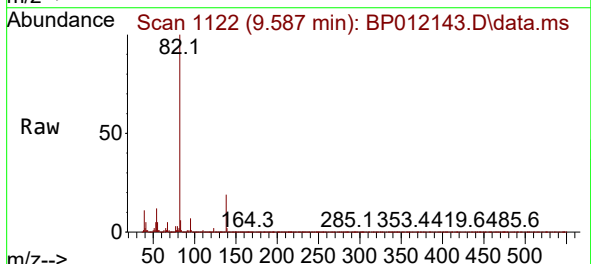
Instrument :
BNA_P
ClientSampleId :

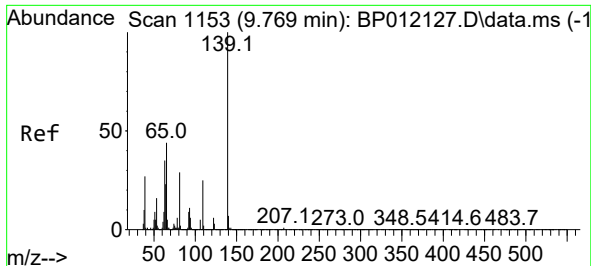
Tgt Ion: 77 Resp: 497371
Ion Ratio Lower Upper
77 100
123 49.9 39.4 59.0
65 12.4 9.9 14.9



#23
Isophorone
Concen: 28.610 ng/ul
RT: 9.587 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion: 82 Resp: 854834
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 19.3 15.2 22.8

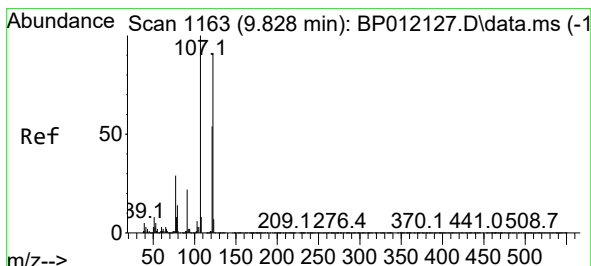
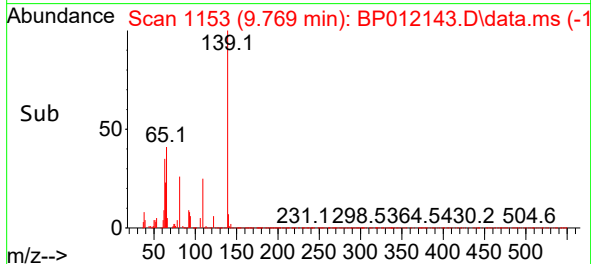
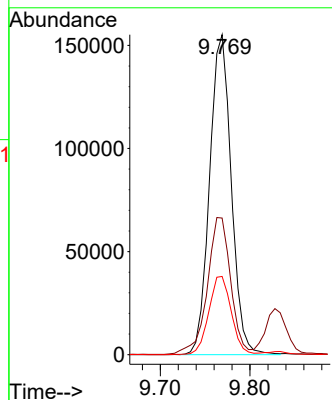
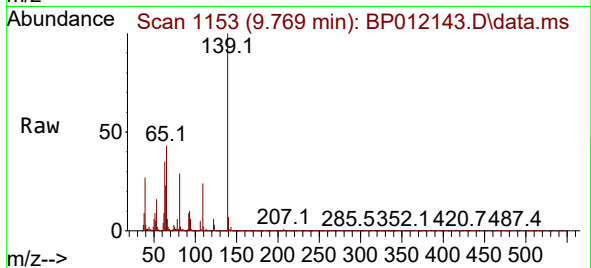




#25
2-Nitrophenol
Concen: 29.758 ng/ul
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

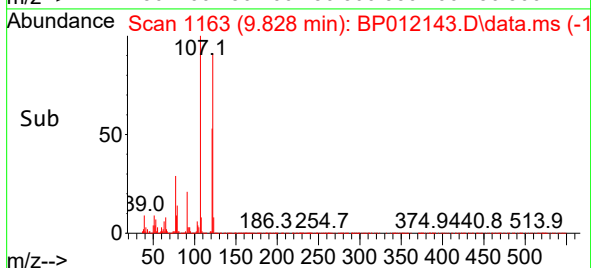
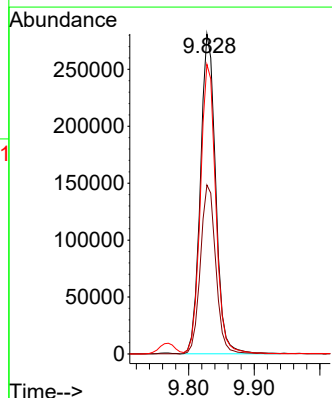
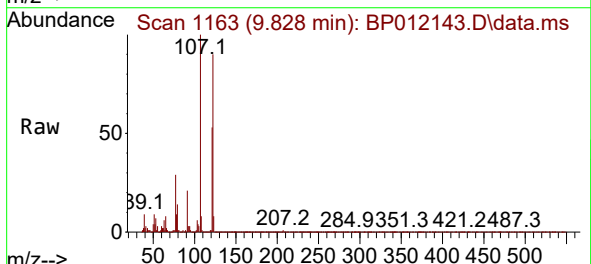
Instrument :
BNA_P
ClientSampleId :

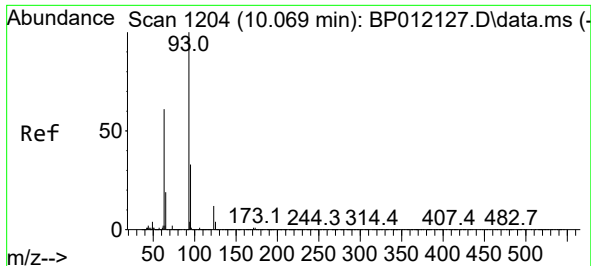
Tgt Ion:139 Resp: 260494
Ion Ratio Lower Upper
139 100
65 42.7 36.3 54.5
109 24.5 21.2 31.8



#26
2,4-Dimethylphenol
Concen: 26.763 ng/ul
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:107 Resp: 456270
Ion Ratio Lower Upper
107 100
121 52.8 43.0 64.4
122 90.5 71.4 107.2

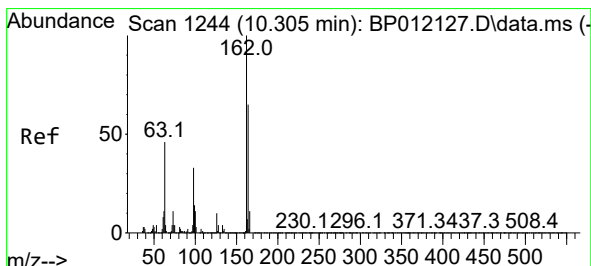
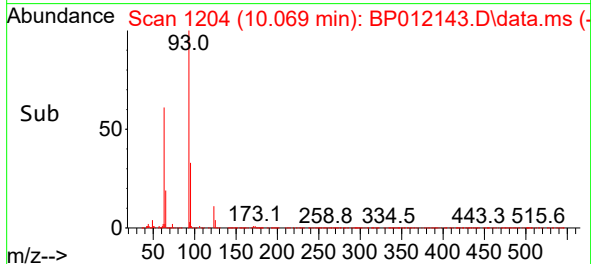
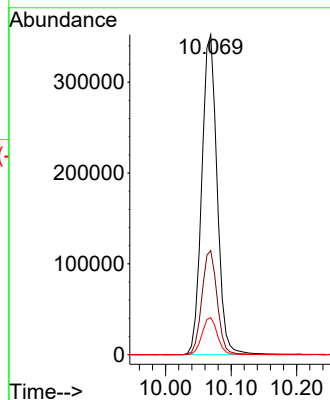
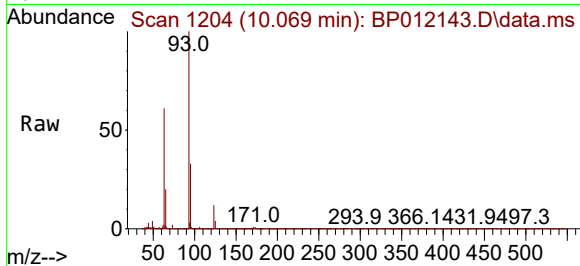




#27
Bis(2-Chloroethoxy)methane
Concen: 27.946 ng/ul
RT: 10.069 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

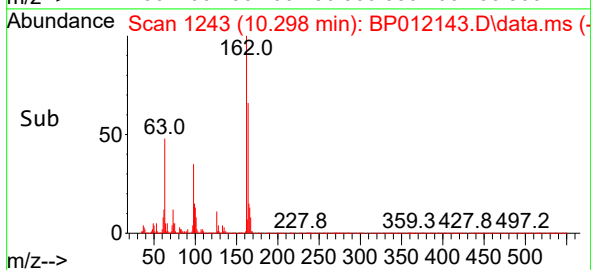
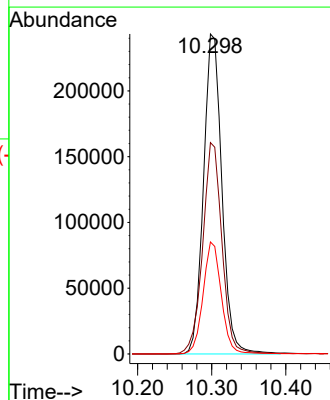
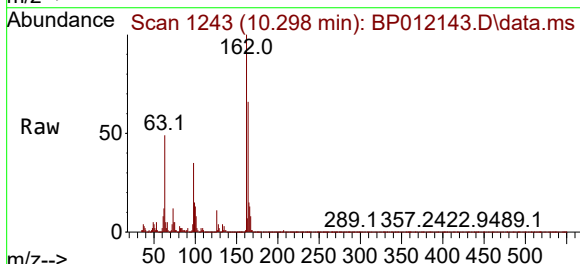
Instrument :
BNA_P
ClientSampleId :

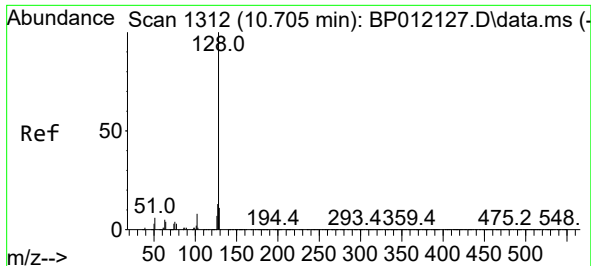
Tgt Ion: 93 Resp: 573001
Ion Ratio Lower Upper
93 100
95 32.5 25.7 38.5
123 11.6 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 27.662 ng/ul
RT: 10.298 min Scan# 1243
Delta R.T. -0.012 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:162 Resp: 419769
Ion Ratio Lower Upper
162 100
164 66.1 51.5 77.3
98 35.0 26.3 39.5

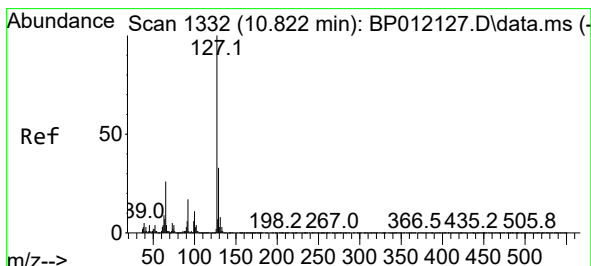
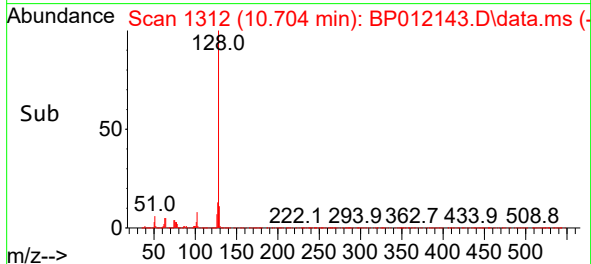
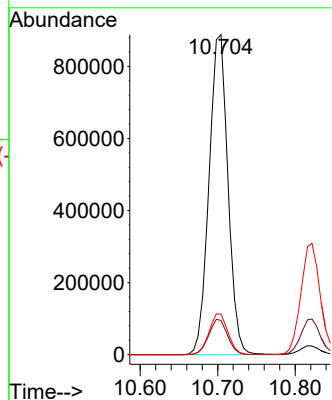
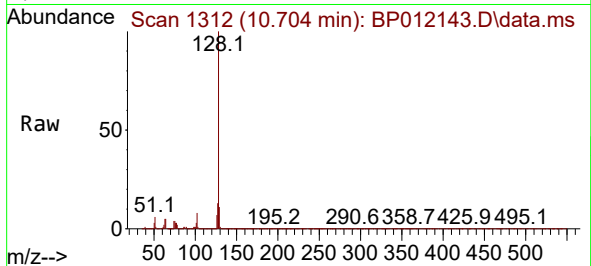




#30
Naphthalene
Concen: 27.430 ng/ul
RT: 10.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

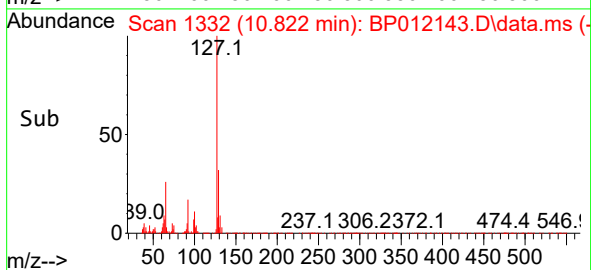
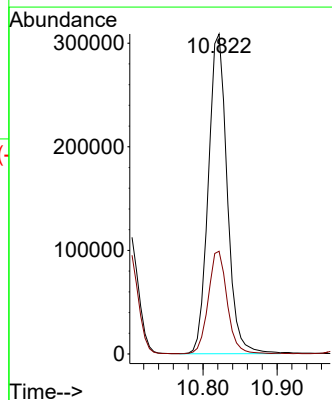
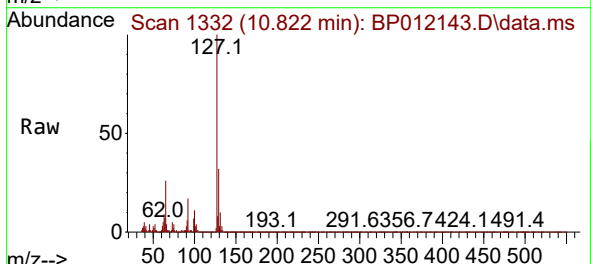
Instrument :
BNA_P
ClientSampleId :

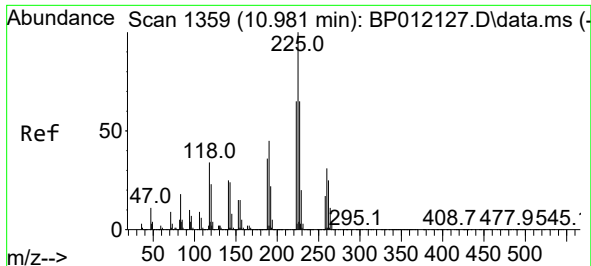
Tgt Ion:128 Resp: 1508150
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.7 10.2 15.4



#32
4-Chloroaniline
Concen: 24.802 ng/ul
RT: 10.822 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

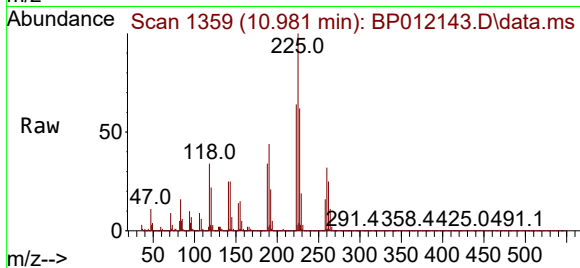
Tgt Ion:127 Resp: 544124
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4



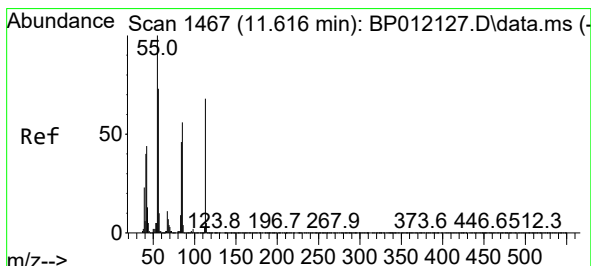
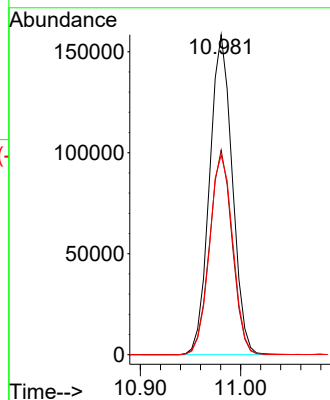
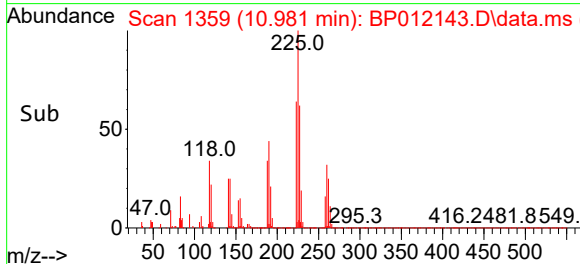


