

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112922\
 Data File : BP012846.D
 Acq On : 29 Nov 2022 11:47
 Operator : CG/JU
 Sample : N5659-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 29 21:56:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Nov 27 22:55:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	508611	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	2338859	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1582692	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	3466898	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	3473500	20.000	ng/ul	0.00
88) Perylene-d12	24.004	264	3176205	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	61183	5.155	ng/uL	0.00
4) Pyridine-d5	3.822	84	204742	5.764	ng/ul	0.00
7) Phenol-d5	7.163	99	1335346	31.951	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	823798	31.988	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	1038889	32.622	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	1111190	32.999	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	516547	36.084	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	572374	37.656	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	1152705	32.502	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1288986	26.541	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	3804081	34.919	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	4187510	32.944	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	722158	37.182	ng/ul	0.00
60) Fluorene-d10	15.639	176	3318908	34.787	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	622241	37.552	ng/ul	0.00
73) Anthracene-d10	17.504	188	5436621	35.624	ng/ul	0.00
81) Pyrene-d10	19.727	212	6631798	32.858	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	5914334	37.909	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	117202	9.194	ng/uL	100
5) Pyridine	3.840	79	273213	7.861	ng/ul	98
6) Benzaldehyde	7.146	77	663302	32.505	ng/ul	99
8) Phenol	7.187	94	1184634	27.032	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	955349	26.606	ng/ul	100
12) 2-Chlorophenol	7.575	128	936403	27.031	ng/ul	99
13) 2-Methylphenol	8.452	108	914680	26.855	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1341812	25.908	ng/ul	100
16) Acetophenone	8.840	105	1518419	28.450	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	731540	27.824	ng/ul	97
18) 4-Methylphenol	8.781	108	1011139	26.956	ng/ul	99
19) Hexachloroethane	9.105	117	350368	26.374	ng/ul	95
22) Nitrobenzene	9.222	77	1051584	28.009	ng/ul	99
23) Isophorone	9.752	82	2133461	25.776	ng/ul	100
25) 2-Nitrophenol	9.934	139	548088	30.040	ng/ul	98
26) 2,4-Dimethylphenol	9.993	107	1051950	25.947	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.234	93	1319640	26.005	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	981698	26.720	ng/ul	100
30) Naphthalene	10.881	128	3225417	26.336	ng/ul	99
32) 4-Chloroaniline	10.987	127	1200795	24.075	ng/ul	98
33) Hexachlorobutadiene	11.169	225	630173	25.751	ng/ul	99
34) Caprolactam	11.763	113	157334	13.946	ng/ul	88
35) 4-Chloro-3-methylphenol	12.098	107	1037678	27.891	ng/ul	99
36) 2-Methylnaphthalene	12.481	142	2255681	26.746	ng/ul	99

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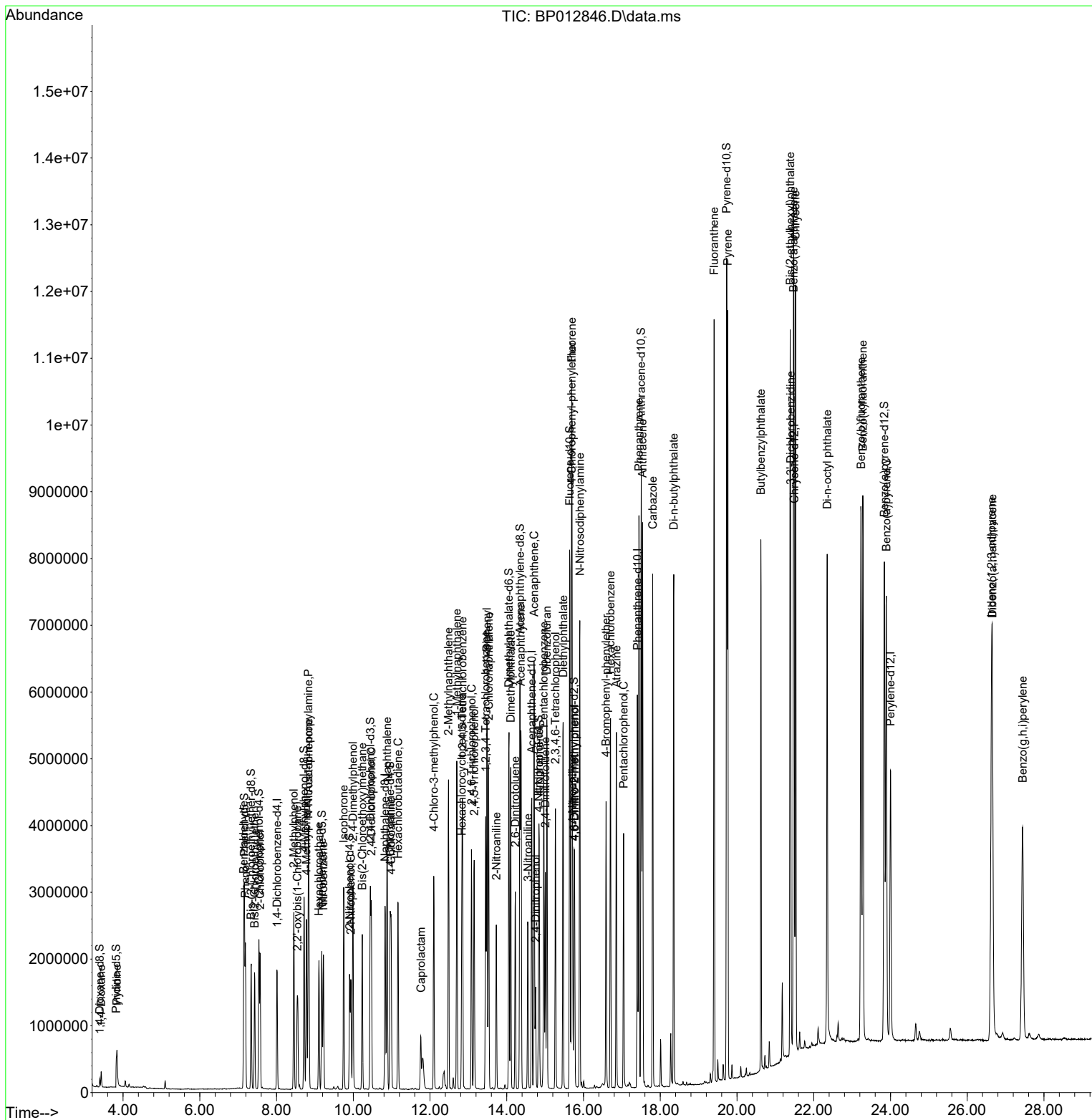
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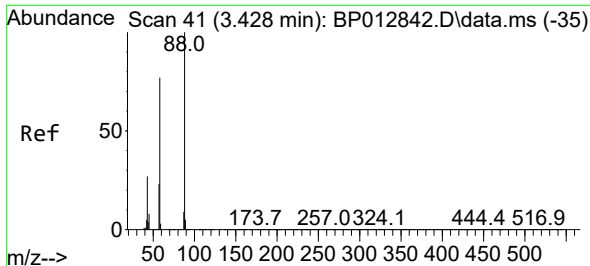
Quant Time: Nov 29 21:56:55 2022
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 QLast Update : Sun Nov 27 22:55:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	2267780	26.830	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	1290140	25.563	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	525188	21.596	ng/ul	100
41) 2,4,6-Trichlorophenol	13.081	196	840601	26.619	ng/ul	98
42) 2,4,5-Trichlorophenol	13.151	196	927971	27.336	ng/ul	99
43) 1,1'-Biphenyl	13.481	154	3013378	26.136	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	2405332	26.078	ng/ul	100
45) 2-Nitroaniline	13.728	65	624449	34.602	ng/ul	98
47) Dimethylphthalate	14.104	163	3187552	27.913	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	603961	33.795	ng/ul	98
50) Acenaphthylene	14.369	152	3720529	26.768	ng/ul	100
51) 3-Nitroaniline	14.551	138	624822	30.188	ng/ul	96
52) Acenaphthene	14.710	153	2601542	26.586	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	318678	27.750	ng/ul	96
55) 4-Nitrophenol	14.845	109	422039	29.909	ng/ul	95
56) Dibenzofuran	15.045	168	3670684	27.215	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	919106	34.851	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.269	232	849235	29.024	ng/ul	100
59) Diethylphthalate	15.469	149	3190256	28.861	ng/ul	99
61) Fluorene	15.698	166	3056107	28.254	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.687	204	1558993	27.779	ng/ul	99
63) 4-Nitroaniline	15.716	138	657323	37.262	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.769	198	552838	31.082	ng/ul	96
67) N-Nitrosodiphenylamine	15.904	169	2722955	27.636	ng/ul	99
68) 4-Bromophenyl-phenylether	16.586	248	837043	24.531	ng/ul	97
69) Hexachlorobenzene	16.704	284	1209509	27.811	ng/ul	97
70) Atrazine	16.857	200	948291	28.052	ng/ul	99
71) Pentachlorophenol	17.045	266	661368	24.764	ng/ul	97
72) Phenanthrene	17.445	178	5259690	28.466	ng/ul	100
74) Anthracene	17.539	178	5223443	28.575	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	1299594	24.247	ng/uL	100
76) Pentachlorobenzene	14.963	250	1286891	23.098	ng/uL	99
77) Carbazole	17.804	167	4841227	31.306	ng/ul	100
78) Di-n-butylphthalate	18.351	149	5677214	31.012	ng/ul	99
80) Fluoranthene	19.404	202	6479593	25.810	ng/ul	99
82) Pyrene	19.757	202	6682297	25.736	ng/ul	99
83) Butylbenzylphthalate	20.622	149	2329236	38.335	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.398	252	1762085	27.625	ng/ul	99
85) Benzo(a)anthracene	21.474	228	6568441	27.341	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.386	149	3431062	36.925	ng/ul	100
87) Chrysene	21.527	228	6075239	26.154	ng/ul	100
89) Di-n-octyl phthalate	22.351	149	5449033	30.042	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	6346846	26.985	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	6111037	26.029	ng/ul	100
93) Benzo(a)pyrene	23.892	252	5339484	27.607	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.633	276	5716408	30.635	ng/ul	99
95) Dibenzo(a,h)anthracene	26.657	278	5023316	29.668	ng/ul	99
96) Benzo(g,h,i)perylene	27.445	276	4530193	28.226	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

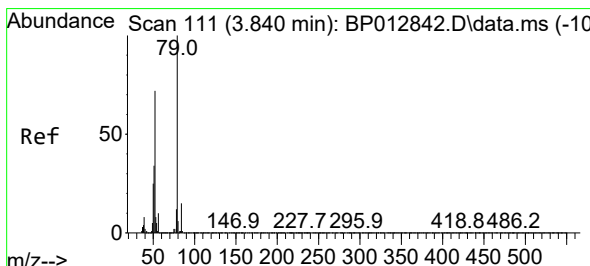
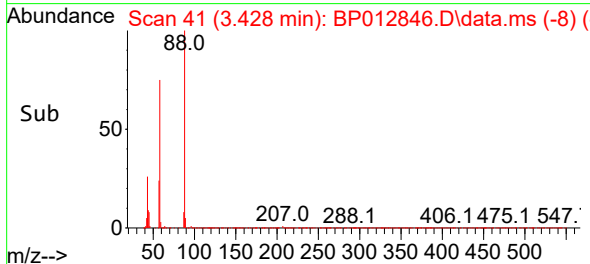
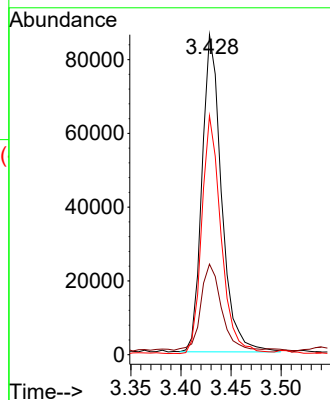
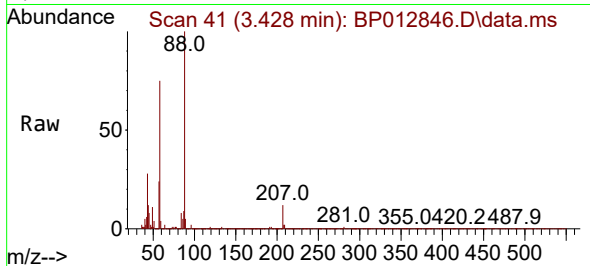