#33
Hexachlorobutadiene
Concen: 26.498 ng/ul
RT: 10.981 min Scan# 1359
Delta R.T. -0.012 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Instrument :
BNA_P
ClientSampleId :

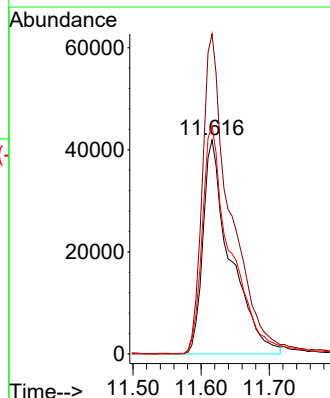
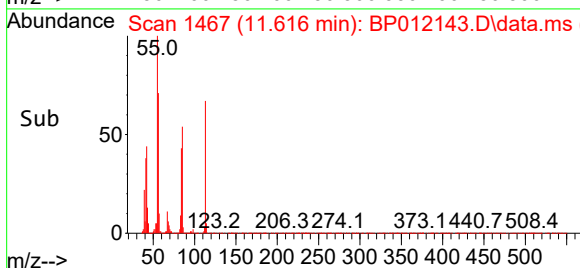
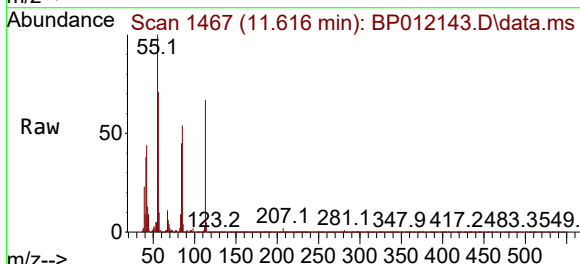


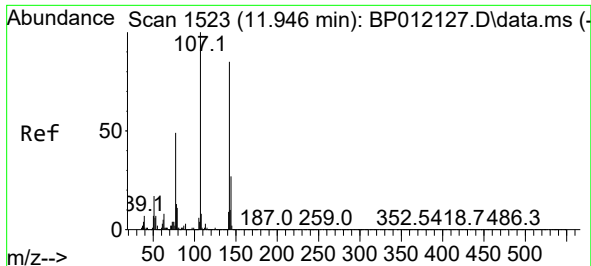
Tgt Ion:225 Resp: 249347
Ion Ratio Lower Upper
225 100
223 64.0 50.9 76.3
227 62.4 51.1 76.7



#34
Caprolactam
Concen: 27.847 ng/ul
RT: 11.616 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:113 Resp: 116124
Ion Ratio Lower Upper
113 100
55 149.5 115.2 172.8
56 106.7 85.6 128.4

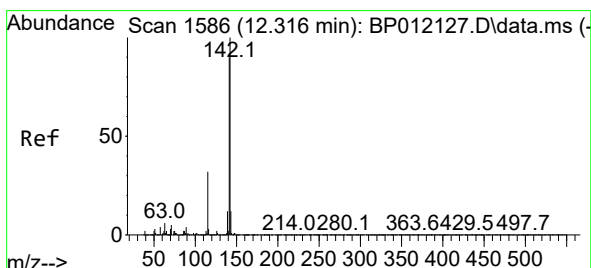
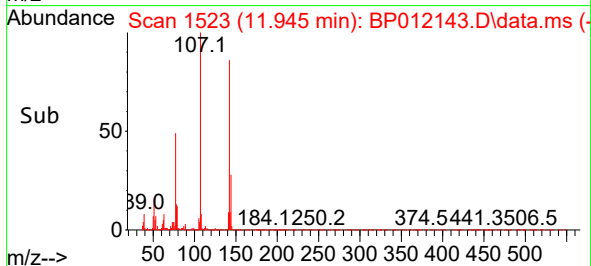
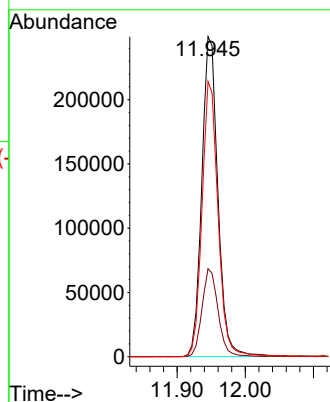
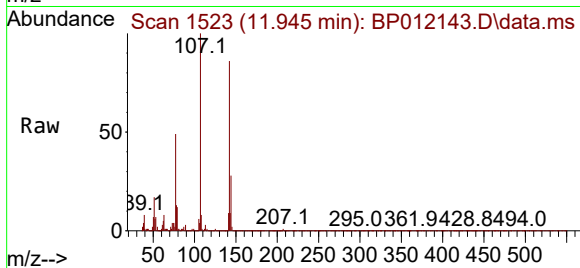




#35
4-Chloro-3-methylphenol
Concen: 28.417 ng/ul
RT: 11.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

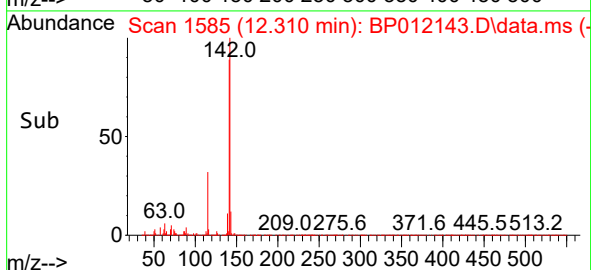
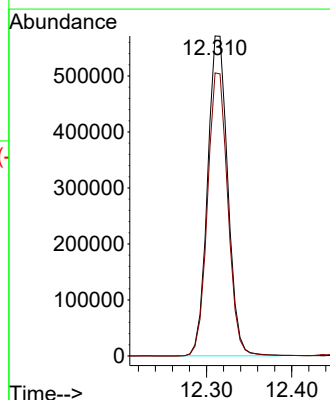
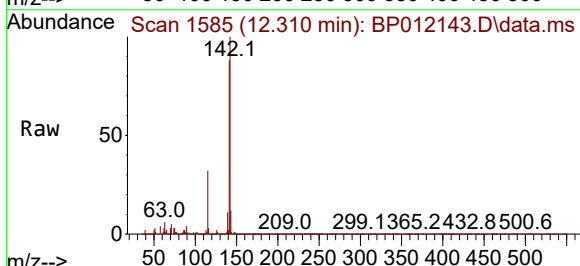
Instrument :
BNA_P
ClientSampleId :

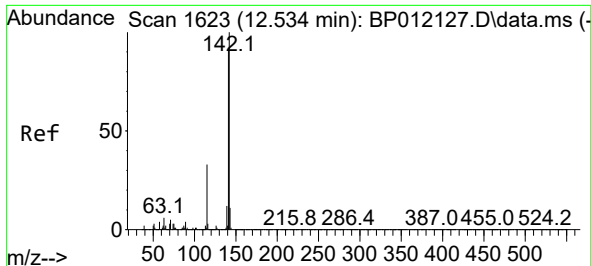
Tgt Ion:107 Resp: 408544
Ion Ratio Lower Upper
107 100
144 27.5 23.0 34.4
142 86.0 69.8 104.8



#36
2-Methylnaphthalene
Concen: 26.562 ng/ul
RT: 12.310 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:142 Resp: 940399
Ion Ratio Lower Upper
142 100
141 88.5 70.7 106.1





#37

1-Methylnaphthalene

Concen: 26.446 ng/ul

RT: 12.533 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

Instrument :

BNA_P

ClientSampleId :

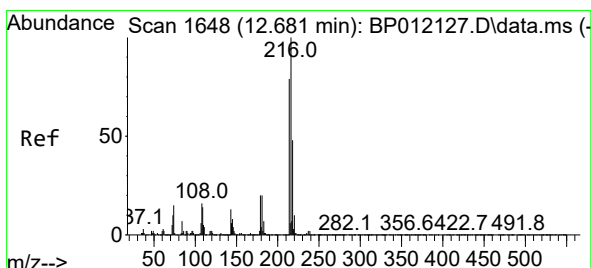
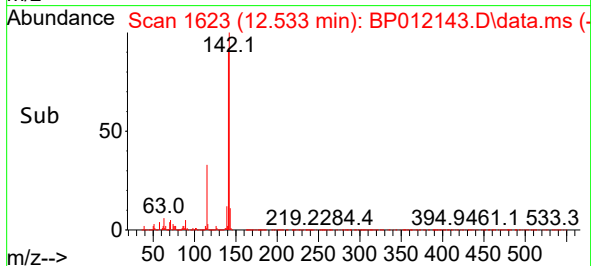
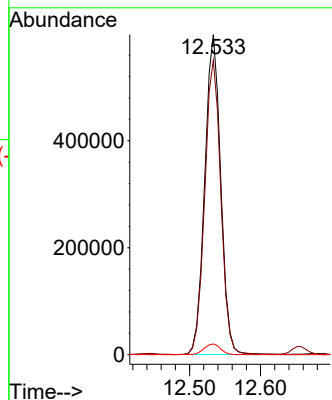
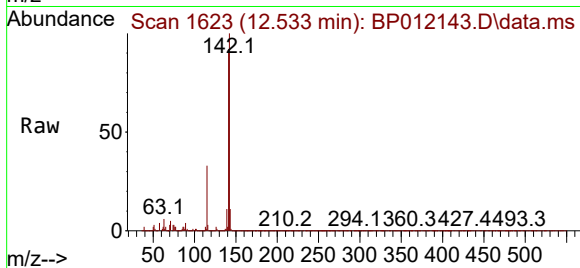
Tgt Ion:142 Resp: 937628

Ion Ratio Lower Upper

142 100

141 92.0 72.9 109.3

116 3.3 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.006 ng/ul

RT: 12.681 min Scan# 1648

Delta R.T. -0.006 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

Tgt Ion:216 Resp: 465638

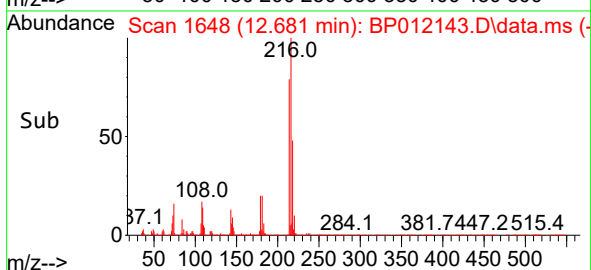
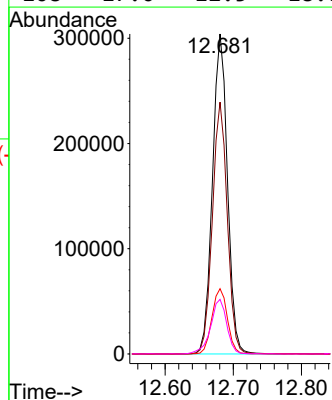
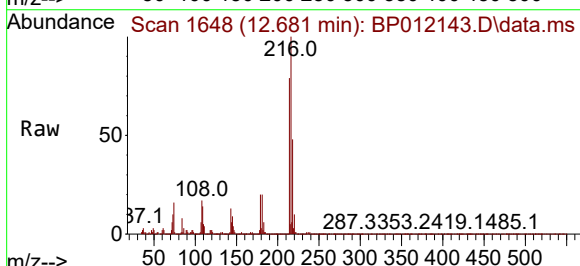
Ion Ratio Lower Upper

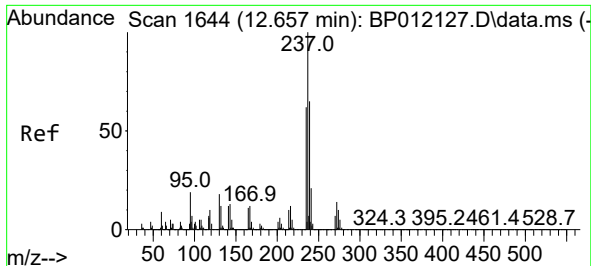
216 100

214 78.7 63.0 94.4

179 20.4 16.3 24.5

108 17.0 12.5 18.7

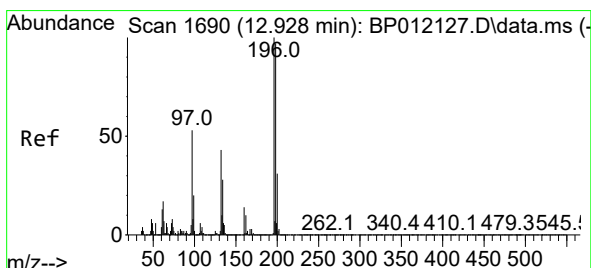
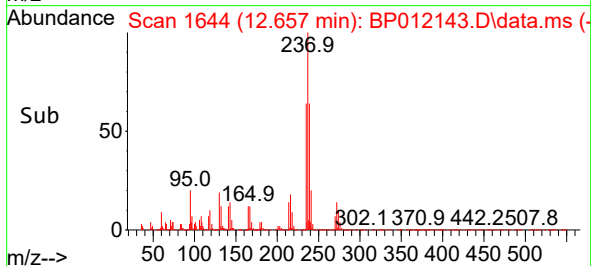
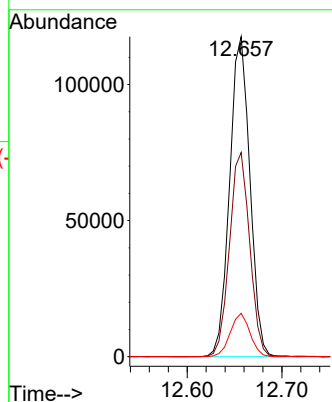
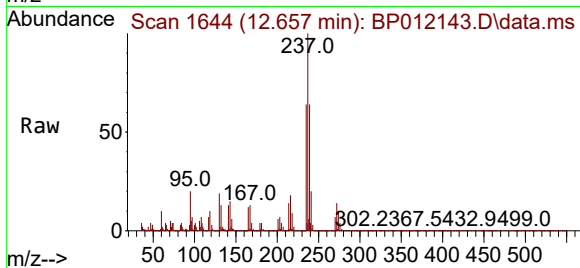




#40
Hexachlorocyclopentadiene
Concen: 20.875 ng/ul
RT: 12.657 min Scan# 1644
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

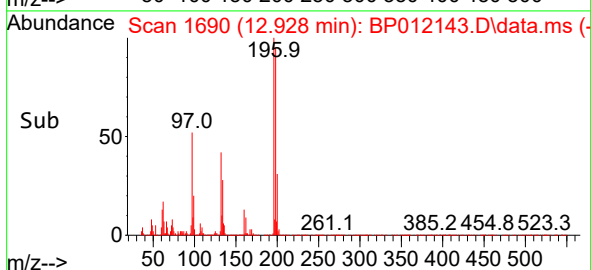
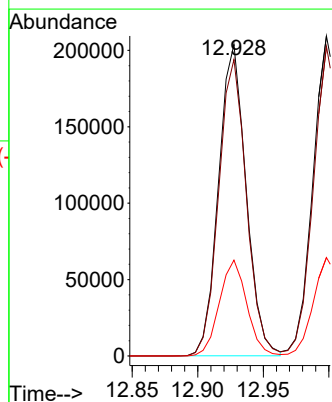
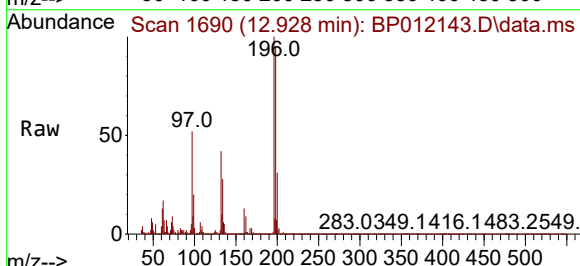
Instrument :
BNA_P
ClientSampleId :

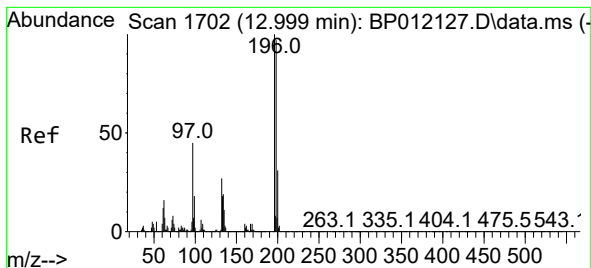
Tgt Ion:237 Resp: 174823
Ion Ratio Lower Upper
237 100
235 63.8 49.8 74.8
272 13.6 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 28.648 ng/ul
RT: 12.928 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:196 Resp: 297539
Ion Ratio Lower Upper
196 100
198 95.2 76.2 114.2
200 30.8 24.2 36.2





#42

2,4,5-Trichlorophenol

Concen: 28.836 ng/ul

RT: 12.998 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

Instrument :

BNA_P

ClientSampleId :

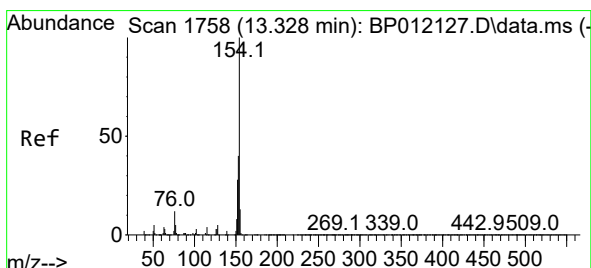
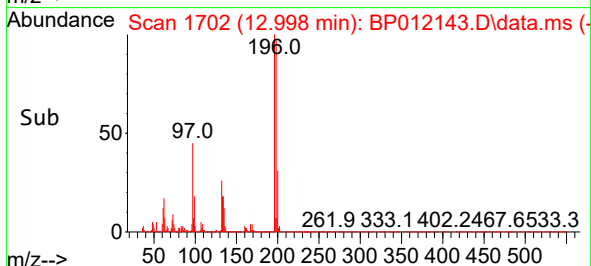
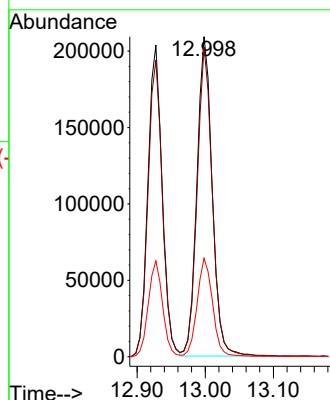
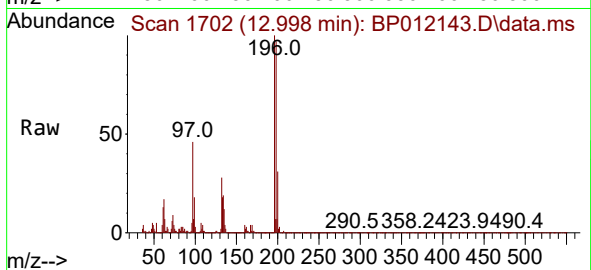
Tgt Ion:196 Resp: 325487

Ion Ratio Lower Upper

196 100

198 96.8 75.4 113.2

200 30.8 24.8 37.2



#43

1,1'-Biphenyl

Concen: 27.819 ng/ul

RT: 13.328 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

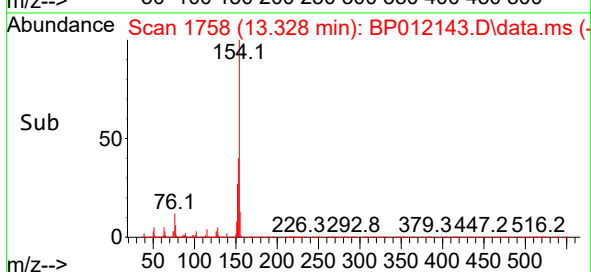
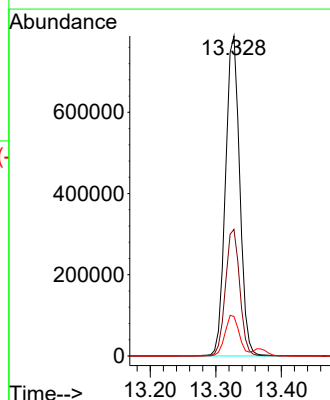
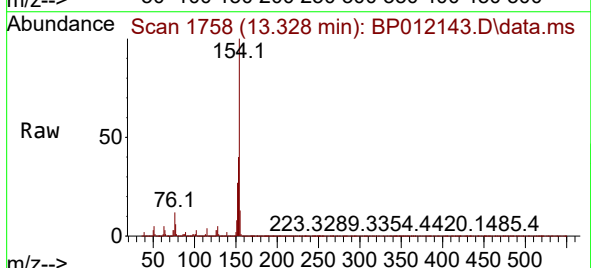
Tgt Ion:154 Resp: 1184584

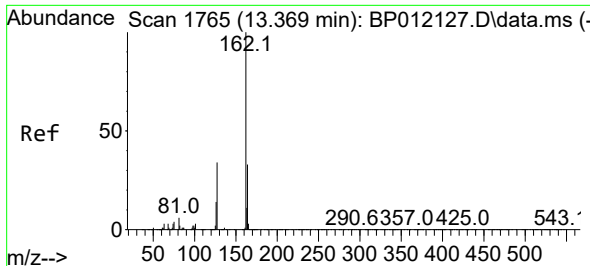
Ion Ratio Lower Upper

154 100

153 39.6 32.2 48.2

76 12.3 10.3 15.5

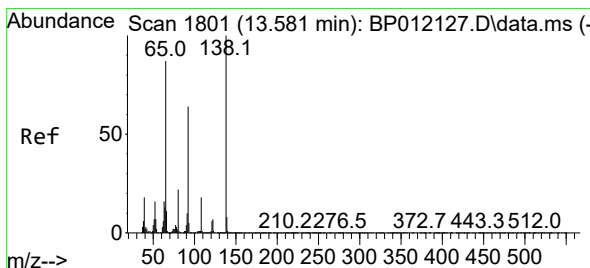
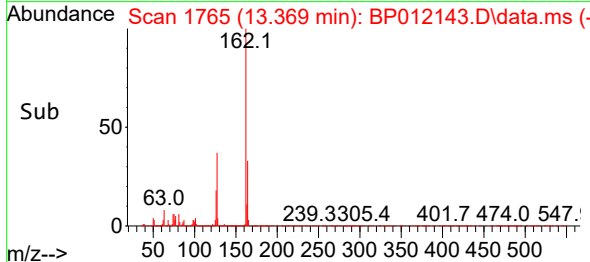
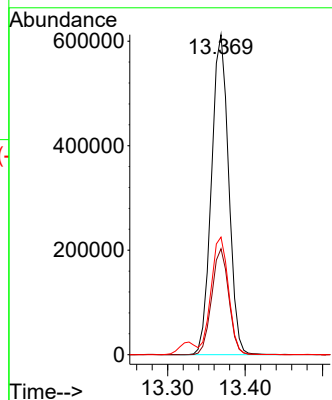
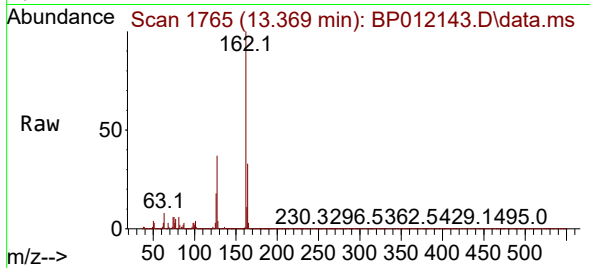




#44
2-Chloronaphthalene
Concen: 27.721 ng/ul
RT: 13.369 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

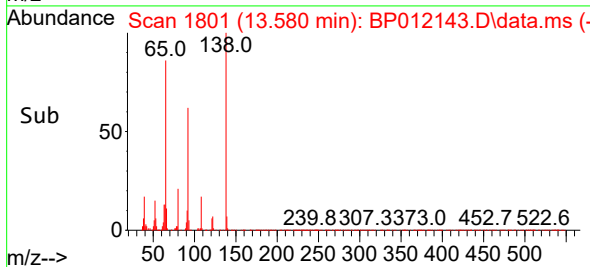
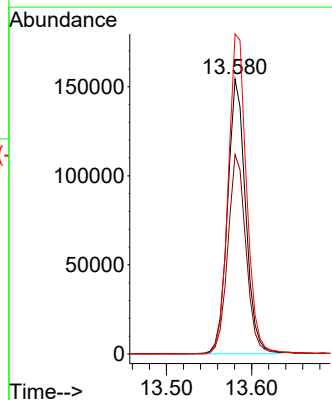
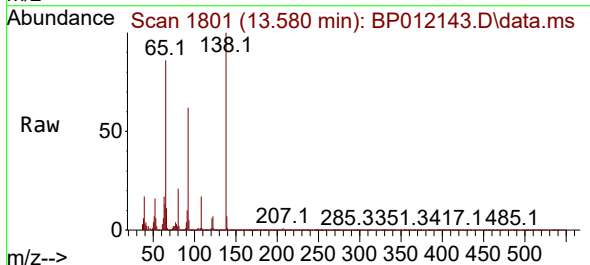
Instrument :
BNA_P
ClientSampleId :

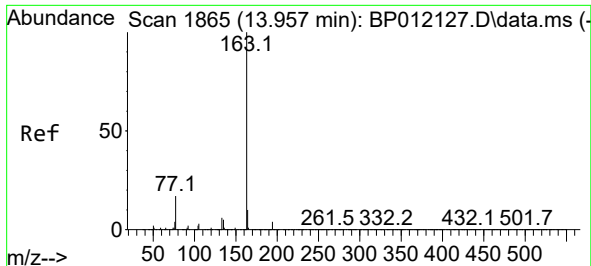
Tgt Ion:162 Resp: 942616
Ion Ratio Lower Upper
162 100
164 33.1 26.0 39.0
127 36.8 29.4 44.2



#45
2-Nitroaniline
Concen: 31.365 ng/ul
RT: 13.580 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion: 65 Resp: 227512
Ion Ratio Lower Upper
65 100
92 72.5 61.6 92.4
138 116.4 96.5 144.7

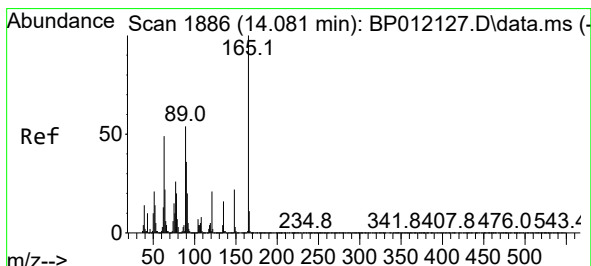
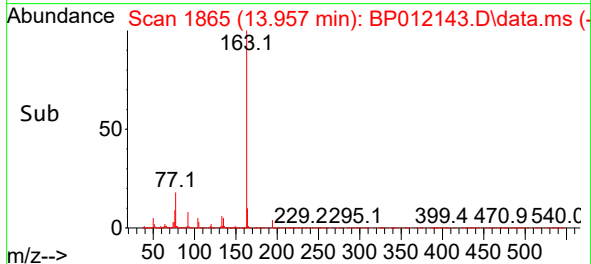
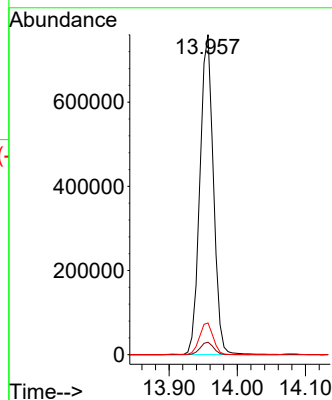
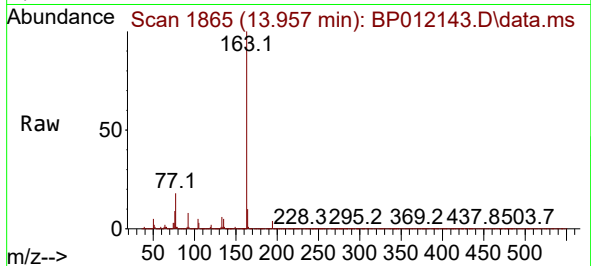




#47
Dimethylphthalate
Concen: 27.739 ng/ul
RT: 13.957 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

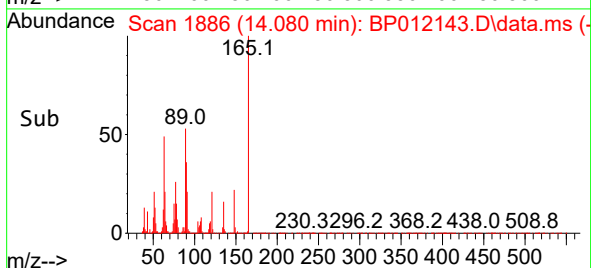
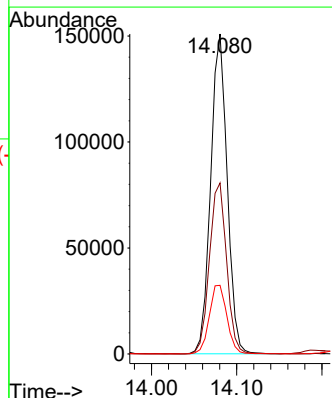
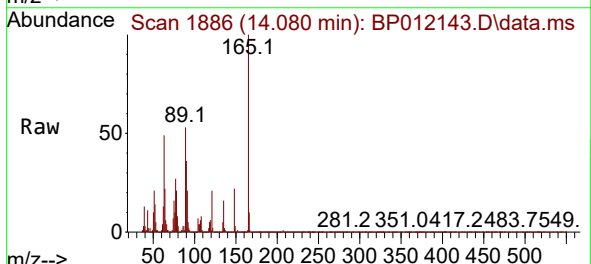
Instrument :
BNA_P
ClientSampleId :

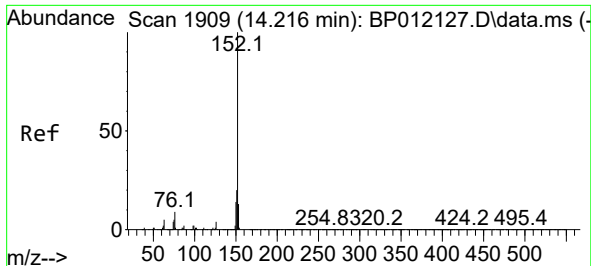
Tgt Ion:163 Resp: 1044002
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 30.521 ng/ul
RT: 14.080 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

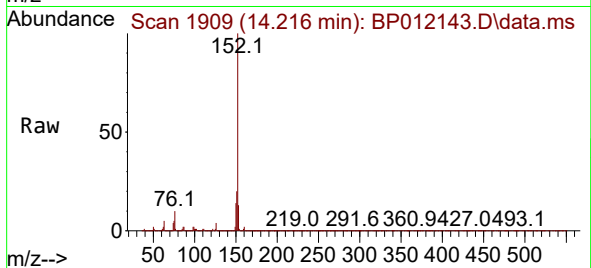
Tgt Ion:165 Resp: 203373
Ion Ratio Lower Upper
165 100
89 53.4 43.4 65.0
121 21.5 18.1 27.1



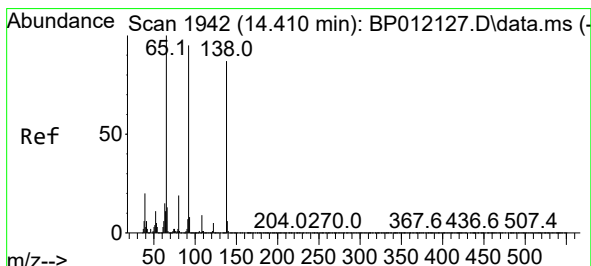
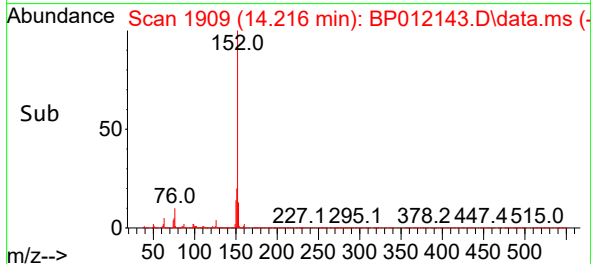
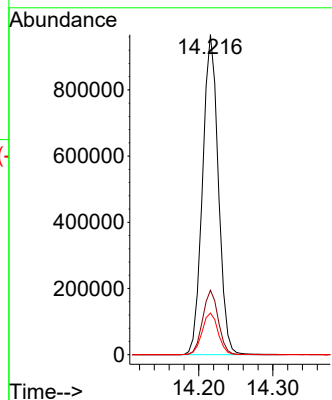


#50
Acenaphthylene
Concen: 28.581 ng/ul
RT: 14.216 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Instrument :
BNA_P
ClientSampleId :