#2
1,4-Dioxane
Concen: 9.194 ng/uL
RT: 3.428 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP012846.D
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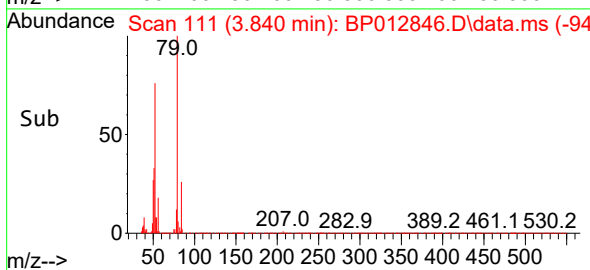
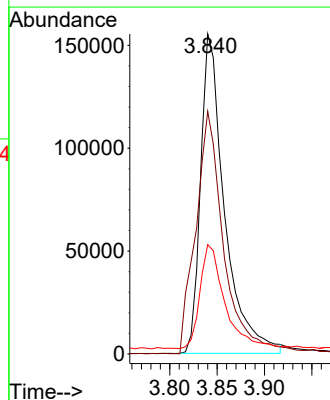
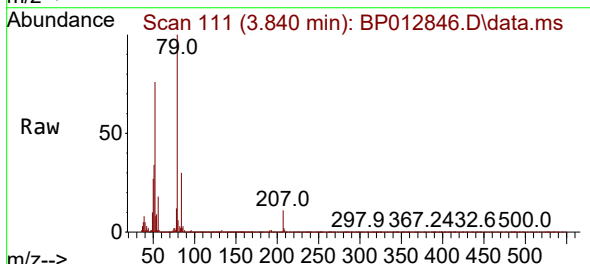
Instrument :
BNA_P
ClientSampleId :

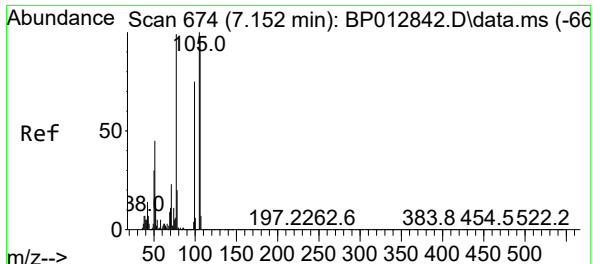
Tgt Ion: 88 Resp: 117202
Ion Ratio Lower Upper
88 100
43 28.3 22.6 34.0
58 74.7 59.6 89.4



#5
Pyridine
Concen: 7.861 ng/uL
RT: 3.840 min Scan# 111
Delta R.T. -0.000 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion: 79 Resp: 273213
Ion Ratio Lower Upper
79 100
52 75.8 58.9 88.3
51 34.2 27.3 40.9

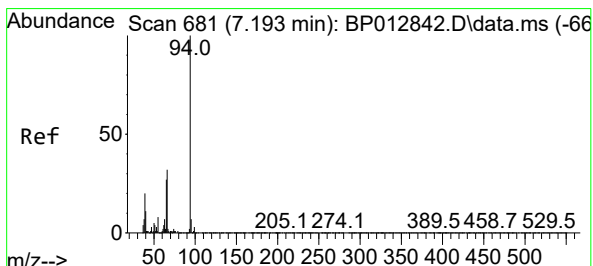
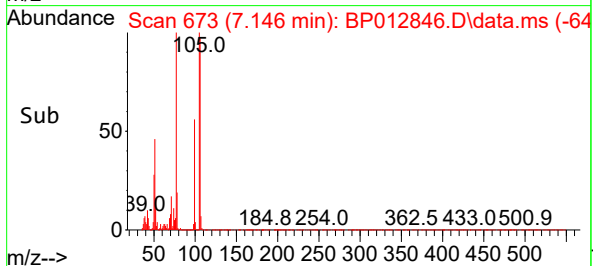
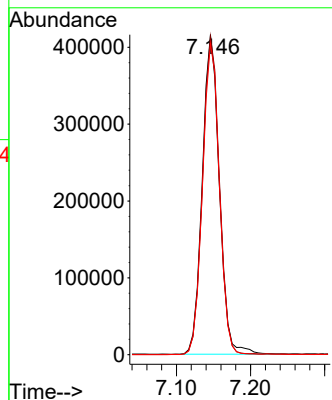
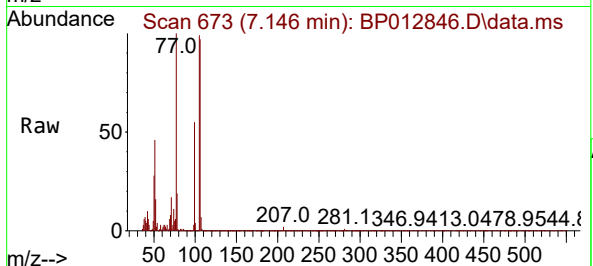




#6
Benzaldehyde
Concen: 32.505 ng/ul
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

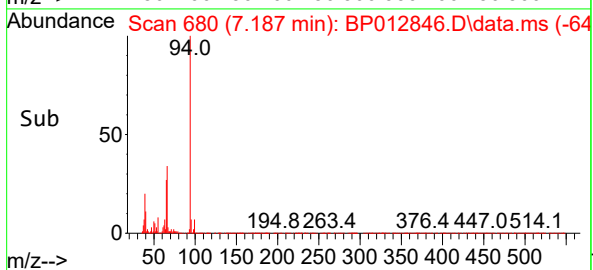
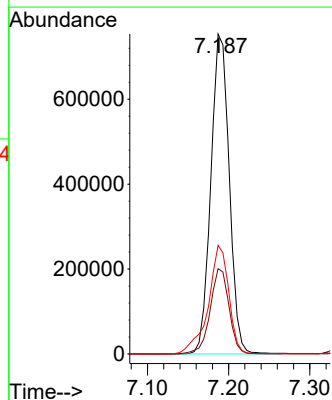
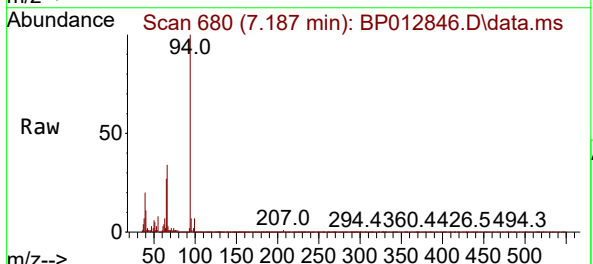
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ClientSampleId :

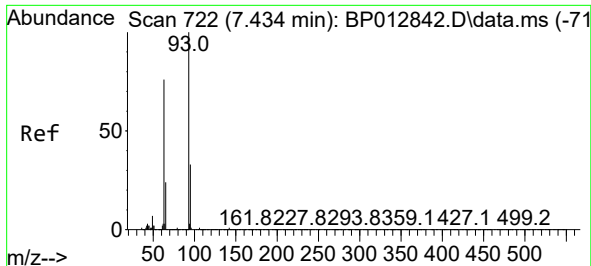
Tgt Ion: 77 Resp: 663302
Ion Ratio Lower Upper
77 100
105 99.5 81.4 122.2
106 97.2 77.4 116.0



#8
Phenol
Concen: 27.032 ng/ul
RT: 7.187 min Scan# 680
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion: 94 Resp: 1184634
Ion Ratio Lower Upper
94 100
65 26.7 20.9 31.3
66 34.0 26.0 39.0

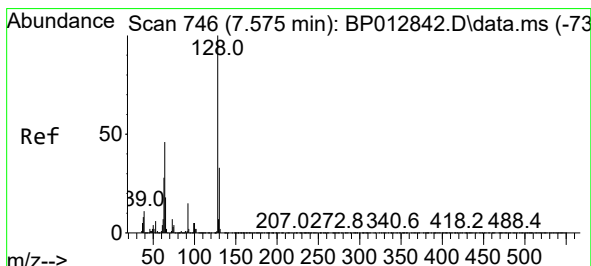
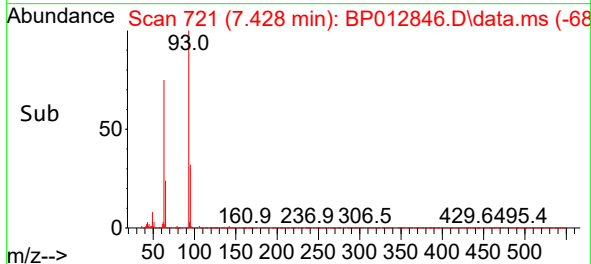
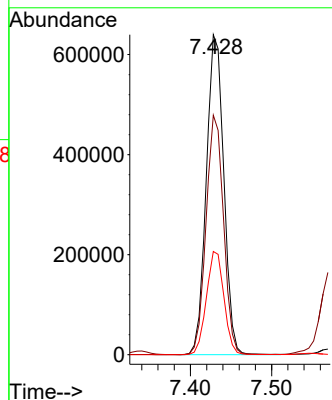
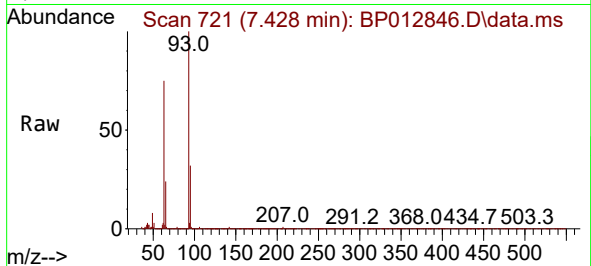




#10
Bis(2-Chloroethyl)ether
Concen: 26.606 ng/ul
RT: 7.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

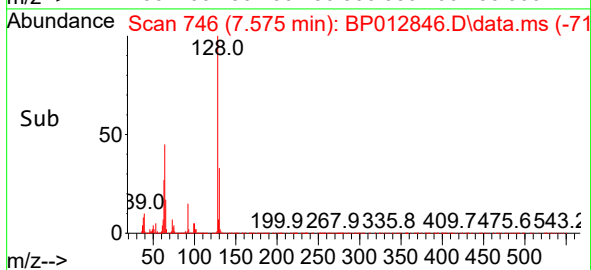
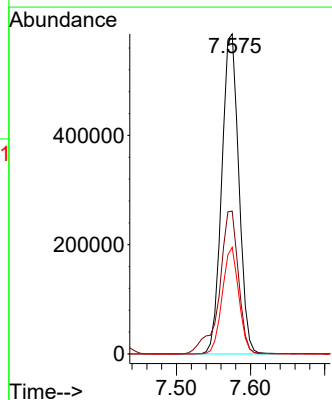
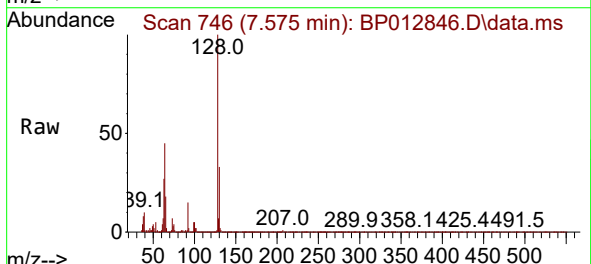
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ClientSampleId :

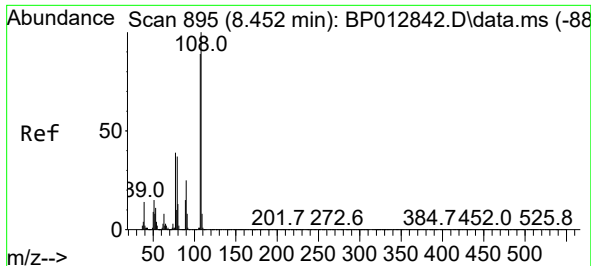
Tgt Ion: 93 Resp: 955349
Ion Ratio Lower Upper
93 100
63 74.9 59.7 89.5
95 32.2 25.8 38.6