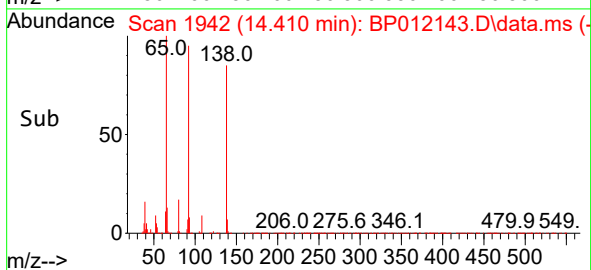
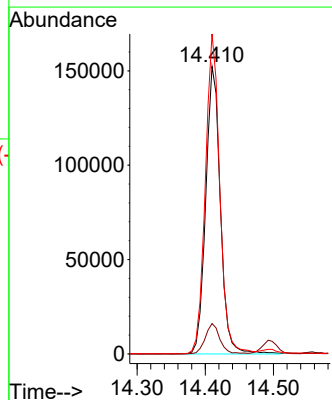
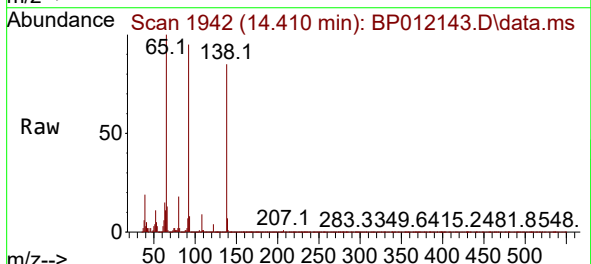


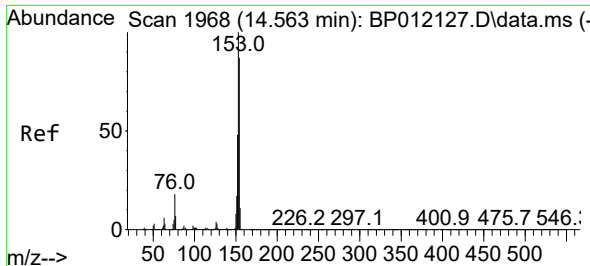
Tgt Ion:152 Resp: 1428501
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.0 10.4 15.6



#51
3-Nitroaniline
Concen: 29.385 ng/ul
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:138 Resp: 228000
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 111.3 85.8 128.8

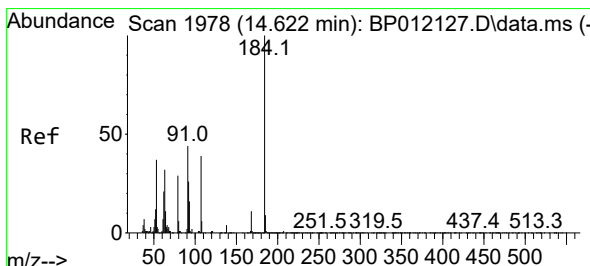
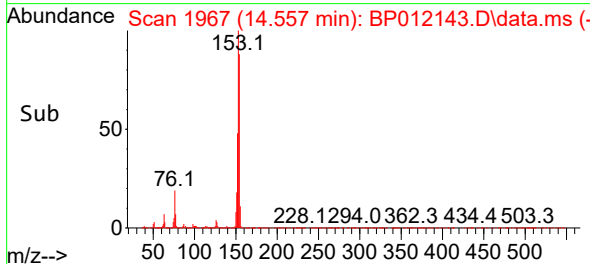
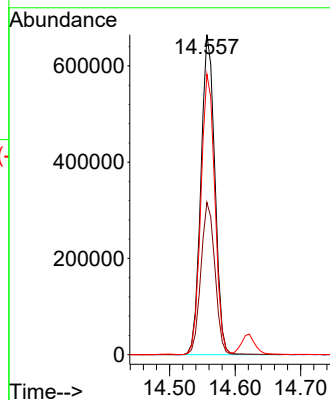
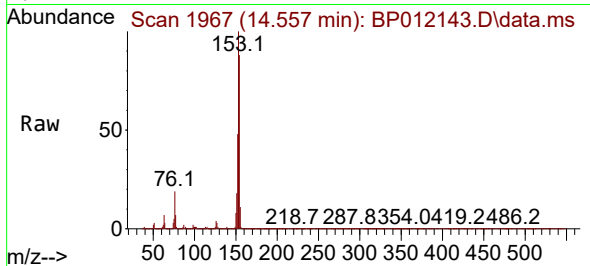




#52
Acenaphthene
Concen: 27.700 ng/ul
RT: 14.557 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

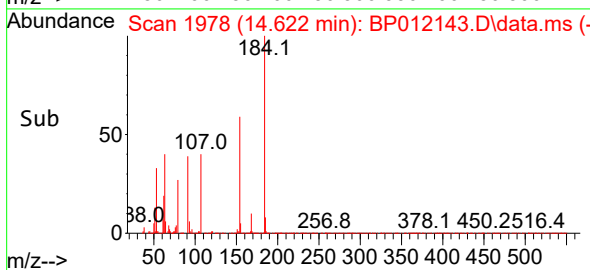
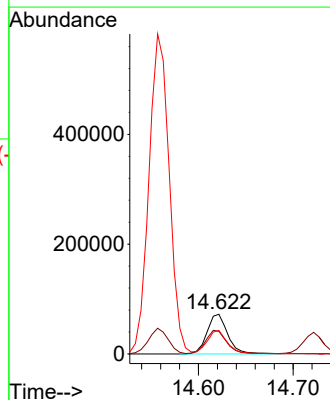
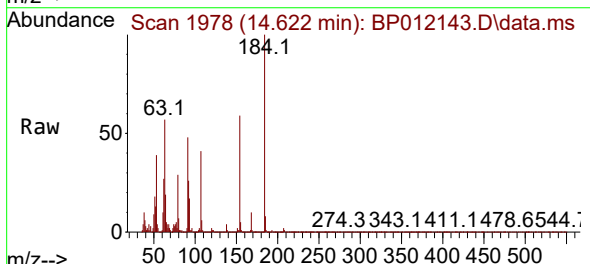
Instrument :
BNA_P
ClientSampleId :

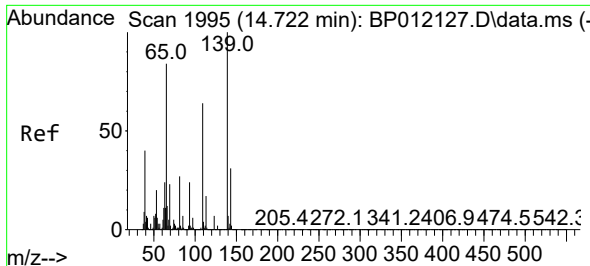
Tgt Ion:153 Resp: 985606
Ion Ratio Lower Upper
153 100
152 47.6 38.2 57.2
154 87.7 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 25.556 ng/ul
RT: 14.622 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:184 Resp: 110012
Ion Ratio Lower Upper
184 100
63 56.8 45.5 68.3
154 59.2 47.0 70.6

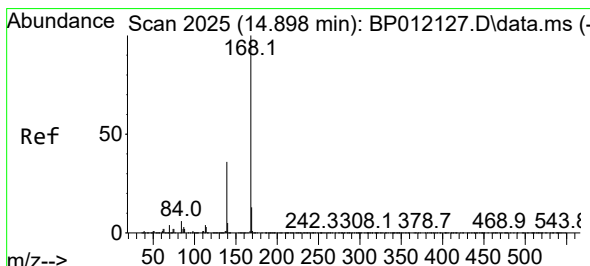
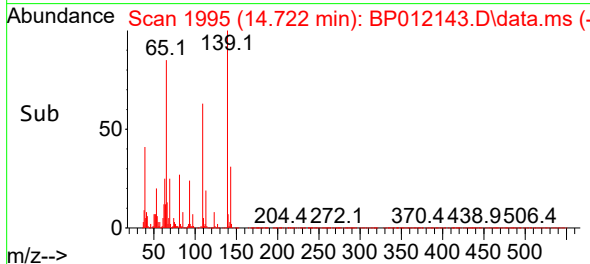
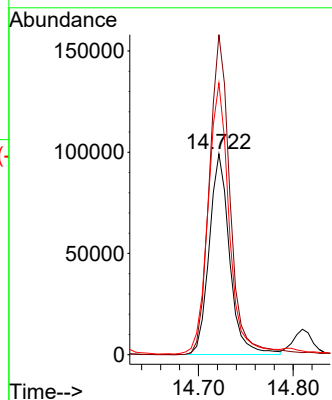
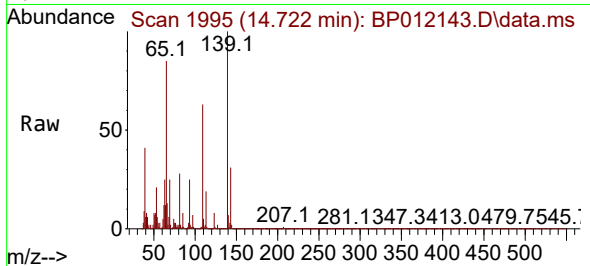




#55
4-Nitrophenol
Concen: 30.543 ng/ul
RT: 14.722 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

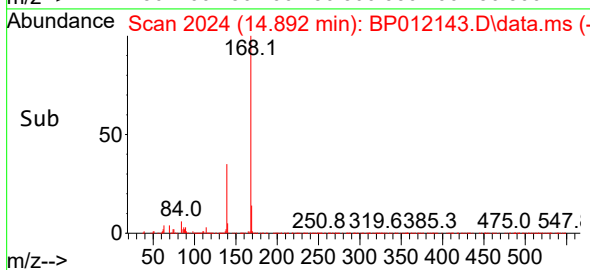
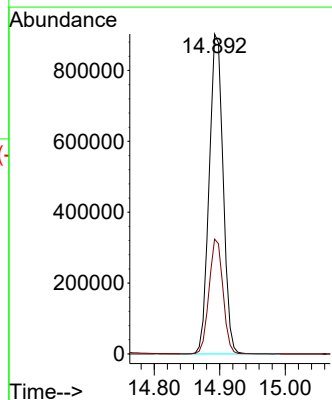
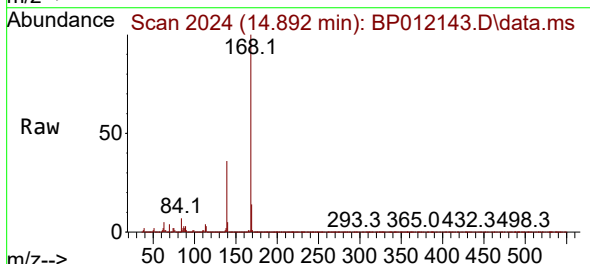
Instrument :
BNA_P
ClientSampleId :

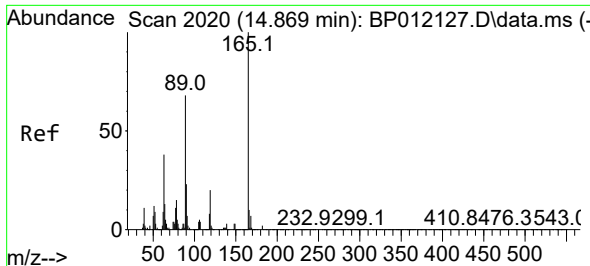
Tgt Ion:109 Resp: 148087
Ion Ratio Lower Upper
109 100
139 159.3 124.1 186.1
65 135.3 104.2 156.4



#56
Dibenzofuran
Concen: 27.750 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:168 Resp: 1334448
Ion Ratio Lower Upper
168 100
139 35.9 28.2 42.4

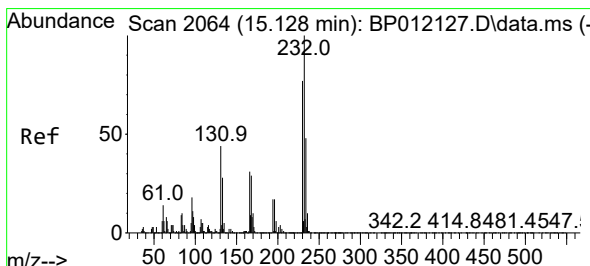
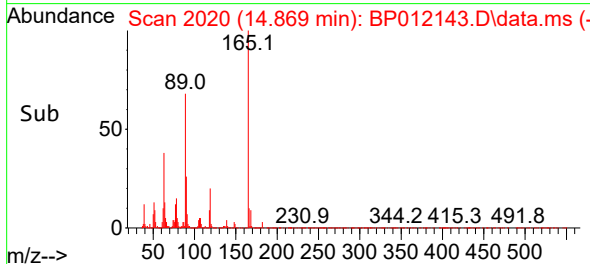
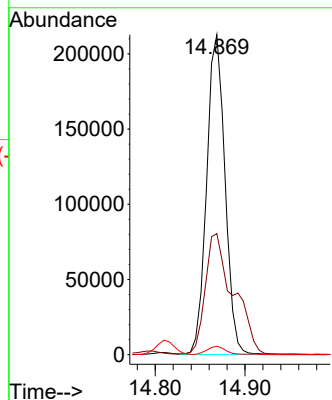
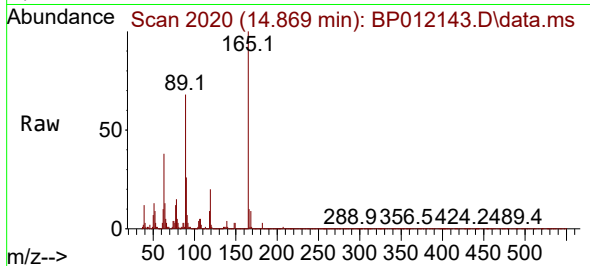




#57
2,4-Dinitrotoluene
Concen: 31.497 ng/ul
RT: 14.869 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

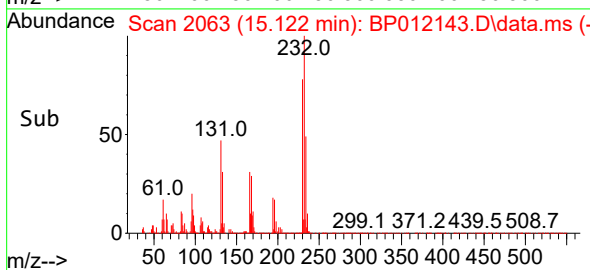
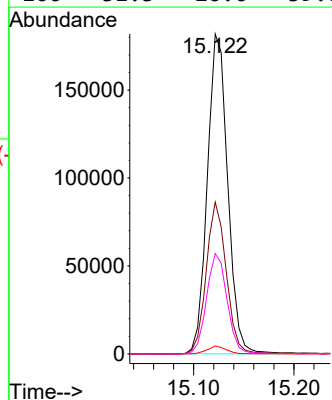
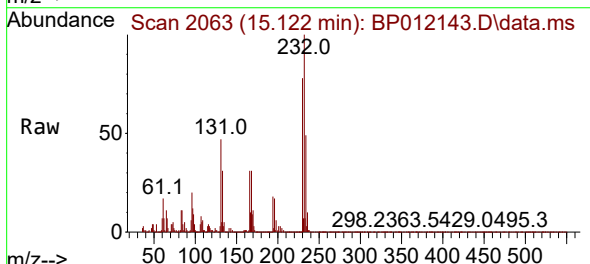
Instrument :
BNA_P
ClientSampleId :

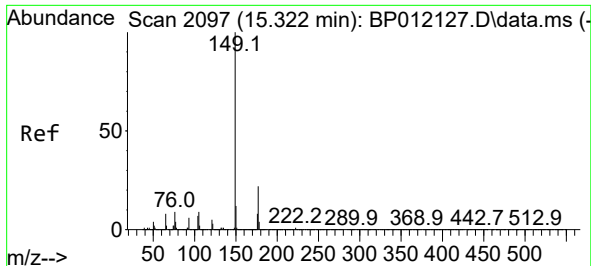
Tgt Ion:165 Resp: 301630
Ion Ratio Lower Upper
165 100
63 37.8 31.1 46.7
182 2.6 1.8 2.6#



#58
2,3,4,6-Tetrachlorophenol
Concen: 29.234 ng/ul
RT: 15.122 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:232 Resp: 257202
Ion Ratio Lower Upper
232 100
131 47.5 37.8 56.6
130 2.5 1.8 2.6
166 31.3 26.6 39.8