#12
2-Chlorophenol
Concen: 27.031 ng/ul
RT: 7.575 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:128 Resp: 936403
Ion Ratio Lower Upper
128 100
64 44.7 35.6 53.4
130 33.3 26.0 39.0





#13

2-Methylphenol

Concen: 26.855 ng/ul

RT: 8.452 min Scan# 895

Delta R.T. -0.006 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

Instrument :

BNA_P

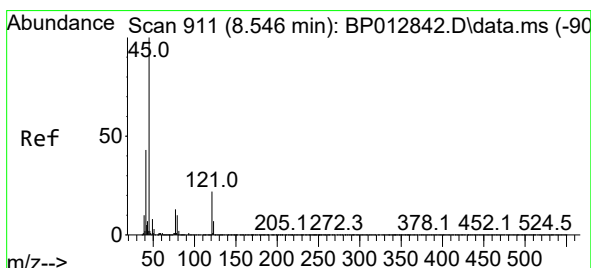
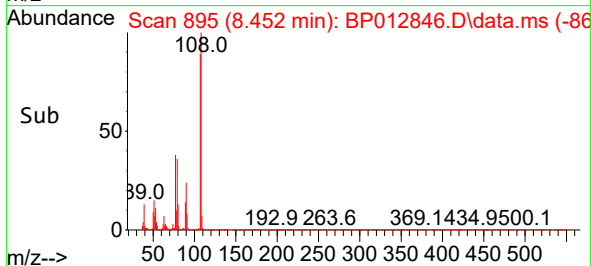
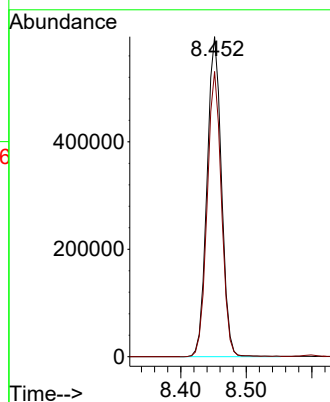
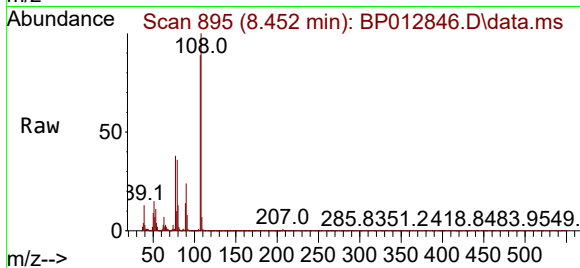
ClientSampleId :

Tgt Ion:108 Resp: 914680

Ion Ratio Lower Upper

108 100

107 89.1 69.3 103.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.908 ng/ul

RT: 8.546 min Scan# 911

Delta R.T. -0.000 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

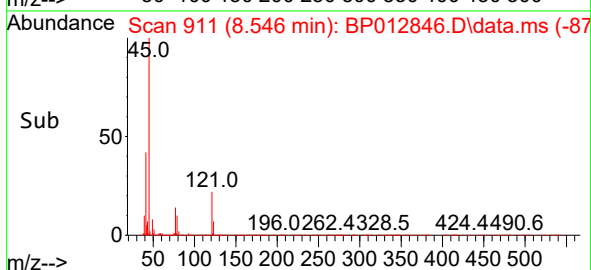
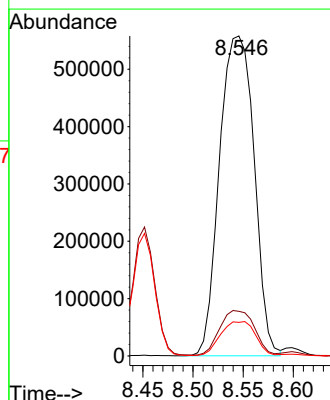
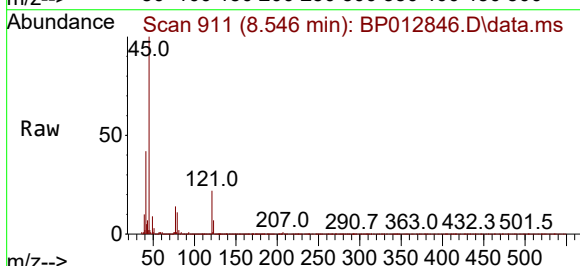
Tgt Ion: 45 Resp: 1341812

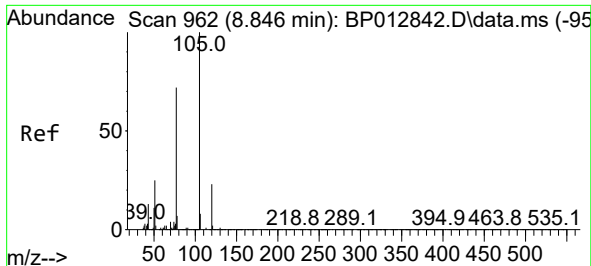
Ion Ratio Lower Upper

45 100

77 13.9 11.3 16.9

79 10.5 8.6 12.8

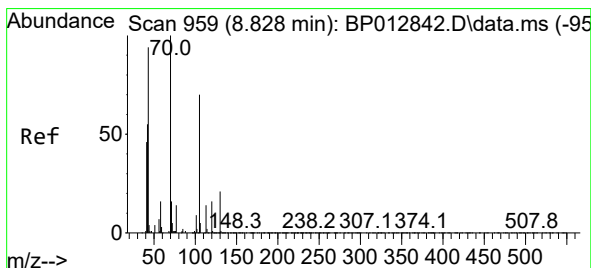
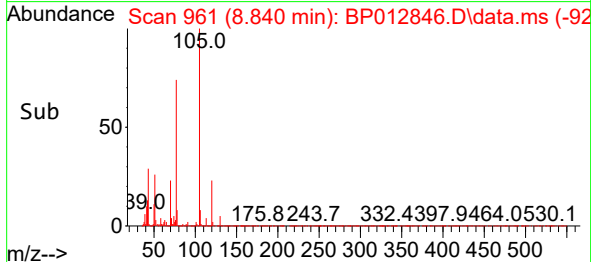
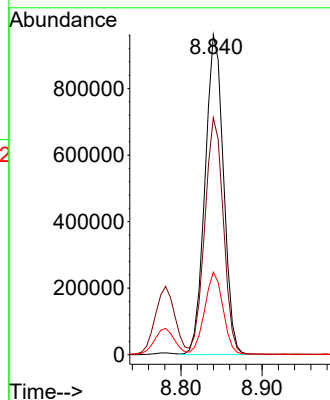
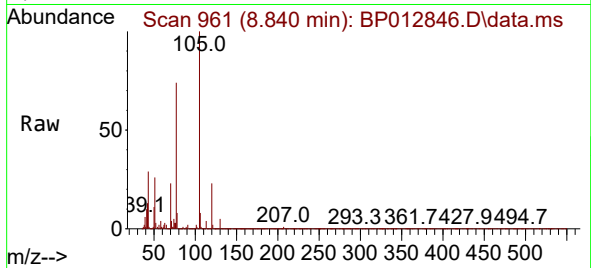




#16
Acetophenone
Concen: 28.450 ng/ul
RT: 8.840 min Scan# 962
Delta R.T. -0.006 min
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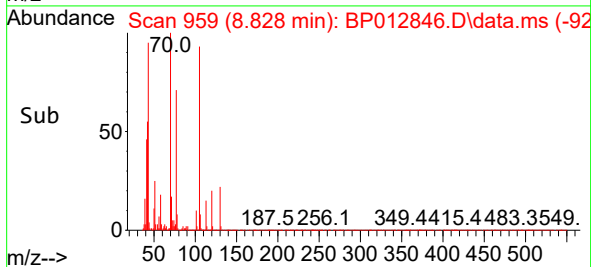
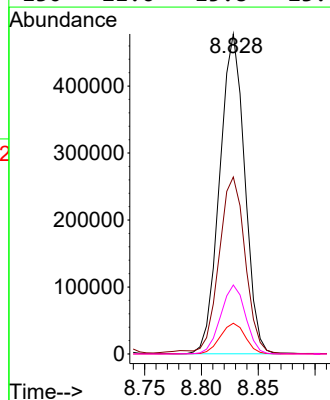
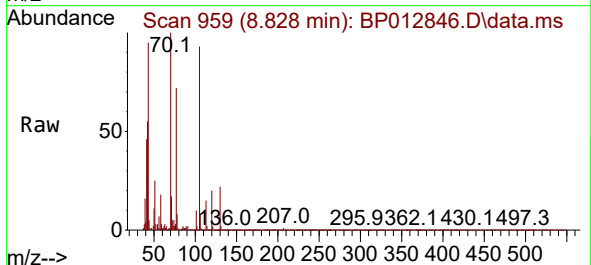
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BNA_P
ClientSampleId :

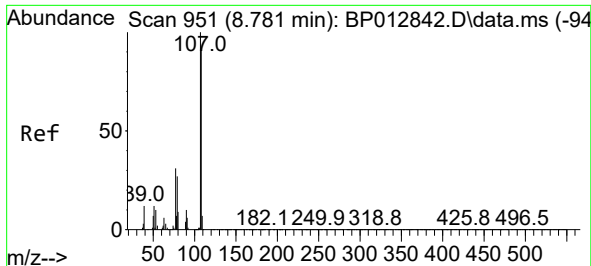
Tgt Ion:105 Resp: 1518419
Ion Ratio Lower Upper
105 100
77 74.1 59.7 89.5
51 25.8 20.9 31.3



#17
N-Nitroso-di-n-propylamine
Concen: 27.824 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion: 70 Resp: 731540
Ion Ratio Lower Upper
70 100
42 55.3 46.1 69.1
101 9.6 7.4 11.2
130 21.6 15.8 23.6

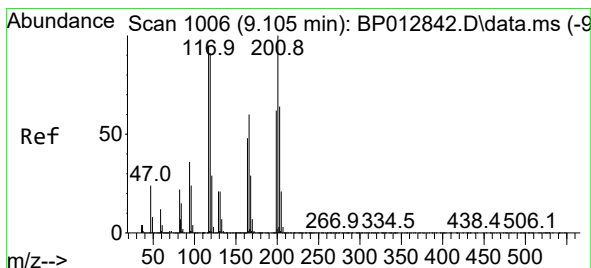
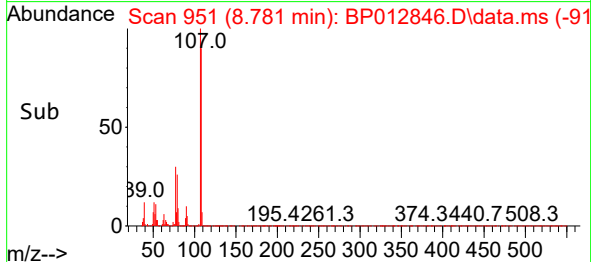
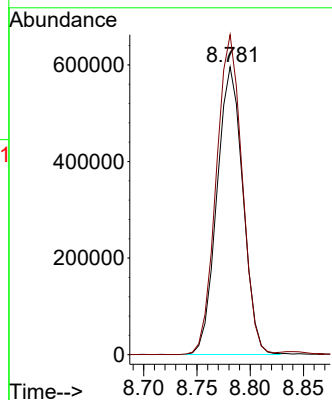
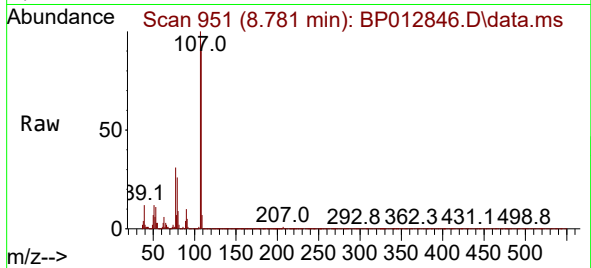




#18
4-Methylphenol
Concen: 26.956 ng/ul
RT: 8.781 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