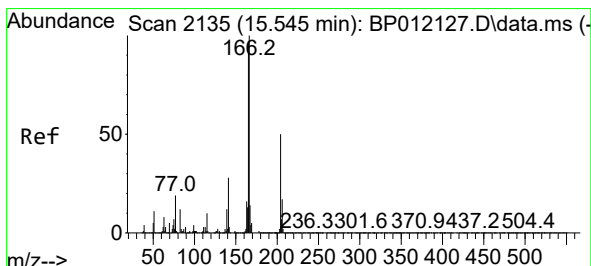
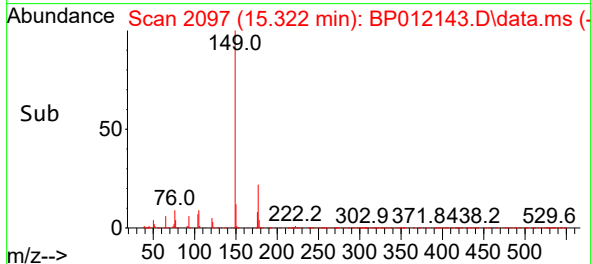
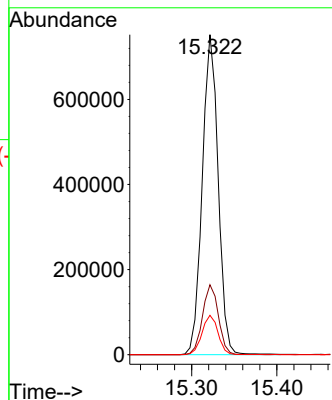
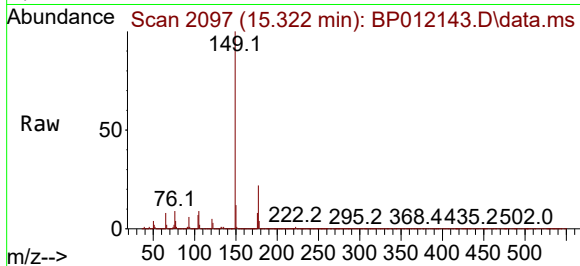




#59
Diethylphthalate
Concen: 28.242 ng/ul
RT: 15.322 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

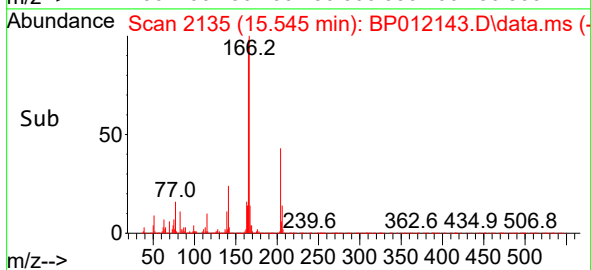
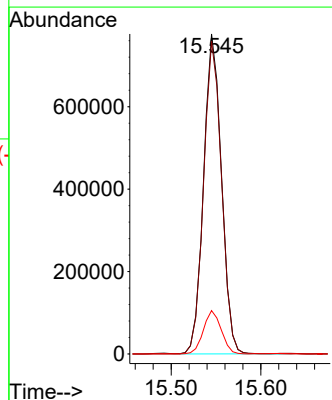
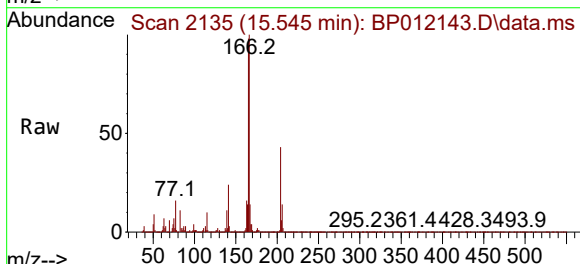
Instrument :
BNA_P
ClientSampleId :

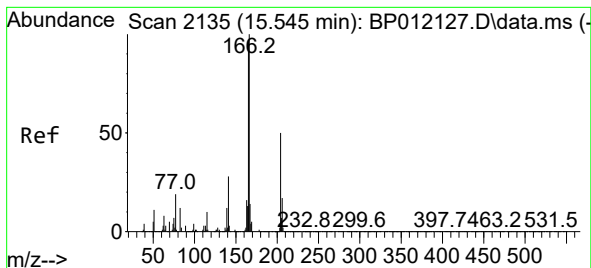
Tgt Ion:149 Resp: 973434
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.3 9.8 14.8



#61
Fluorene
Concen: 28.401 ng/ul
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:166 Resp: 1072077
Ion Ratio Lower Upper
166 100
165 97.7 79.5 119.3
167 13.6 10.9 16.3

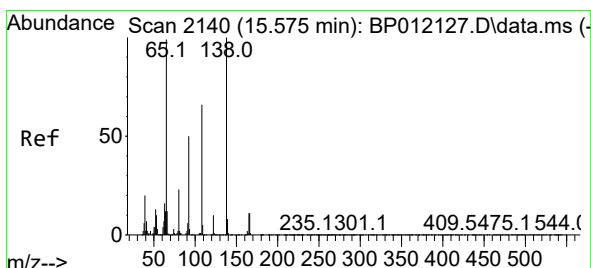
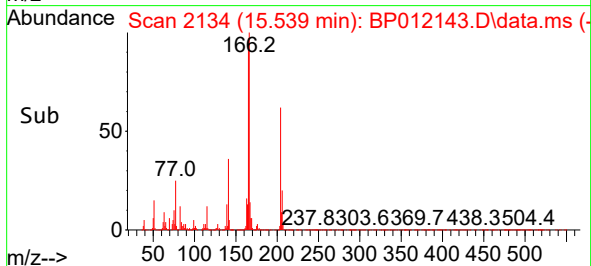
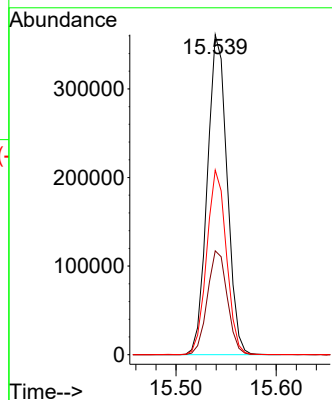
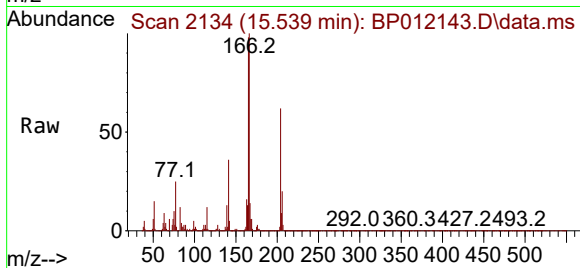




#62
4-Chlorophenyl-phenylether
Concen: 27.136 ng/ul
RT: 15.539 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

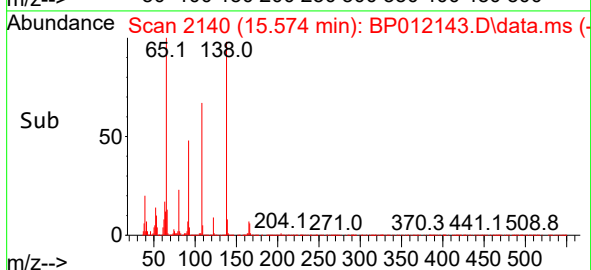
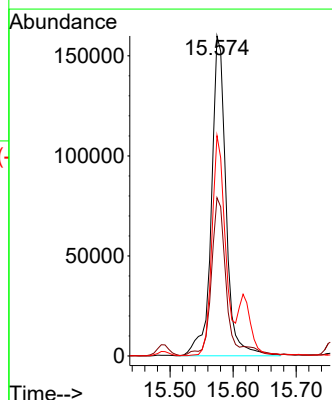
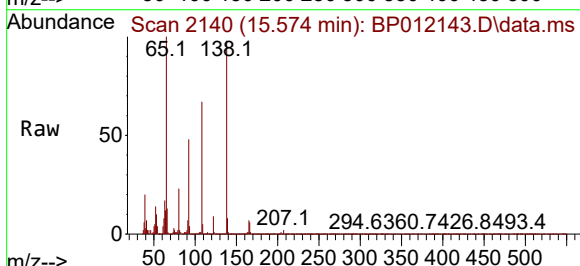
Instrument :
BNA_P
ClientSampleId :

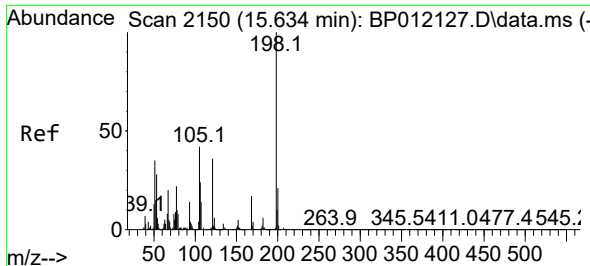
Tgt Ion:204 Resp: 495526
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.2
141 57.7 46.2 69.2



#63
4-Nitroaniline
Concen: 36.360 ng/ul
RT: 15.574 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:138 Resp: 257598
Ion Ratio Lower Upper
138 100
92 49.4 39.2 58.8
108 68.8 55.4 83.0

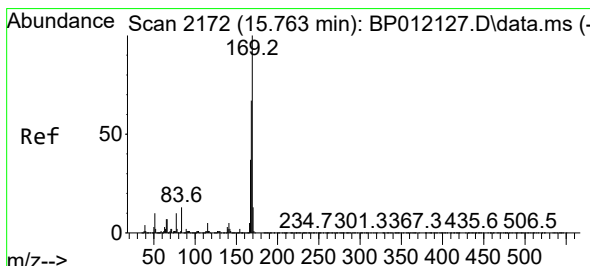
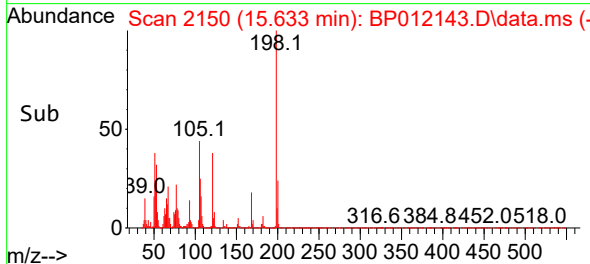
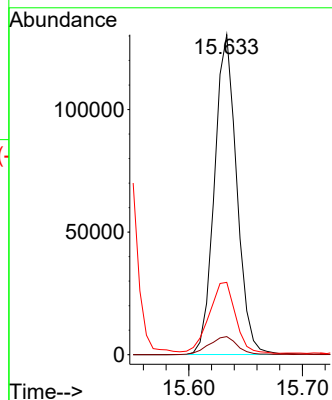
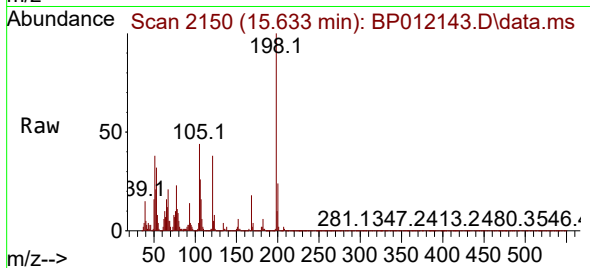




#66
4,6-Dinitro-2-methylphenol
Concen: 27.809 ng/ul
RT: 15.633 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

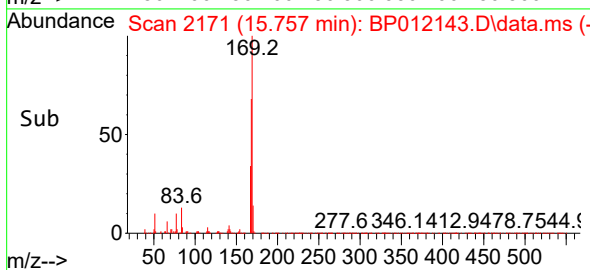
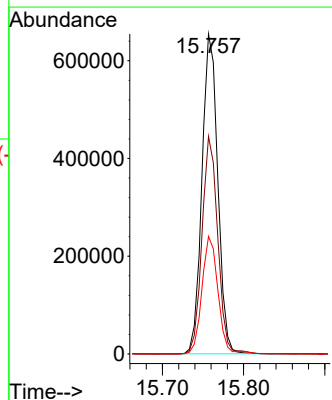
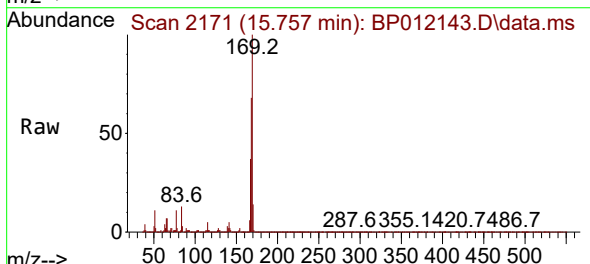
Instrument :
BNA_P
ClientSampleId :

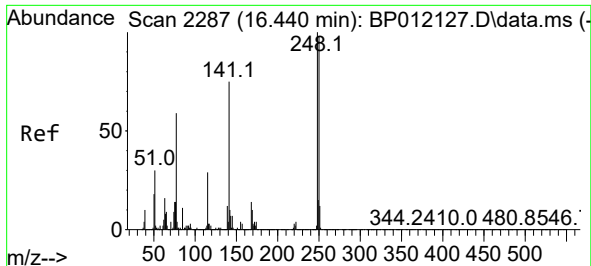
Tgt Ion:198 Resp: 177876
Ion Ratio Lower Upper
198 100
182 5.6 4.9 7.3
77 22.6 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 26.704 ng/ul
RT: 15.757 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:169 Resp: 885642
Ion Ratio Lower Upper
169 100
168 68.0 53.5 80.3
167 36.7 29.5 44.3

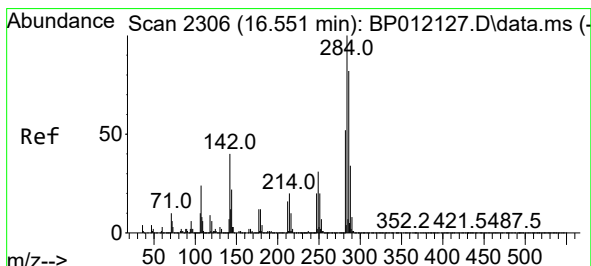
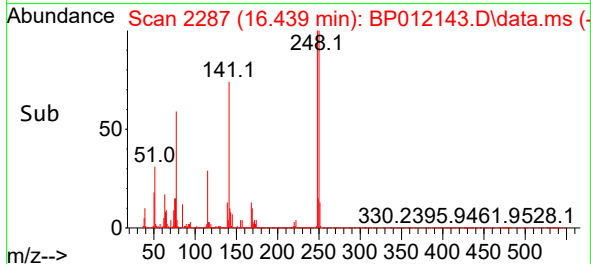
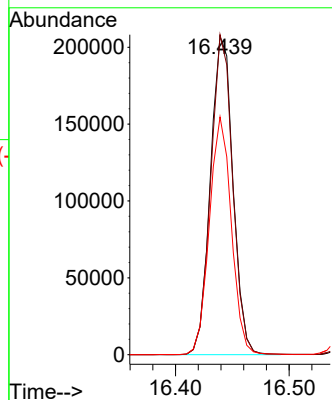
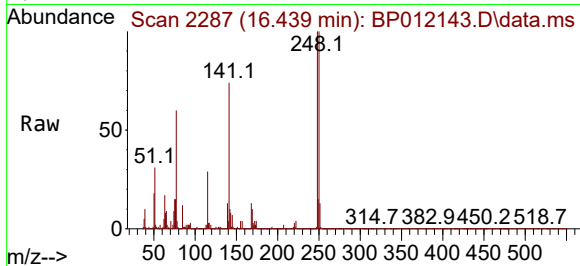




#68
4-Bromophenyl-phenylether
Concen: 26.153 ng/ul
RT: 16.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

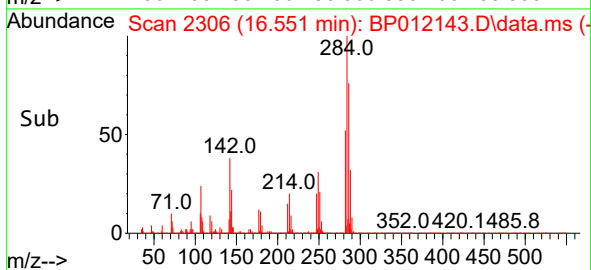
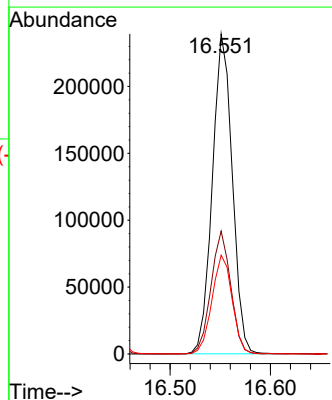
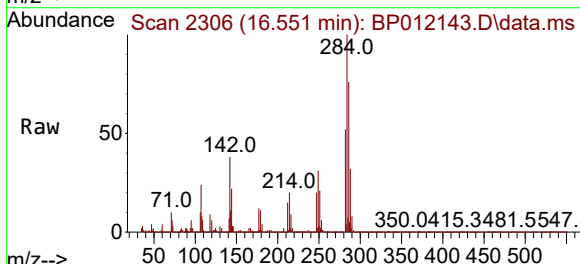
Instrument :
BNA_P
ClientSampleId :

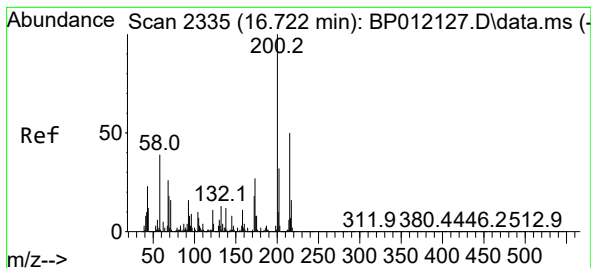
Tgt Ion:248 Resp: 285157
Ion Ratio Lower Upper
248 100
250 100.5 77.9 116.9
141 74.7 59.5 89.3



#69
Hexachlorobenzene
Concen: 26.110 ng/ul
RT: 16.551 min Scan# 2306
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:284 Resp: 330432
Ion Ratio Lower Upper
284 100
142 38.4 30.5 45.7
249 30.8 25.4 38.0





#70

Atrazine

Concen: 27.748 ng/ul

RT: 16.716 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

Instrument :

BNA_P

ClientSampleId :

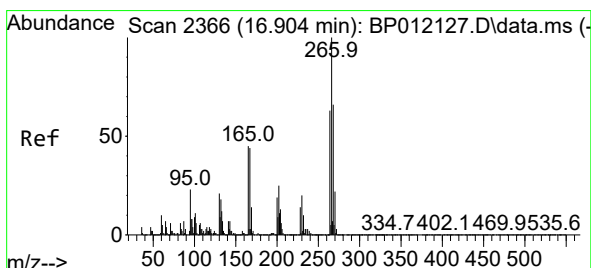
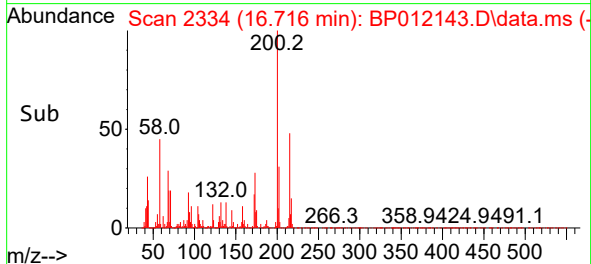
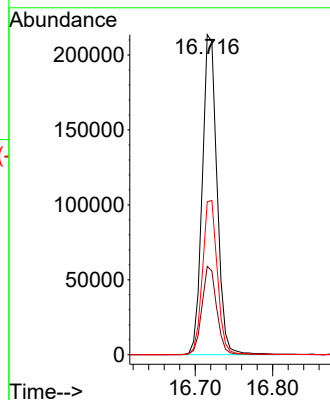
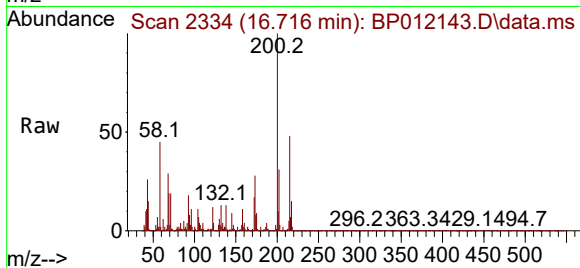
Tgt Ion:200 Resp: 282990

Ion Ratio Lower Upper

200 100

173 27.6 22.1 33.1

215 47.8 38.8 58.2



#71

Pentachlorophenol

Concen: 28.065 ng/ul

RT: 16.904 min Scan# 2366

Delta R.T. -0.006 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

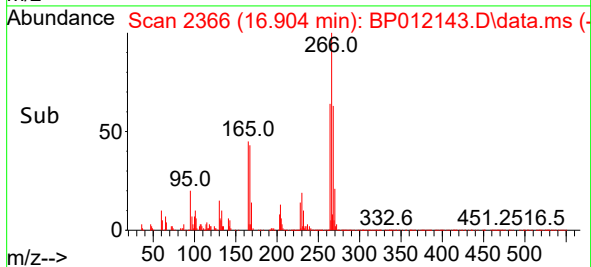
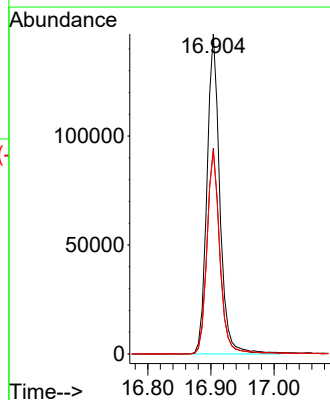
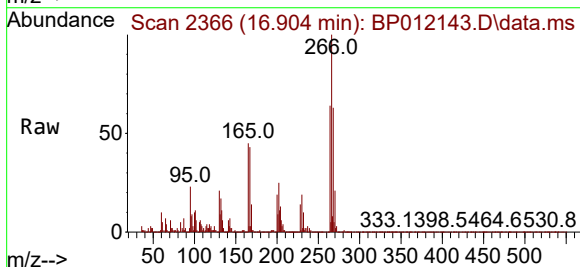
Tgt Ion:266 Resp: 208090

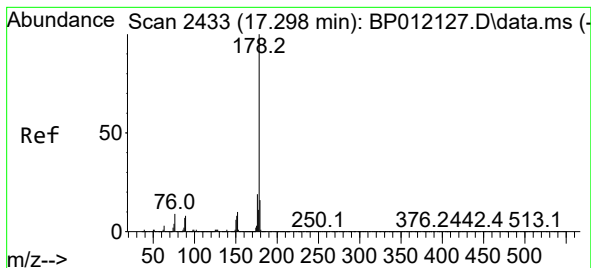
Ion Ratio Lower Upper

266 100

264 64.2 50.6 75.8

268 63.3 51.8 77.6





#72

Phenanthrene

Concen: 28.048 ng/ul

RT: 17.298 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

Instrument :

BNA_P

ClientSampleId :

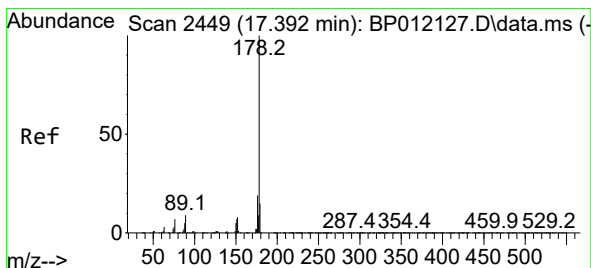
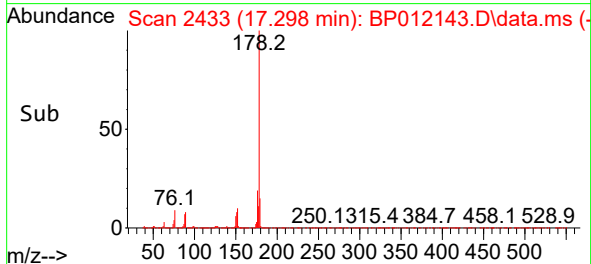
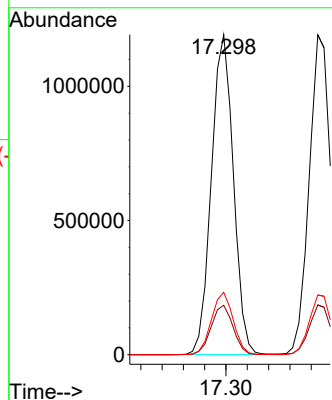
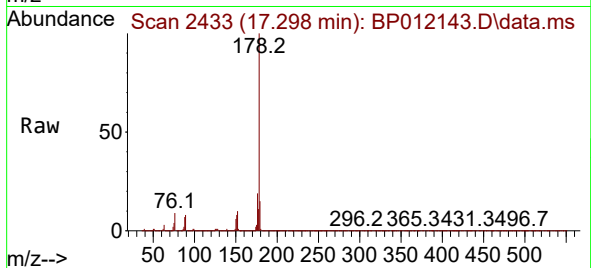
Tgt Ion:178 Resp: 1709153

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.5 15.8 23.6



#74

Anthracene

Concen: 28.339 ng/ul

RT: 17.386 min Scan# 2448

Delta R.T. -0.006 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

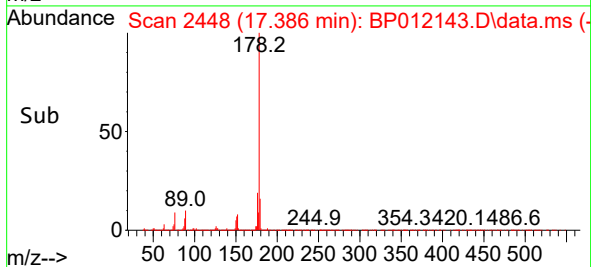
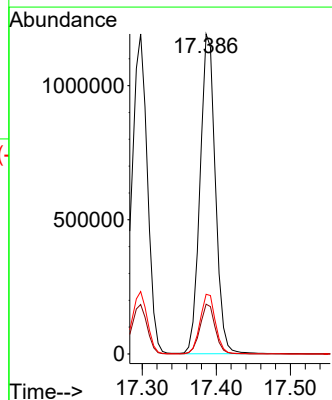
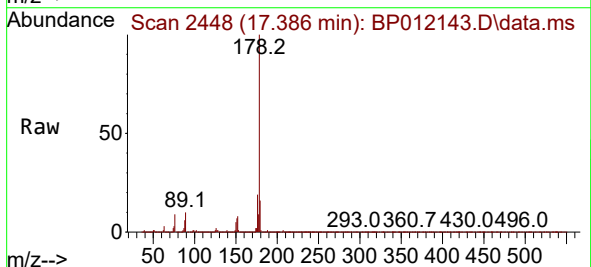
Tgt Ion:178 Resp: 1708927

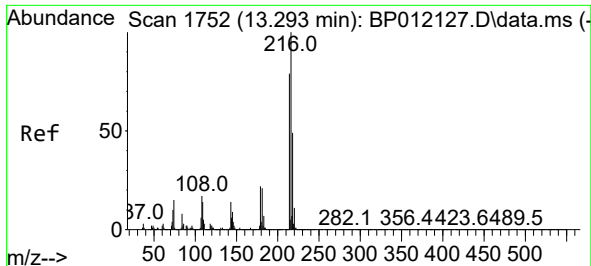
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 18.7 14.8 22.2

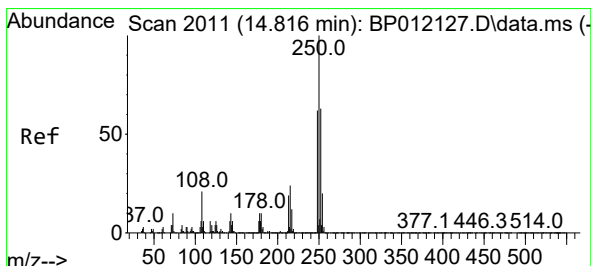
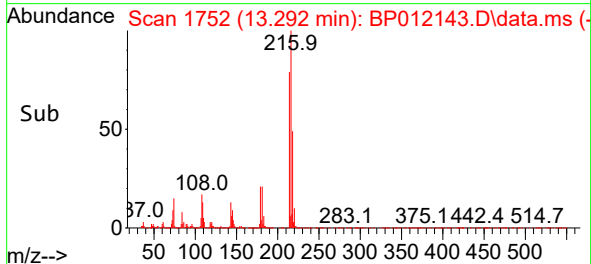
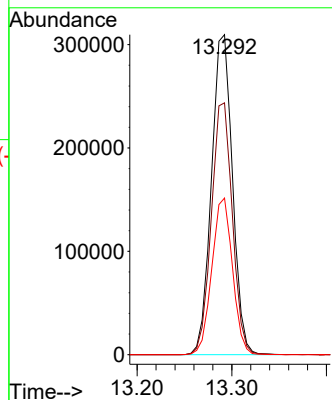
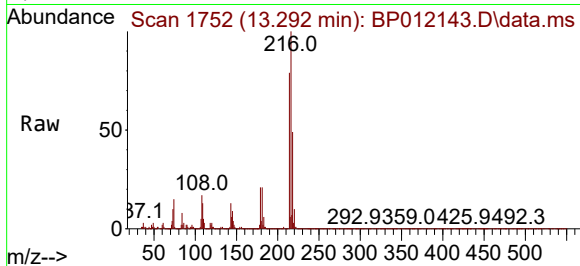




#75
1,2,3,4-Tetrachlorobenzene
Concen: 26.316 ng/uL
RT: 13.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

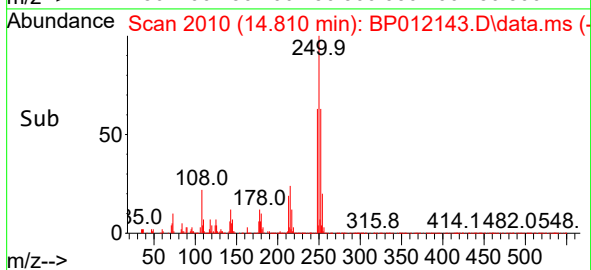
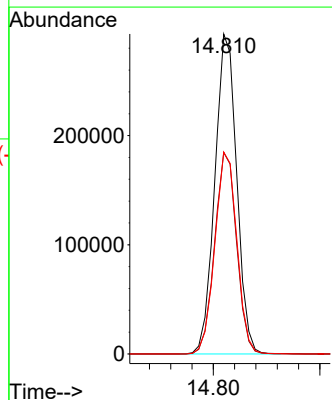
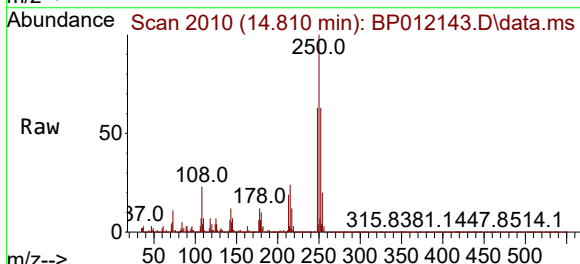
Instrument :
BNA_P
ClientSampleId :

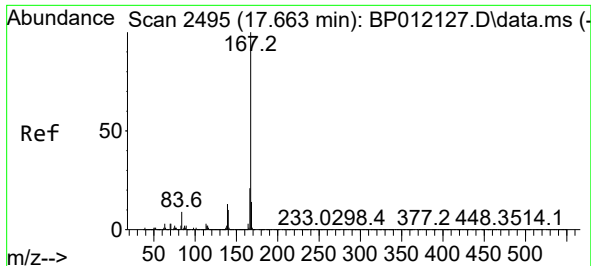
Tgt Ion:216 Resp: 476480
Ion Ratio Lower Upper
216 100
214 78.7 62.6 94.0
218 48.9 38.9 58.3



#76
Pentachlorobenzene
Concen: 23.423 ng/uL
RT: 14.810 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:250 Resp: 416510
Ion Ratio Lower Upper
250 100
248 62.9 51.4 77.2
252 63.1 50.7 76.1

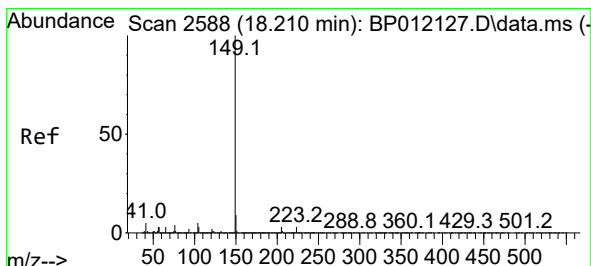
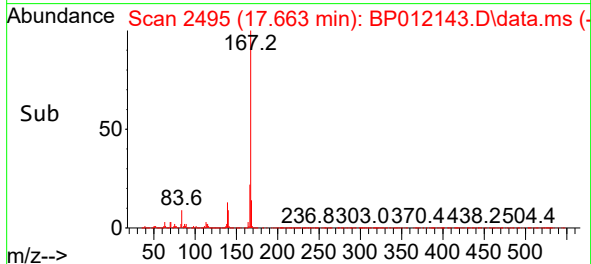
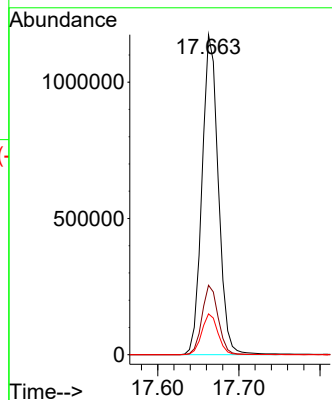
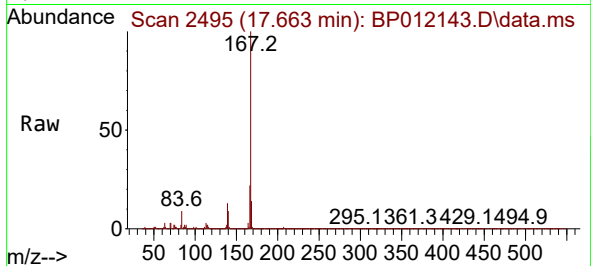