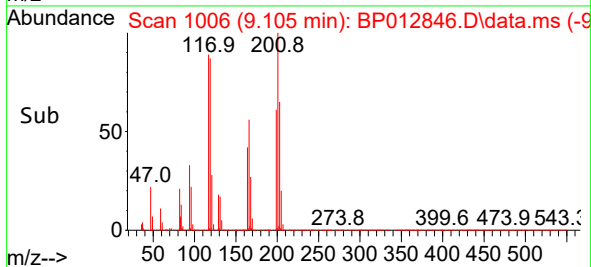
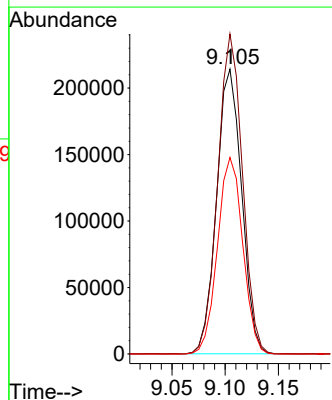
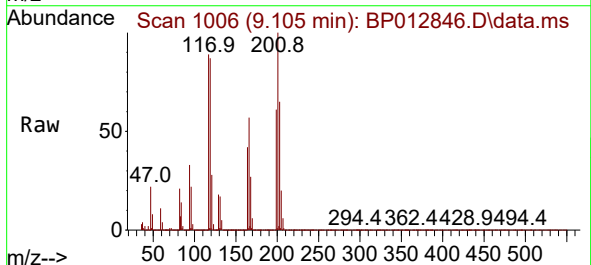
Instrument :
BNA_P
ClientSampleId :

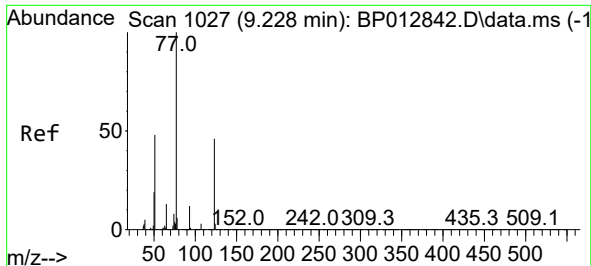
Tgt Ion:108 Resp: 1011139
Ion Ratio Lower Upper
108 100
107 111.2 90.2 135.2



#19
Hexachloroethane
Concen: 26.374 ng/ul
RT: 9.105 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:117 Resp: 350368
Ion Ratio Lower Upper
117 100
201 112.4 85.7 128.5
199 69.0 52.9 79.3

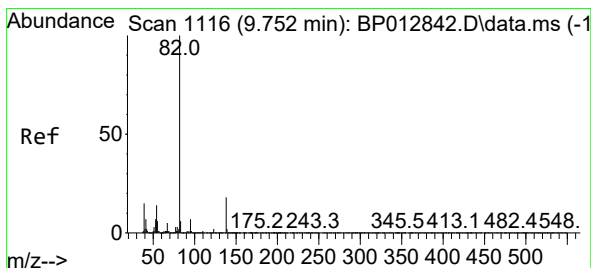
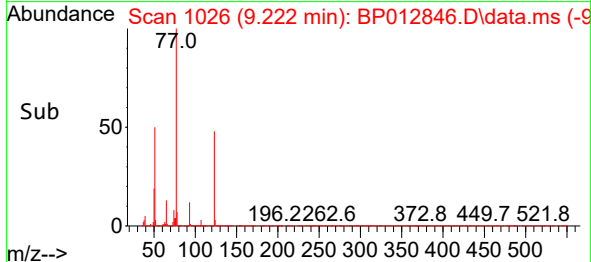
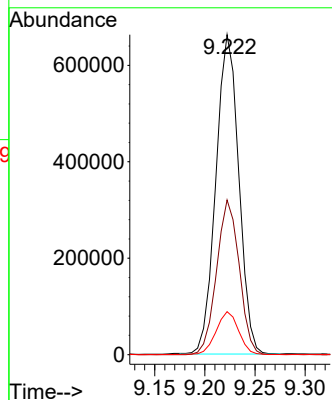
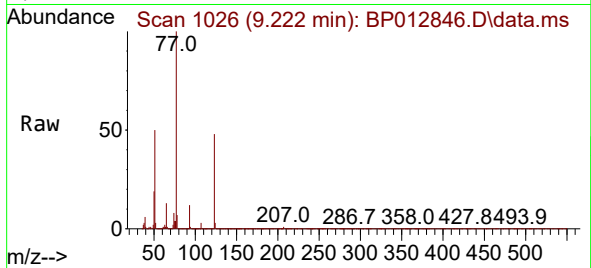




#22
Nitrobenzene
Concen: 28.009 ng/ul
RT: 9.222 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

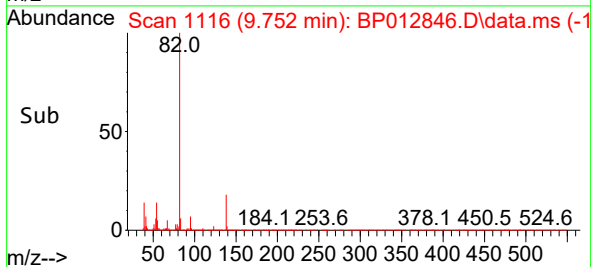
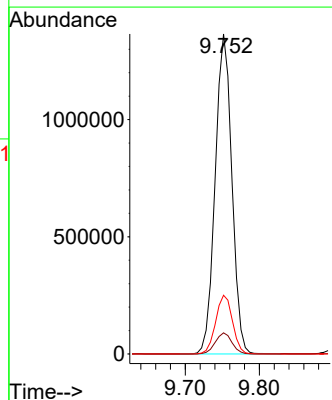
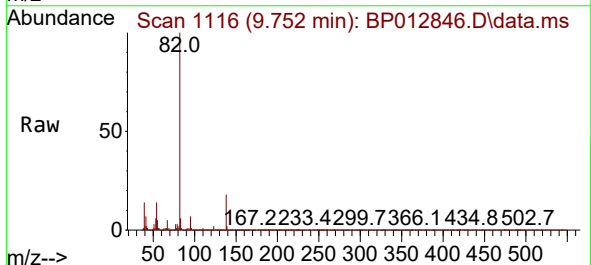
Instrument :
BNA_P
ClientSampleId :

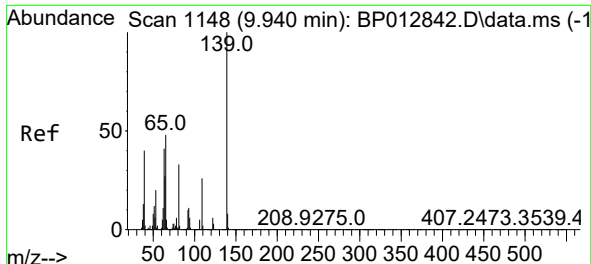
Tgt Ion: 77 Resp: 1051584
Ion Ratio Lower Upper
77 100
123 48.4 38.2 57.2
65 13.4 10.2 15.4



#23
Isophorone
Concen: 25.776 ng/ul
RT: 9.752 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion: 82 Resp: 2133461
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 18.3 14.5 21.7

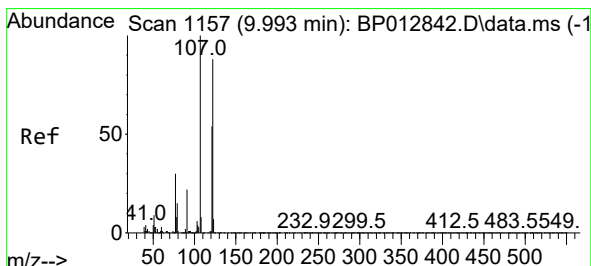
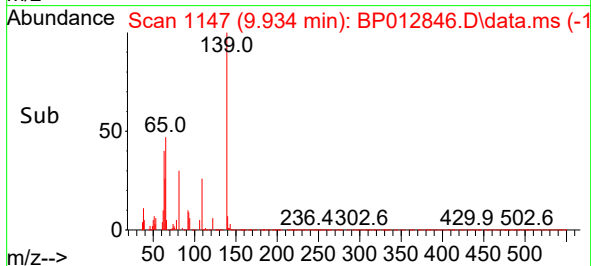
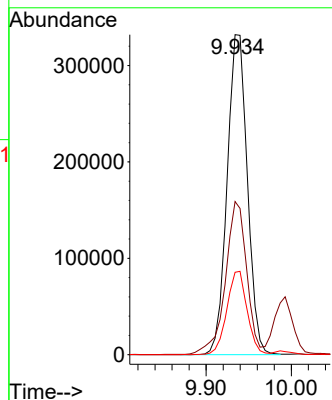
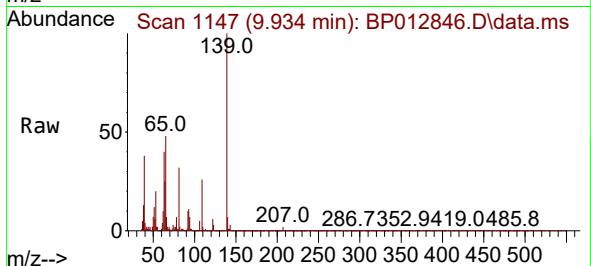




#25
2-Nitrophenol
Concen: 30.040 ng/ul
RT: 9.934 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

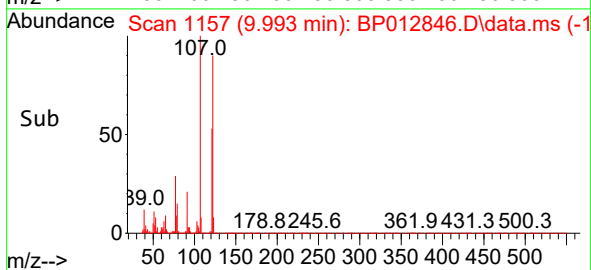
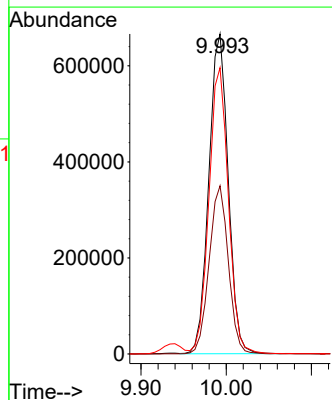
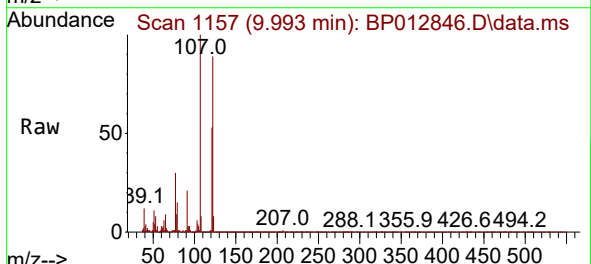
Instrument :
BNA_P
ClientSampleId :

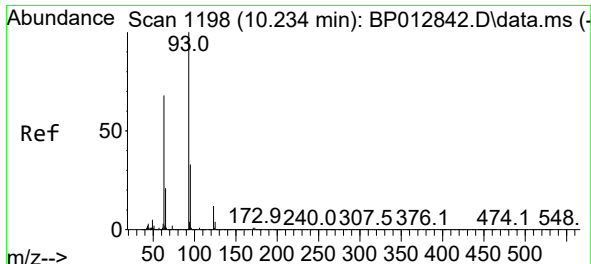
Tgt Ion:139 Resp: 548088
Ion Ratio Lower Upper
139 100
65 47.8 39.5 59.3
109 25.7 21.4 32.0



#26
2,4-Dimethylphenol
Concen: 25.947 ng/ul
RT: 9.993 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:107 Resp: 1051950
Ion Ratio Lower Upper
107 100
121 52.6 41.8 62.6
122 89.5 72.3 108.5

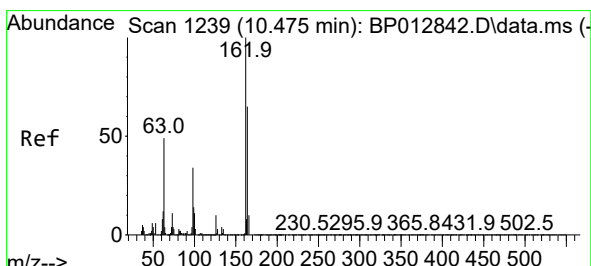
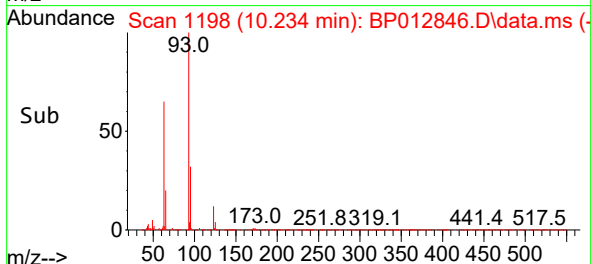
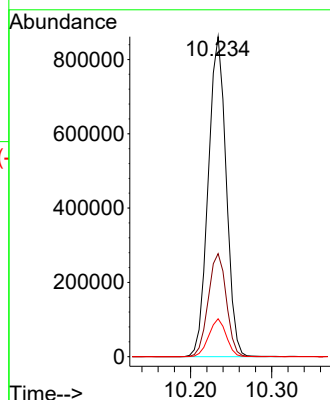
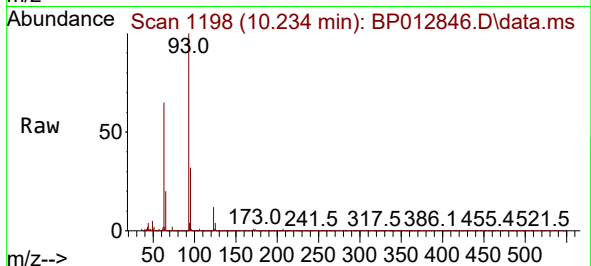




#27
 Bis(2-Chloroethoxy)methane
 Concen: 26.005 ng/ul
 RT: 10.234 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: BP012846.D
 Acq: 29 Nov 2022 11:47

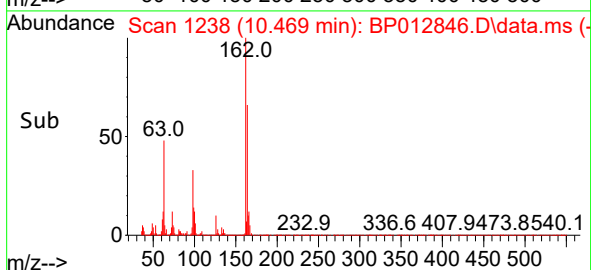
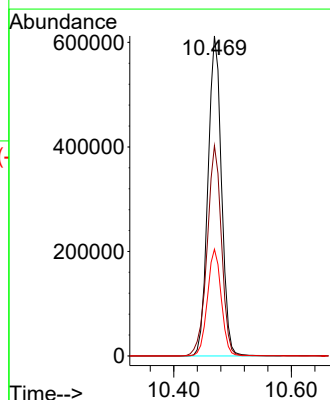
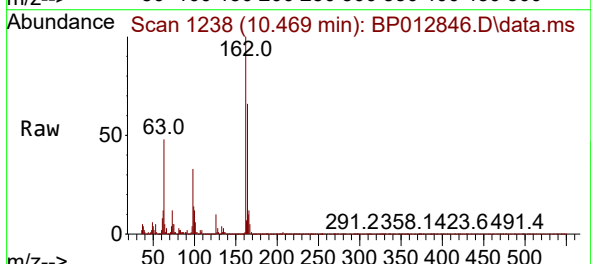
Instrument :
 BNA_P
 ClientSampleId :

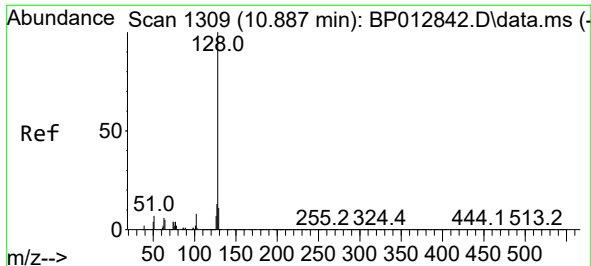
Tgt Ion: 93 Resp: 1319640
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.1 39.1
 123 11.9 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 26.720 ng/ul
 RT: 10.469 min Scan# 1238
 Delta R.T. -0.006 min
 Lab File: BP012846.D
 Acq: 29 Nov 2022 11:47

Tgt Ion:162 Resp: 981698
 Ion Ratio Lower Upper
 162 100
 164 65.7 52.9 79.3
 98 33.4 26.6 40.0

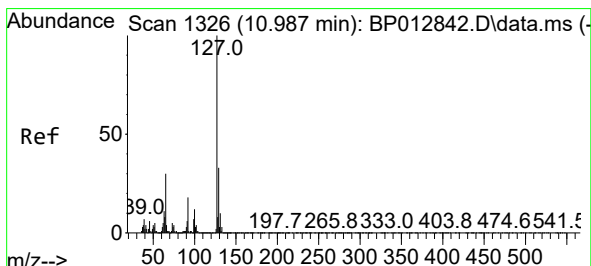
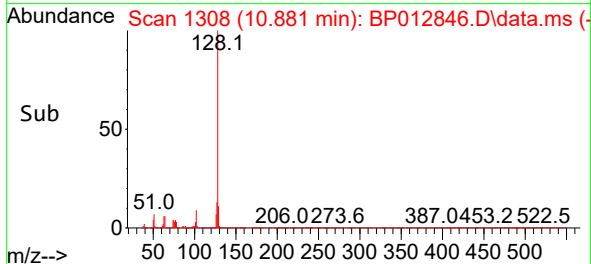
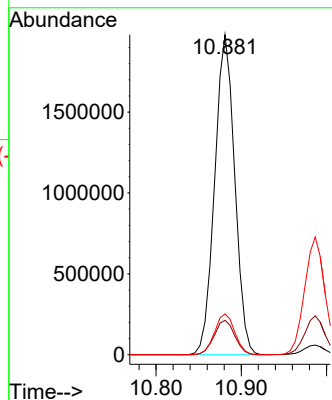
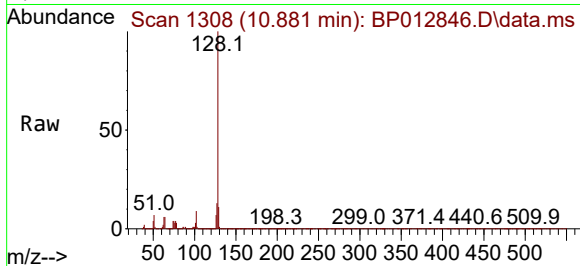




#30
Naphthalene
Concen: 26.336 ng/ul
RT: 10.881 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

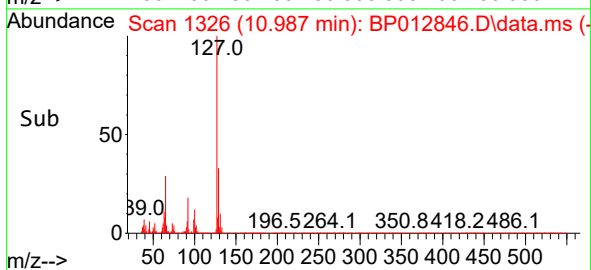
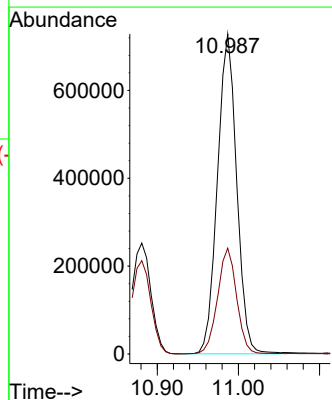
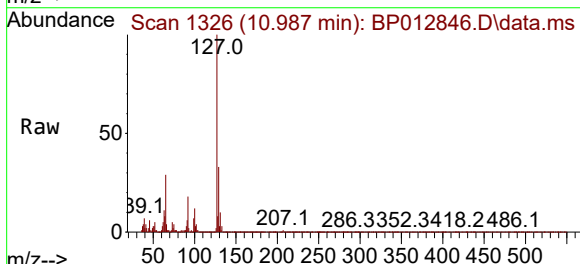
Instrument :
BNA_P
ClientSampleId :

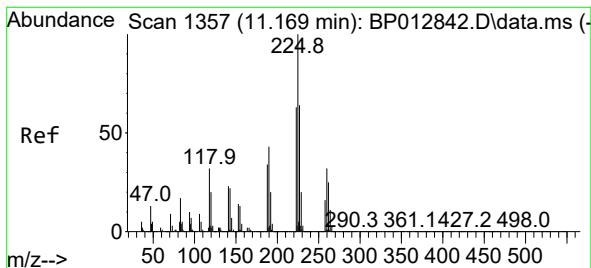
Tgt Ion:128 Resp: 3225417
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.8 10.4 15.6



#32
4-Chloroaniline
Concen: 24.075 ng/ul
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:127 Resp: 1200795
Ion Ratio Lower Upper
127 100
129 33.0 25.7 38.5





#33

Hexachlorobutadiene

Concen: 25.751 ng/ul

RT: 11.169 min Scan# 11

Delta R.T. -0.006 min

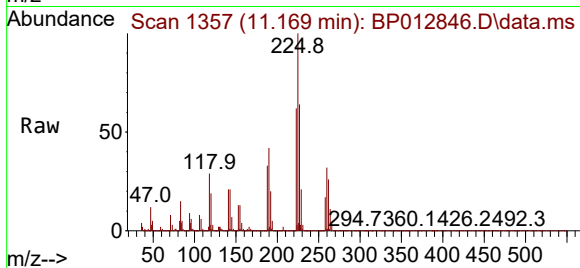
Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

Instrument :

BNA_P

ClientSampleId :



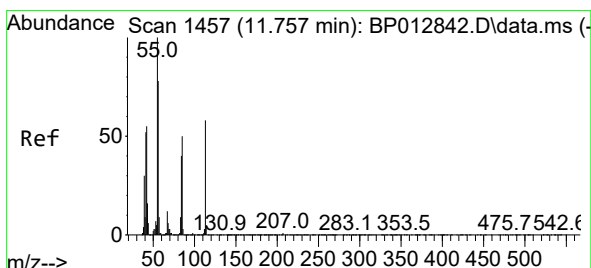
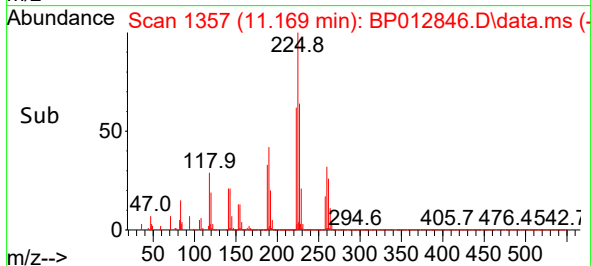
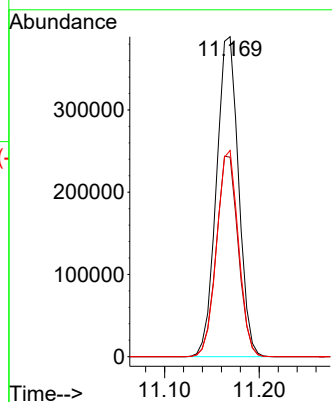
Tgt Ion:225 Resp: 630173