#77
 Carbazole
 Concen: 30.398 ng/ul
 RT: 17.663 min Scan# 2495
 Delta R.T. -0.006 min
 Lab File: BP012143.D
 Acq: 14 Oct 2022 18:09

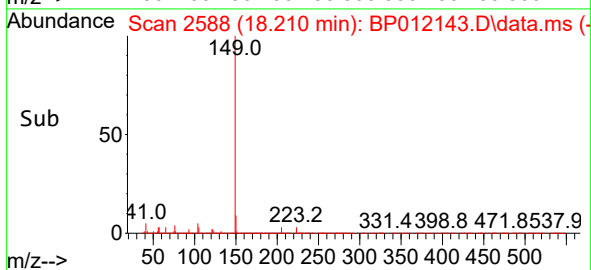
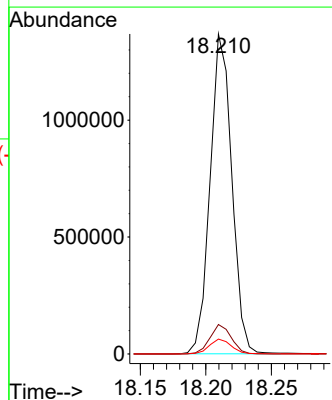
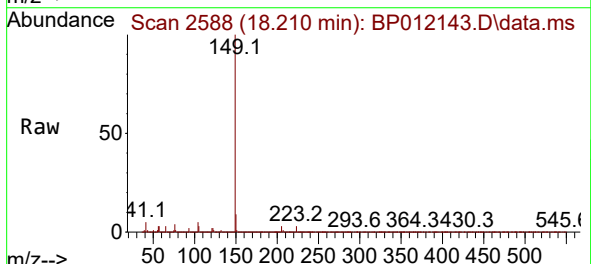
Instrument :
 BNA_P
 ClientSampleId :

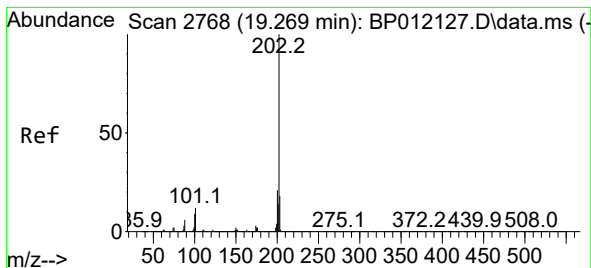
Tgt Ion:167 Resp: 1634877
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 12.7 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 29.515 ng/ul
 RT: 18.210 min Scan# 2588
 Delta R.T. -0.006 min
 Lab File: BP012143.D
 Acq: 14 Oct 2022 18:09

Tgt Ion:149 Resp: 1575260
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 4.7 3.4 5.2





#80

Fluoranthene

Concen: 26.160 ng/ul

RT: 19.268 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

Instrument :

BNA_P

ClientSampleId :

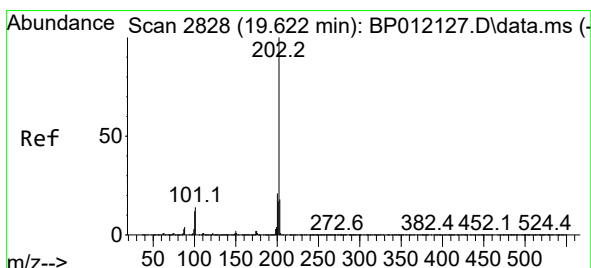
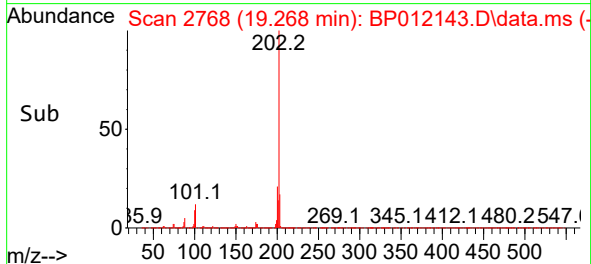
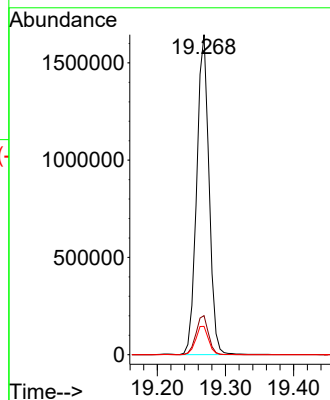
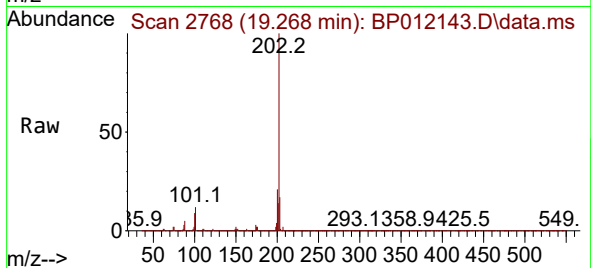
Tgt Ion:202 Resp: 2058331

Ion Ratio Lower Upper

202 100

101 12.2 9.0 13.6

100 8.9 7.0 10.6



#82

Pyrene

Concen: 26.418 ng/ul

RT: 19.621 min Scan# 2828

Delta R.T. -0.000 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

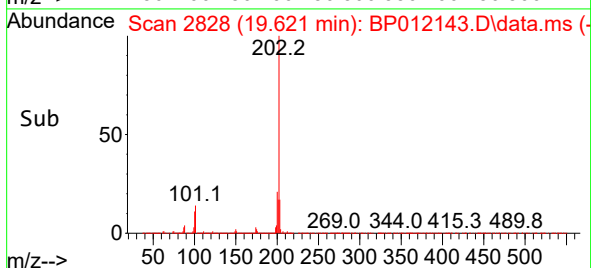
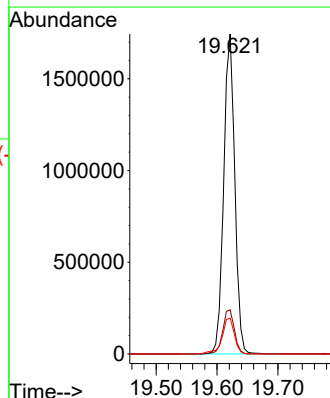
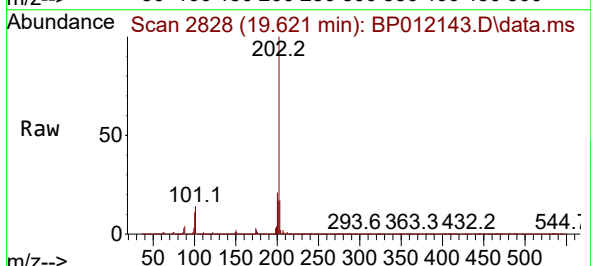
Tgt Ion:202 Resp: 2199766

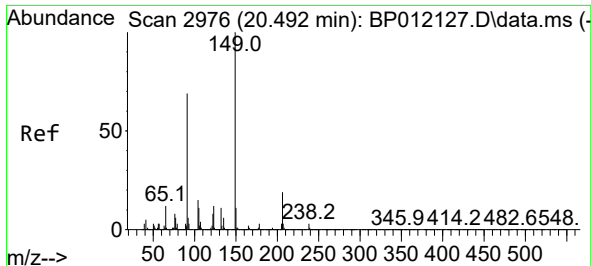
Ion Ratio Lower Upper

202 100

101 13.8 10.4 15.6

100 11.2 8.5 12.7

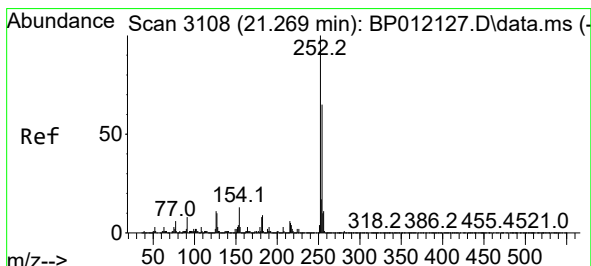
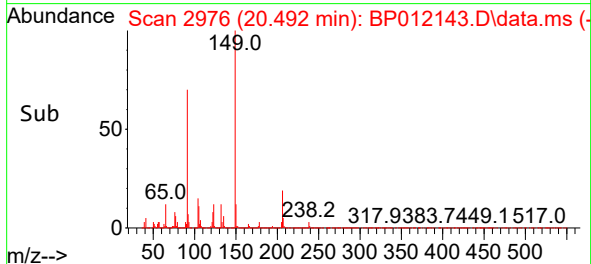
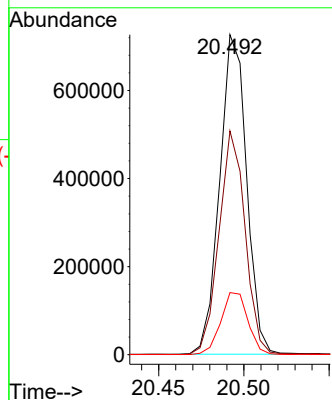
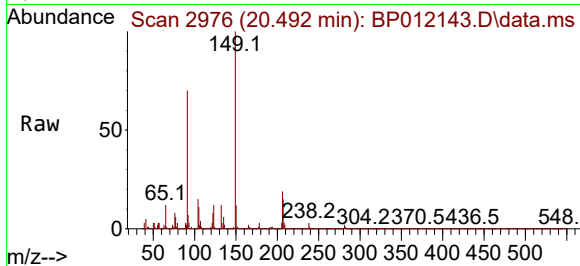




#83
 Butylbenzylphthalate
 Concen: 30.188 ng/ul
 RT: 20.492 min Scan# 2976
 Delta R.T. -0.006 min
 Lab File: BP012143.D
 Acq: 14 Oct 2022 18:09

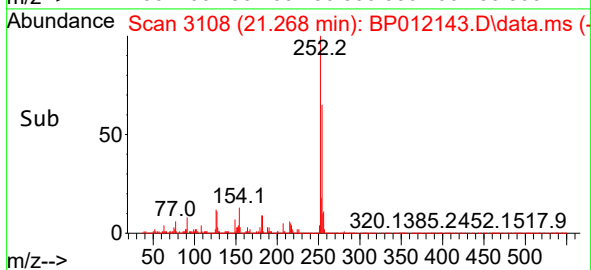
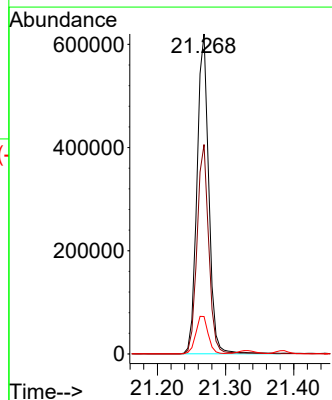
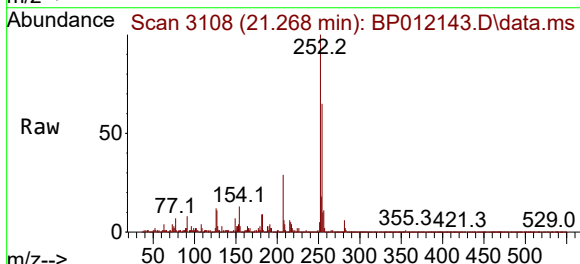
Instrument :
 BNA_P
 ClientSampleId :

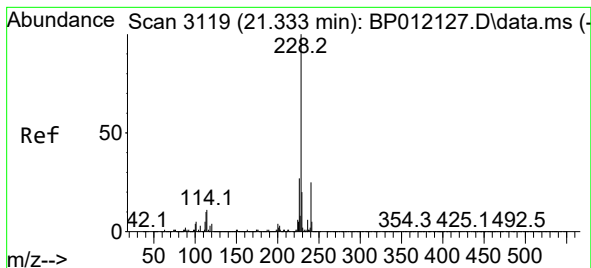
Tgt Ion:149 Resp: 796822
 Ion Ratio Lower Upper
 149 100
 91 69.9 48.5 72.7
 206 19.4 17.9 26.9



#84
 3,3'-Dichlorobenzidine
 Concen: 26.694 ng/ul
 RT: 21.268 min Scan# 3108
 Delta R.T. -0.000 min
 Lab File: BP012143.D
 Acq: 14 Oct 2022 18:09

Tgt Ion:252 Resp: 737270
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.4 77.2
 126 11.7 7.8 11.8





#85

Benzo(a)anthracene

Concen: 28.588 ng/ul

RT: 21.333 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

Instrument :

BNA_P

ClientSampleId :

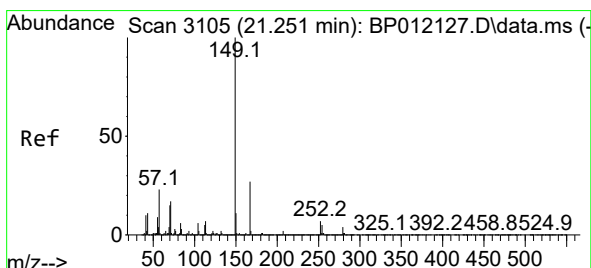
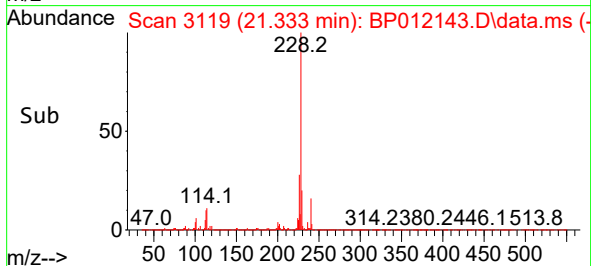
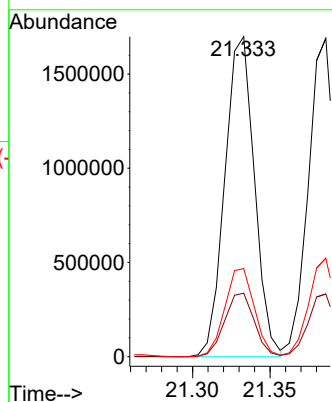
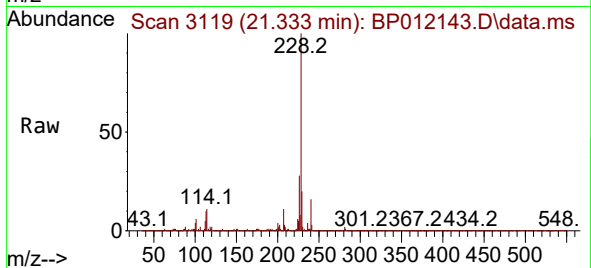
Tgt Ion:228 Resp: 2255408

Ion Ratio Lower Upper

228 100

229 19.9 15.7 23.5

226 27.5 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 31.052 ng/ul

RT: 21.251 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

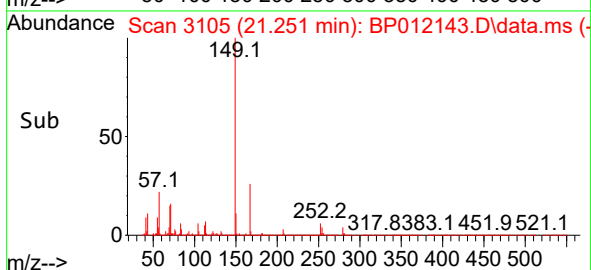
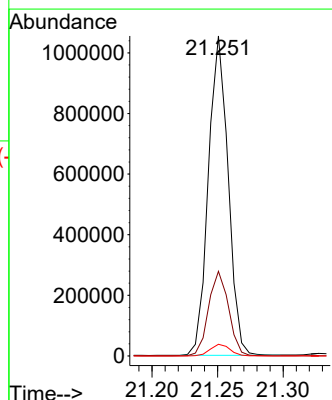
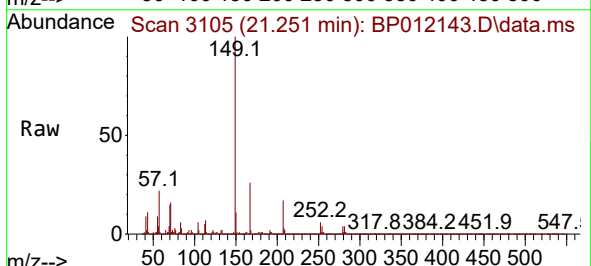
Tgt Ion:149 Resp: 1104950

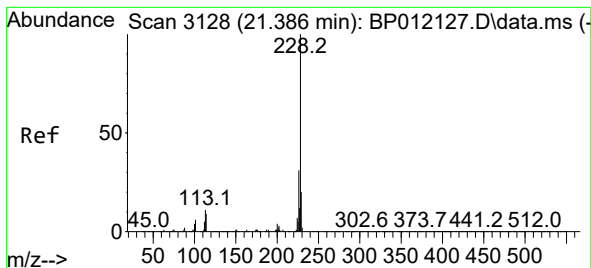
Ion Ratio Lower Upper

149 100

167 26.5 21.9 32.9

279 3.7 3.4 5.2





#87

Chrysene

Concen: 27.858 ng/ul

RT: 21.386 min Scan# 3128

Delta R.T. -0.000 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

Instrument :