Ion Ratio Lower Upper

225 100

223 62.4 49.6 74.4

227 64.5 51.0 76.6



#34

Caprolactam

Concen: 13.946 ng/ul

RT: 11.763 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

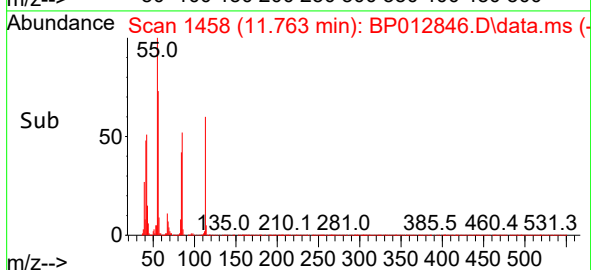
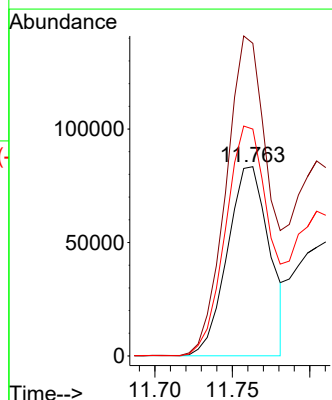
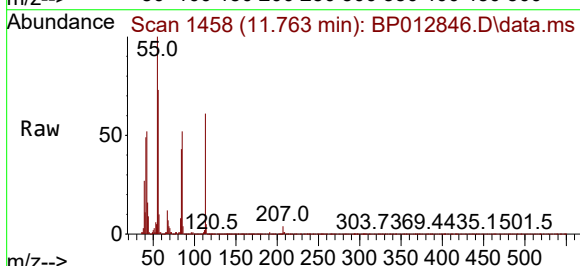
Tgt Ion:113 Resp: 157334

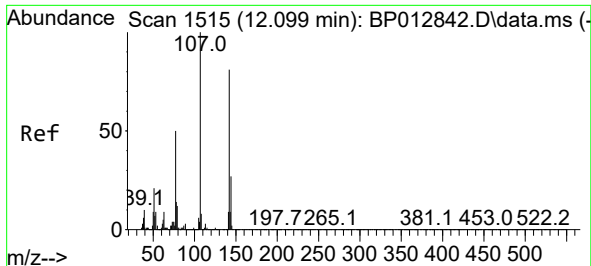
Ion Ratio Lower Upper

113 100

55 165.2 145.9 218.9

56 119.9 107.1 160.7

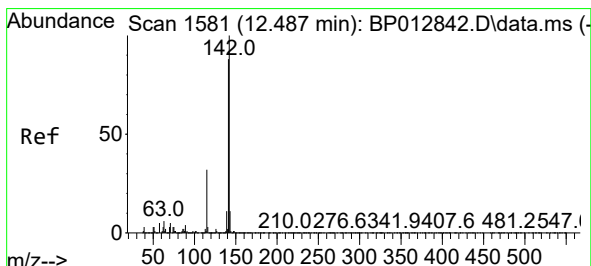
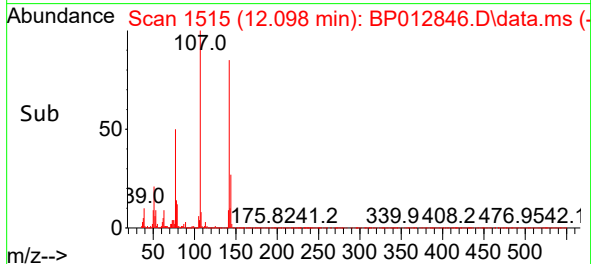
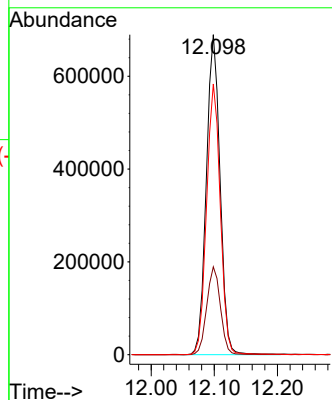
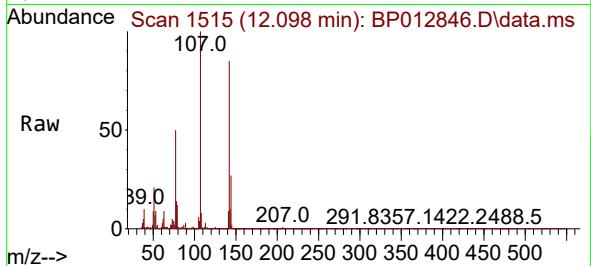




#35
4-Chloro-3-methylphenol
Concen: 27.891 ng/ul
RT: 12.098 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

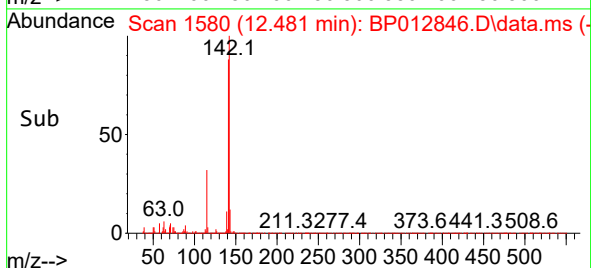
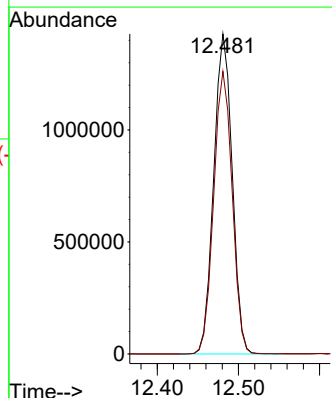
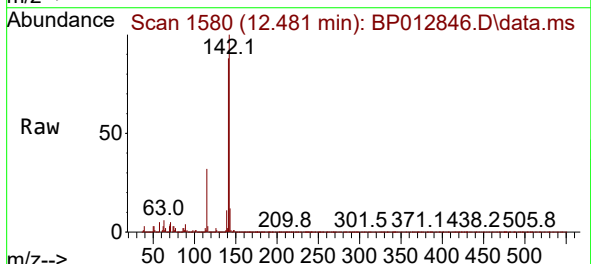
Instrument :
BNA_P
ClientSampleId :

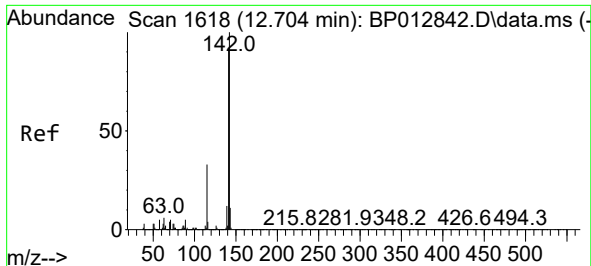
Tgt Ion:107 Resp: 1037678
Ion Ratio Lower Upper
107 100
144 27.4 21.4 32.2
142 84.6 66.6 100.0



#36
2-Methylnaphthalene
Concen: 26.746 ng/ul
RT: 12.481 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:142 Resp: 2255681
Ion Ratio Lower Upper
142 100
141 88.3 70.2 105.2

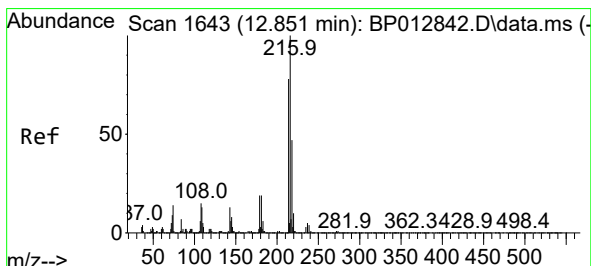
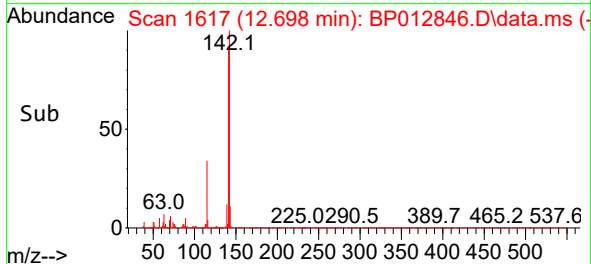
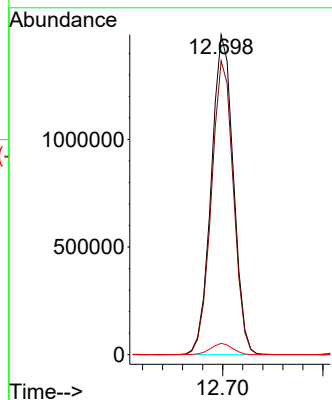
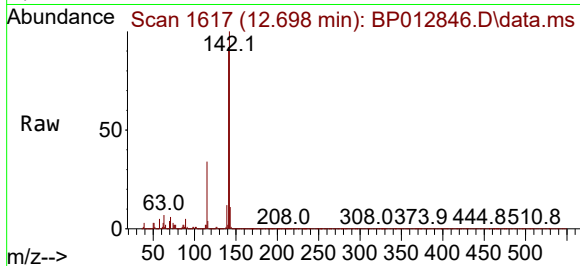




#37
1-Methylnaphthalene
Concen: 26.830 ng/ul
RT: 12.698 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

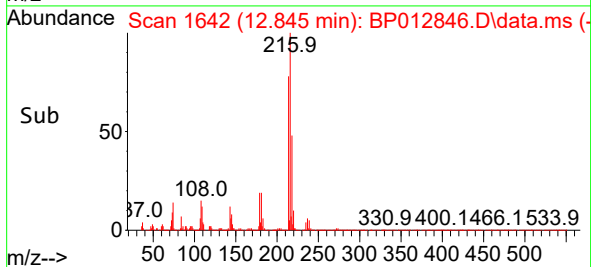
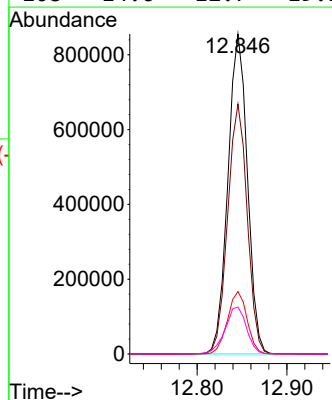
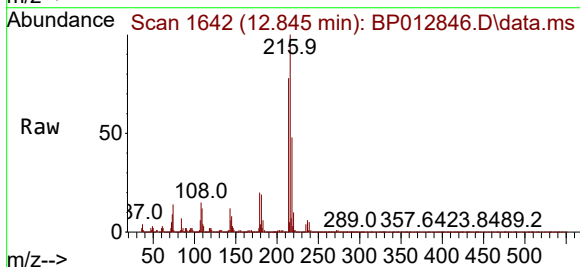
Instrument :
BNA_P
ClientSampleId :

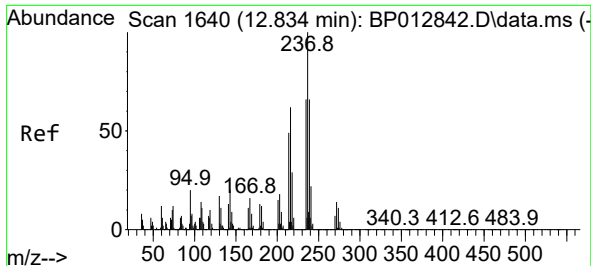
Tgt Ion:142 Resp: 2267780
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9
116 3.6 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 25.563 ng/ul
RT: 12.845 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:216 Resp: 1290140
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.6
179 19.5 16.2 24.4
108 14.6 12.7 19.1

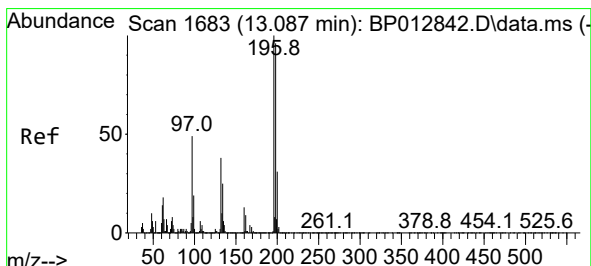
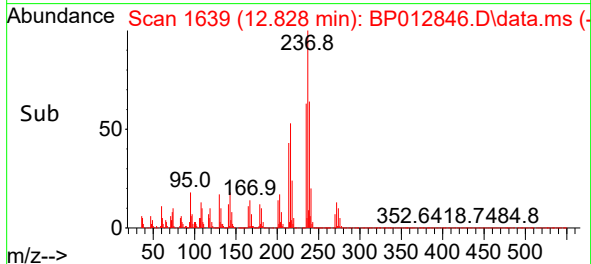
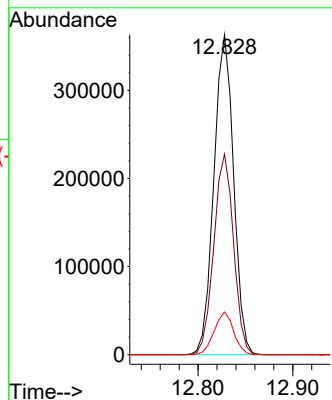
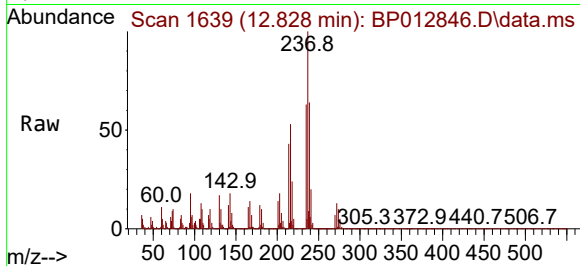




#40
Hexachlorocyclopentadiene
Concen: 21.596 ng/ul
RT: 12.828 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

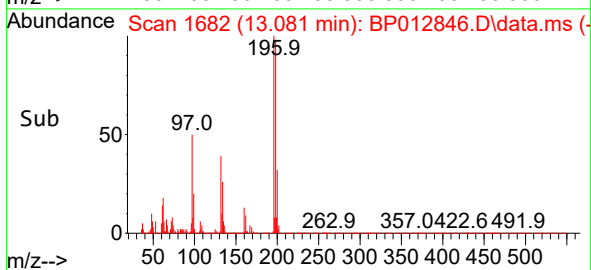
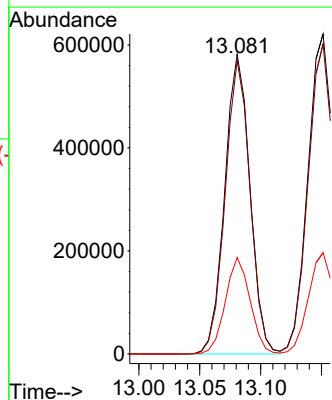
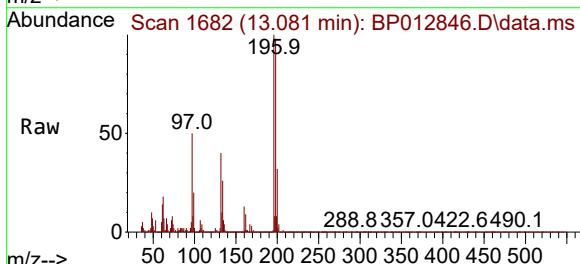
Instrument :
BNA_P
ClientSampleId :

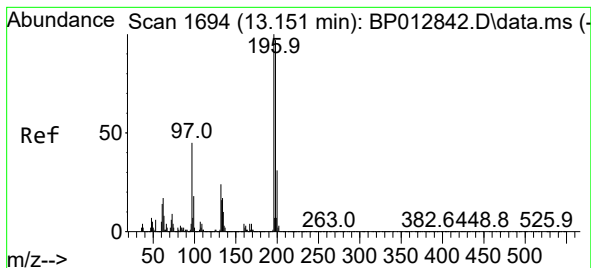
Tgt Ion:237 Resp: 525188
Ion Ratio Lower Upper
237 100
235 62.7 50.2 75.4
272 13.4 10.2 15.2



#41
2,4,6-Trichlorophenol
Concen: 26.619 ng/ul
RT: 13.081 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:196 Resp: 840601
Ion Ratio Lower Upper
196 100
198 97.9 76.5 114.7
200 32.2 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 27.336 ng/ul

RT: 13.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

Instrument :

BNA_P

ClientSampleId :

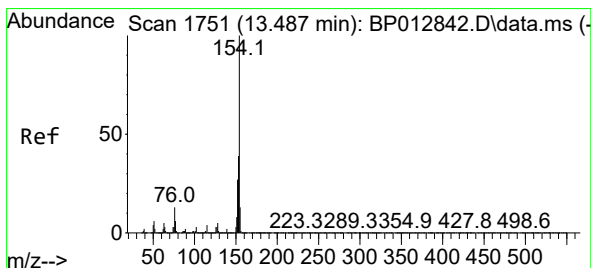
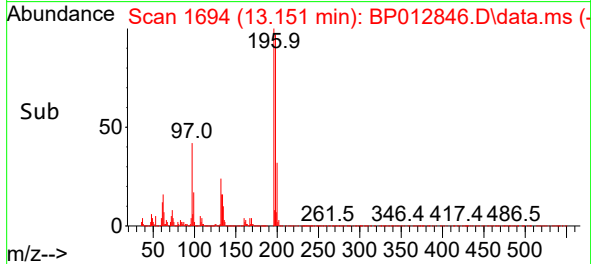
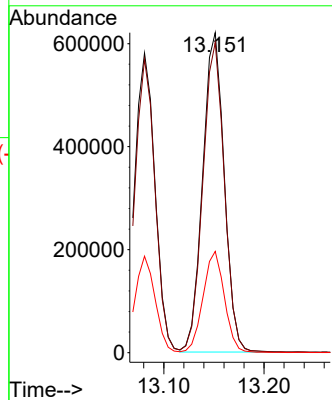
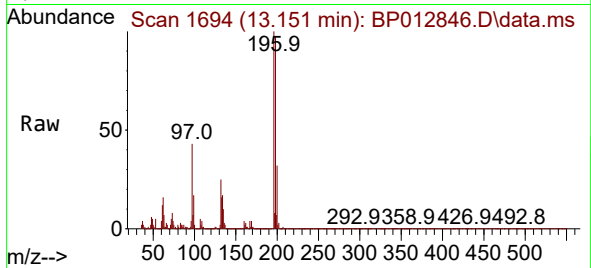
Tgt Ion:196 Resp: 927971

Ion Ratio Lower Upper

196 100

198 96.9 77.6 116.4

200 31.6 24.2 36.4



#43

1,1'-Biphenyl

Concen: 26.136 ng/ul

RT: 13.481 min Scan# 1750

Delta R.T. -0.012 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

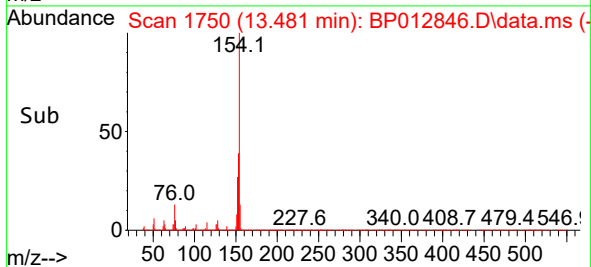
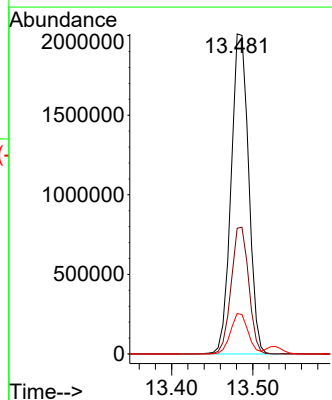
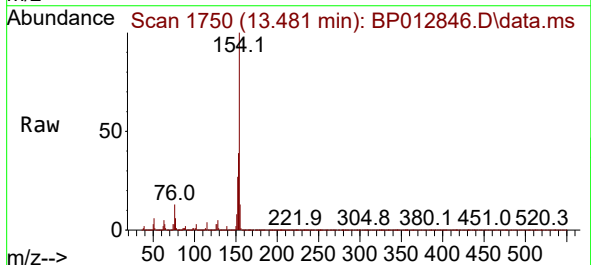
Tgt Ion:154 Resp: 3013378

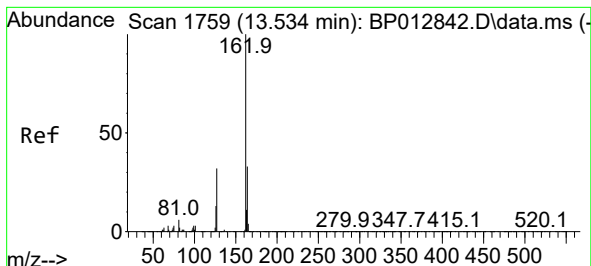
Ion Ratio Lower Upper

154 100

153 39.3 32.0 48.0

76 12.7 10.2 15.4

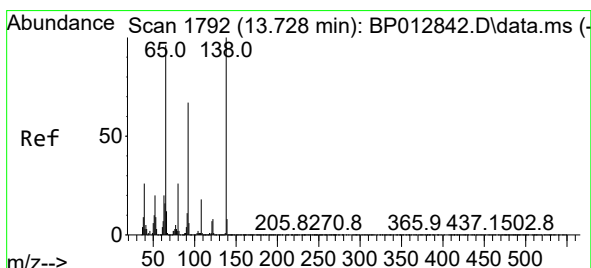
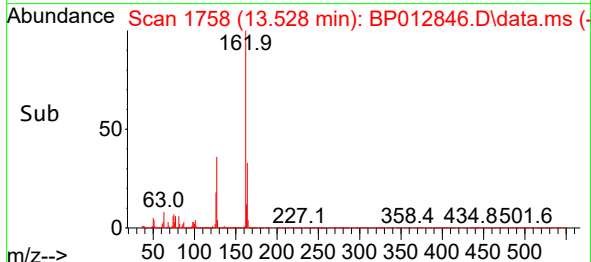
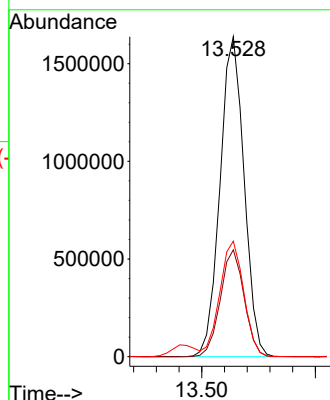
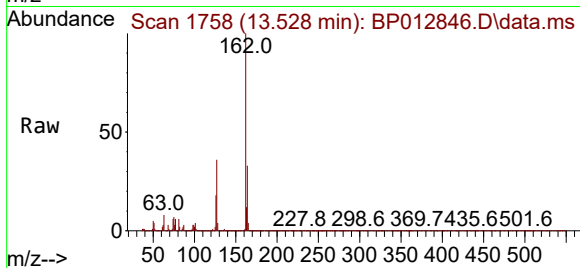




#44
2-Chloronaphthalene
Concen: 26.078 ng/ul
RT: 13.528 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

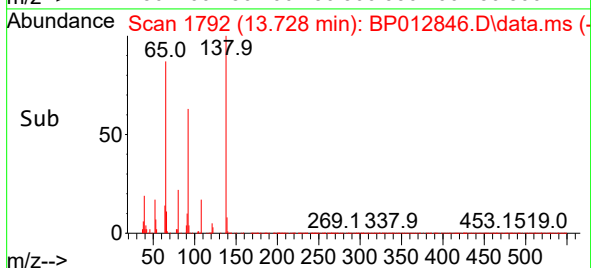
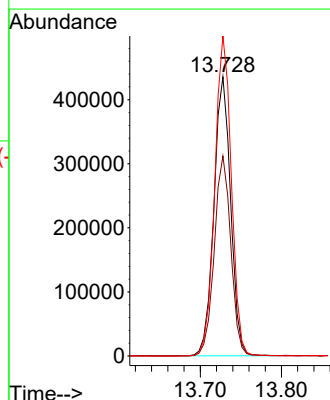
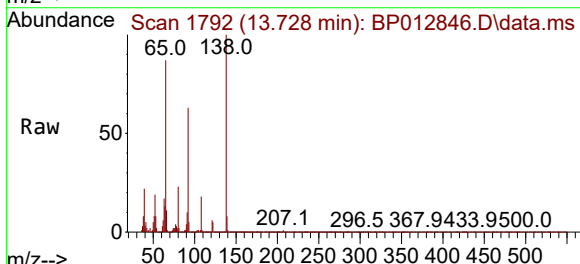
Instrument :
BNA_P
ClientSampleId :