BNA_P

ClientSampleId :

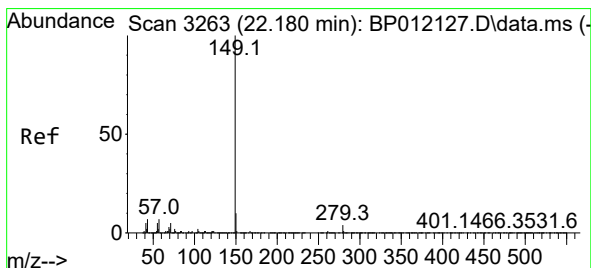
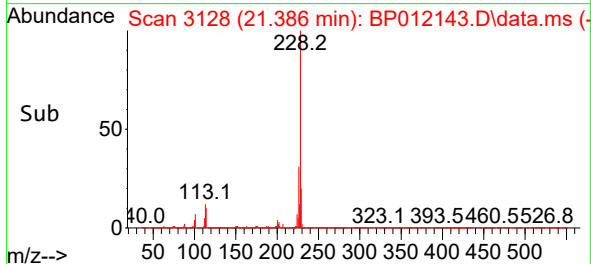
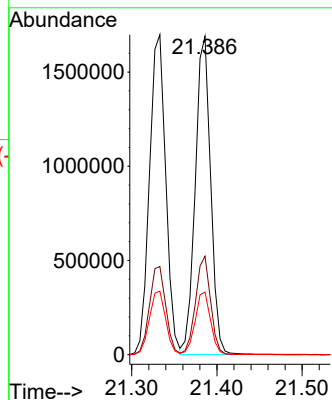
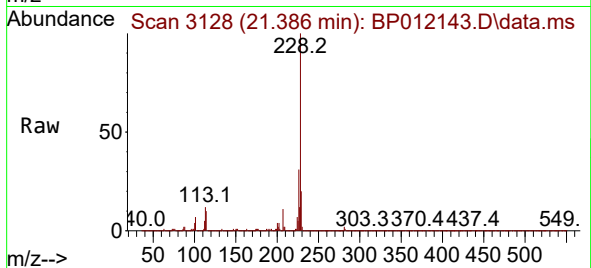
Tgt Ion:228 Resp: 2115564

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

229 19.7 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 29.812 ng/ul

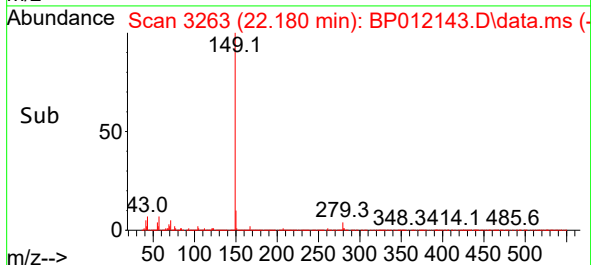
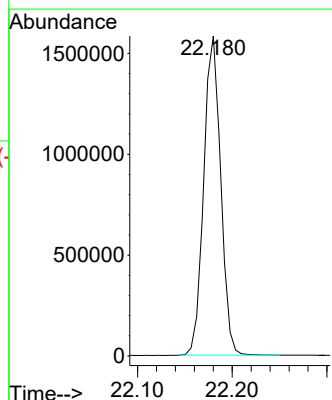
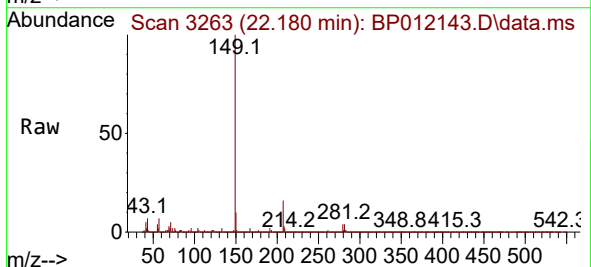
RT: 22.180 min Scan# 3263

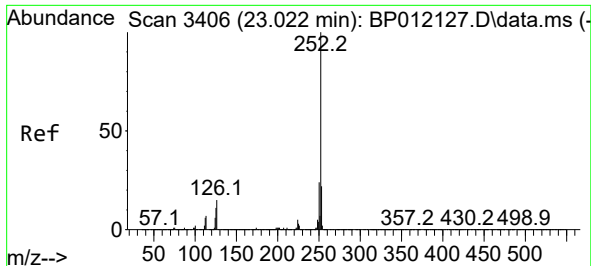
Delta R.T. -0.000 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

Tgt Ion:149 Resp: 1965110

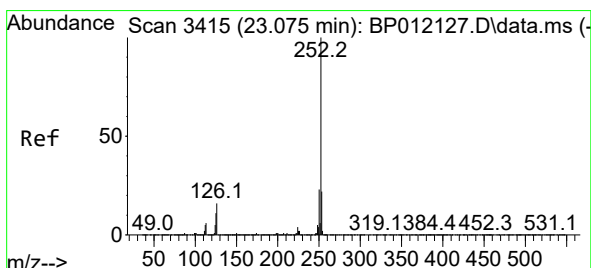
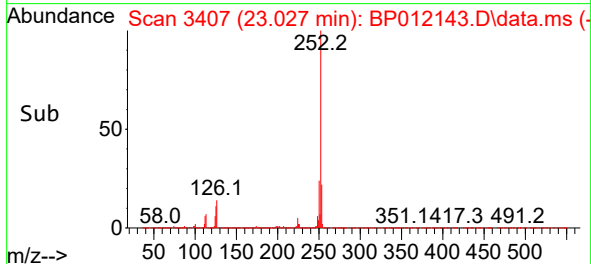
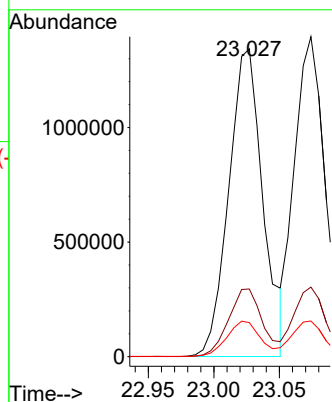
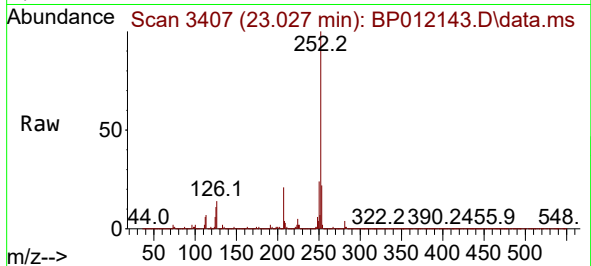




#90
Benzo(b)fluoranthene
Concen: 29.131 ng/ul
RT: 23.027 min Scan# 3406
Delta R.T. -0.000 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

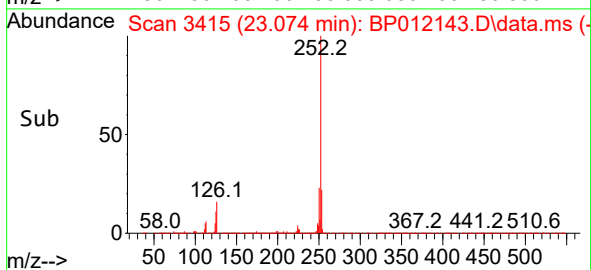
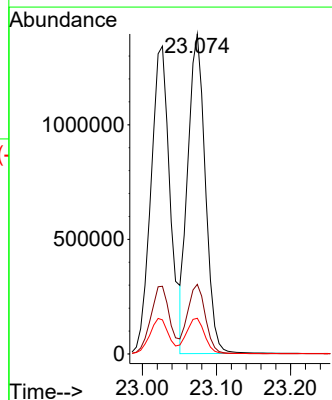
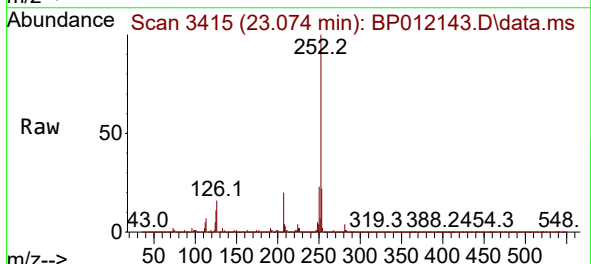
Instrument :
BNA_P
ClientSampleId :

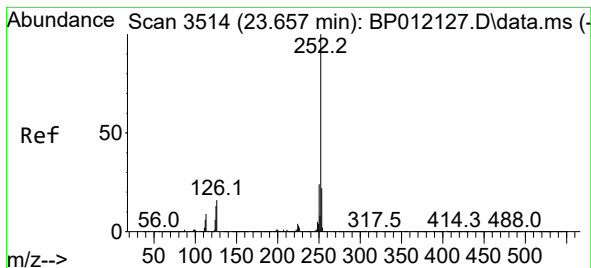
Tgt Ion:252 Resp: 2427809
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.1 7.8 11.8



#91
Benzo(k)fluoranthene
Concen: 27.720 ng/ul
RT: 23.074 min Scan# 3415
Delta R.T. -0.000 min
Lab File: BP012143.D
Acq: 14 Oct 2022 18:09

Tgt Ion:252 Resp: 2272355
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 11.1 8.2 12.2





#93

Benzo(a)pyrene

Concen: 28.548 ng/ul

RT: 23.656 min Scan# 3514

Delta R.T. -0.000 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

Instrument :

BNA_P

ClientSampleId :

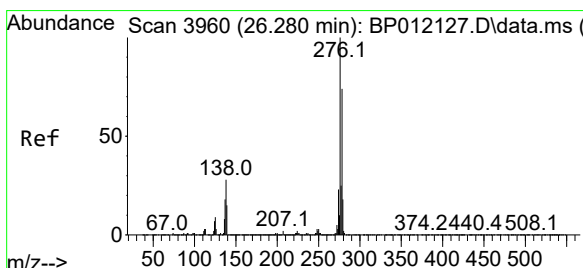
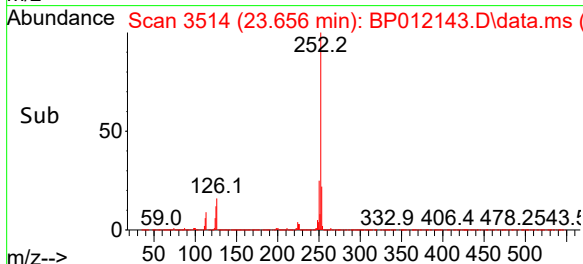
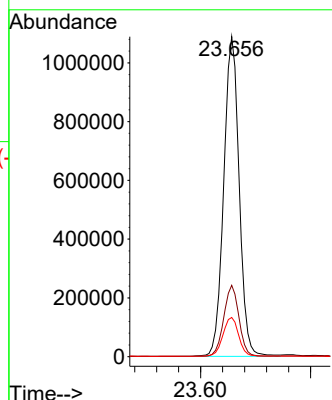
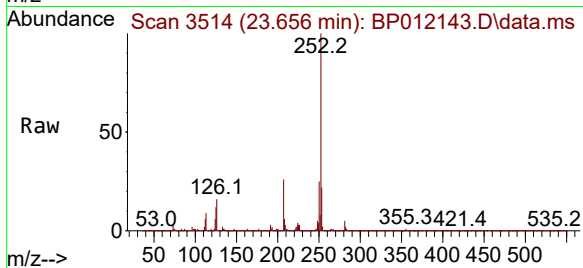
Tgt Ion:252 Resp: 2122657

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 12.3 8.9 13.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 29.143 ng/ul

RT: 26.280 min Scan# 3960

Delta R.T. -0.000 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

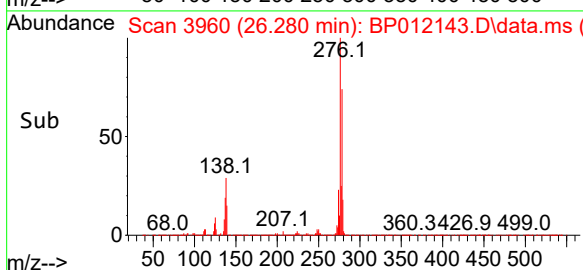
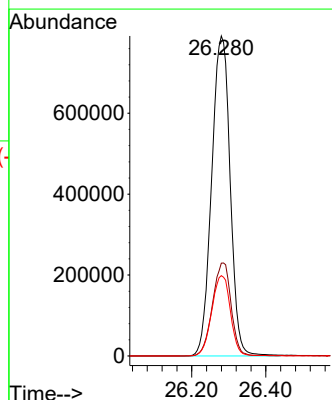
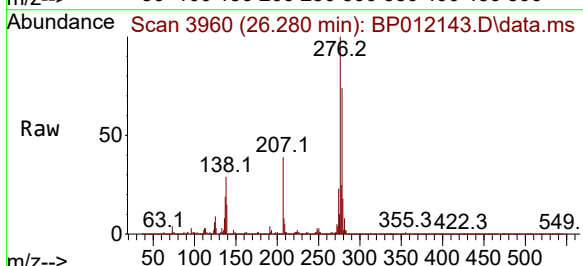
Tgt Ion:276 Resp: 2739855

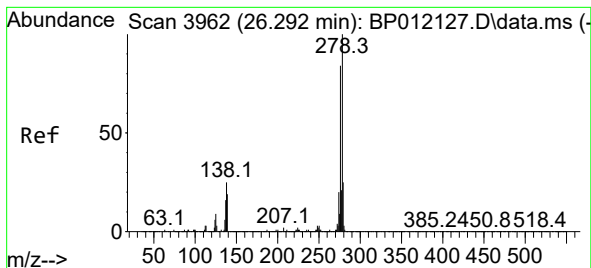
Ion Ratio Lower Upper

276 100

138 29.0 19.1 28.7#

277 25.1 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 27.887 ng/ul

RT: 26.297 min Scan# 3962

Delta R.T. -0.000 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

Instrument :

BNA_P

ClientSampleId :

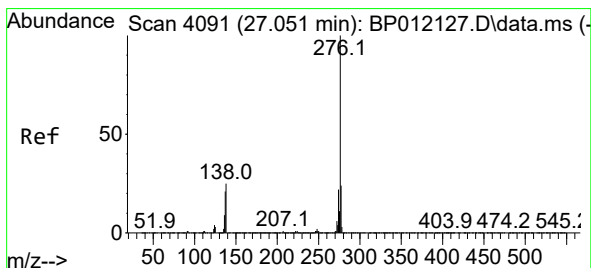
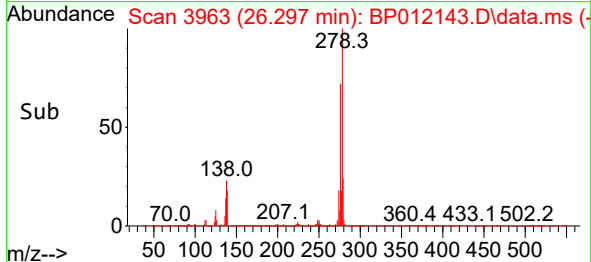
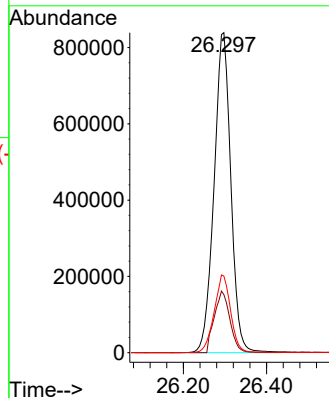
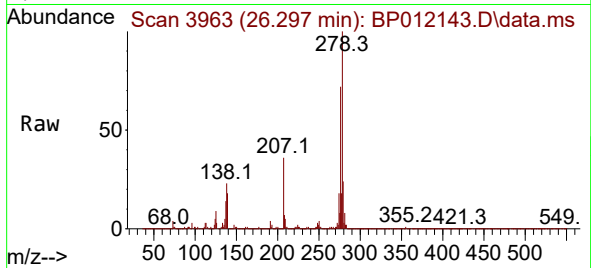
Tgt Ion:278 Resp: 2352052

Ion Ratio Lower Upper

278 100

139 18.2 12.5 18.7

279 23.9 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 27.116 ng/ul

RT: 27.050 min Scan# 4091

Delta R.T. -0.006 min

Lab File: BP012143.D

Acq: 14 Oct 2022 18:09

Tgt Ion:276 Resp: 2298500

Ion Ratio Lower Upper

276 100

138 24.7 16.5 24.7

277 23.6 19.0 28.4