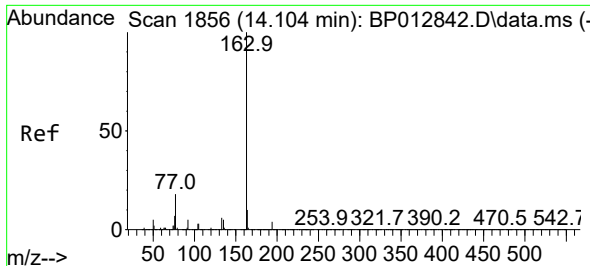
Tgt Ion:162 Resp: 2405332
Ion Ratio Lower Upper
162 100
164 33.4 26.5 39.7
127 36.1 28.8 43.2



#45
2-Nitroaniline
Concen: 34.602 ng/ul
RT: 13.728 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion: 65 Resp: 624449
Ion Ratio Lower Upper
65 100
92 71.7 57.8 86.8
138 114.6 94.6 142.0

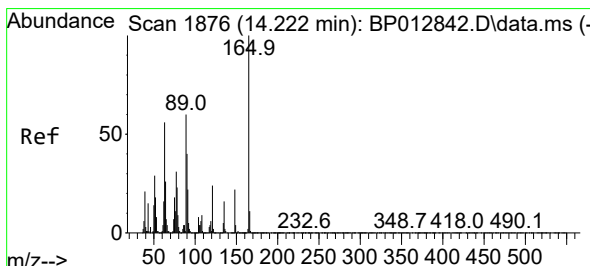
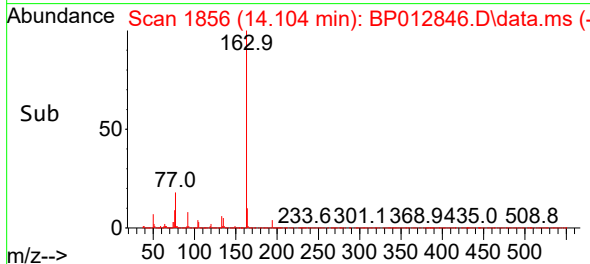
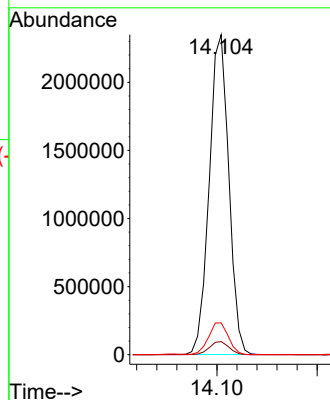
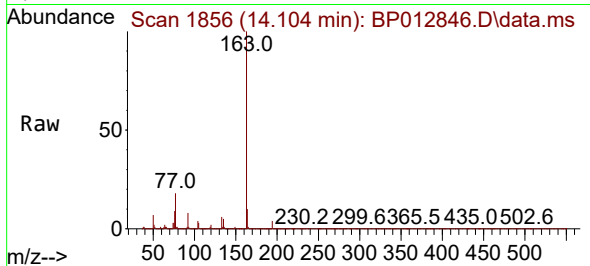




#47
Dimethylphthalate
Concen: 27.913 ng/ul
RT: 14.104 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

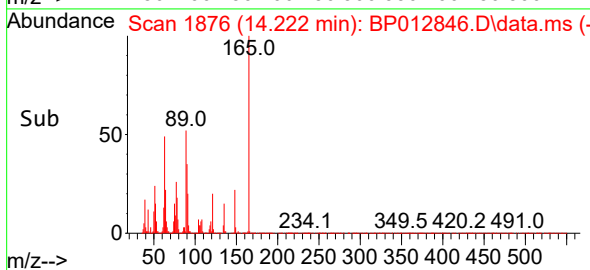
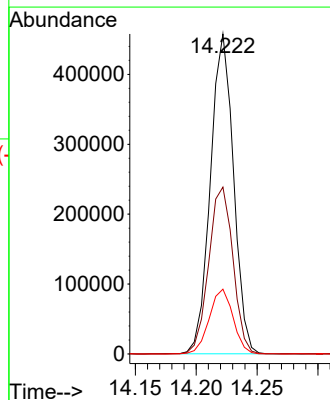
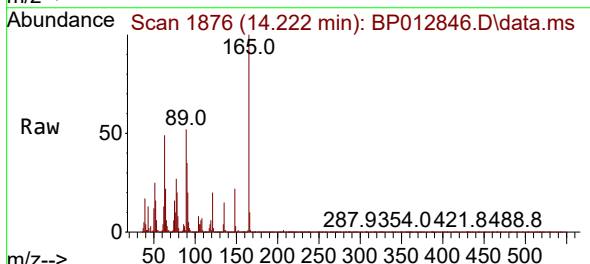
Instrument :
BNA_P
ClientSampleId :

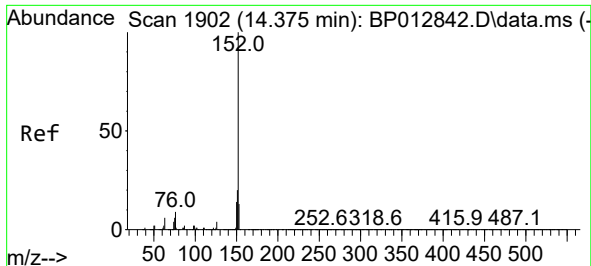
Tgt Ion:163 Resp: 3187552
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 33.795 ng/ul
RT: 14.222 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:165 Resp: 603961
Ion Ratio Lower Upper
165 100
89 52.2 42.7 64.1
121 20.3 16.9 25.3

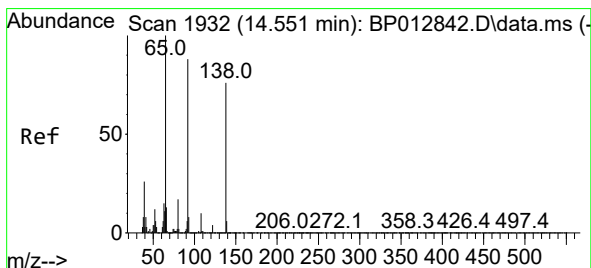
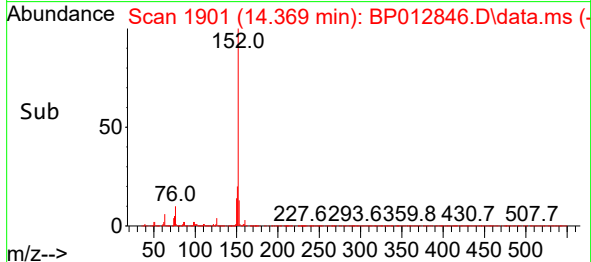
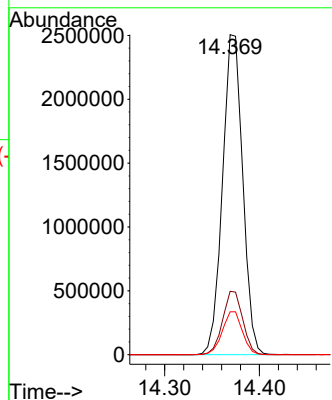
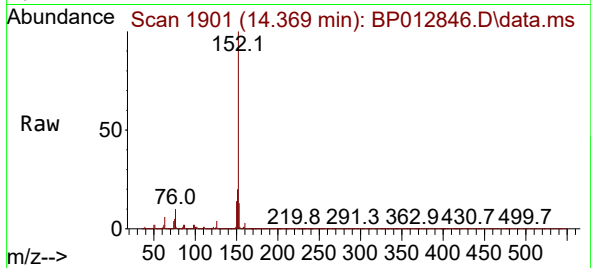




#50
Acenaphthylene
Concen: 26.768 ng/ul
RT: 14.369 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

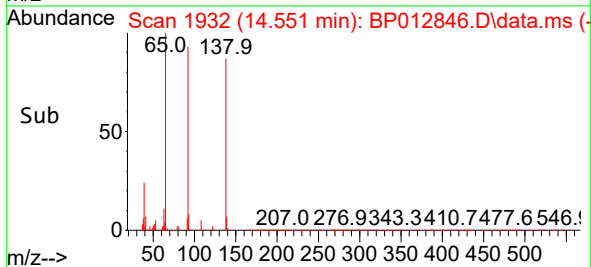
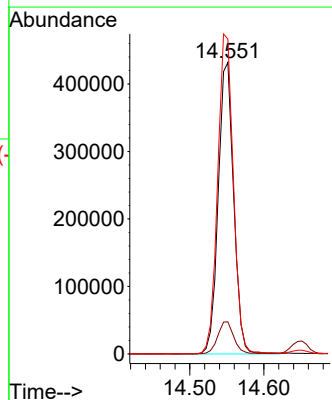
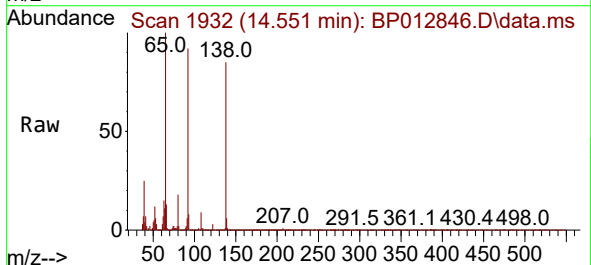
Instrument :
BNA_P
ClientSampleId :

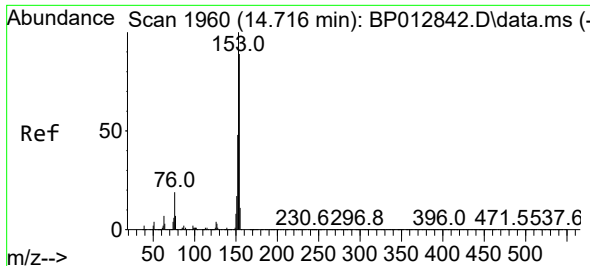
Tgt Ion:152 Resp: 3720529
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.4 10.7 16.1



#51
3-Nitroaniline
Concen: 30.188 ng/ul
RT: 14.551 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:138 Resp: 624822
Ion Ratio Lower Upper
138 100
108 11.1 9.9 14.9
92 108.0 90.2 135.2

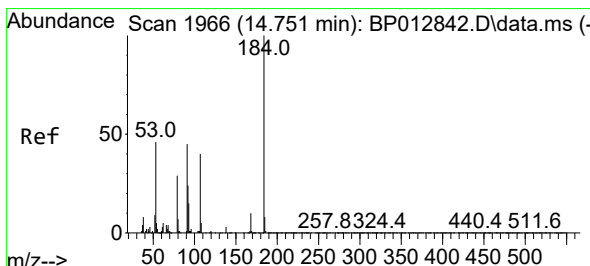
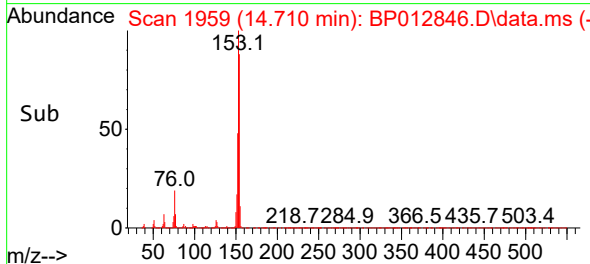
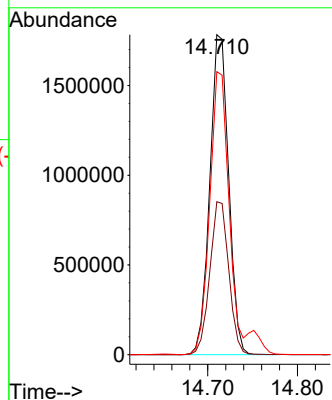
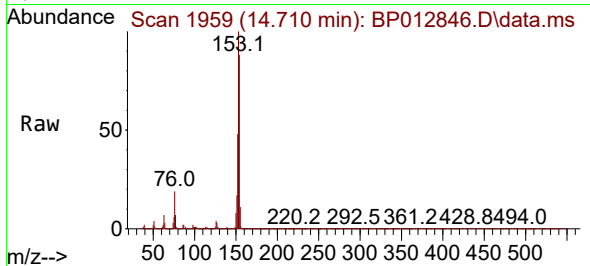




#52
Acenaphthene
Concen: 26.586 ng/ul
RT: 14.710 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

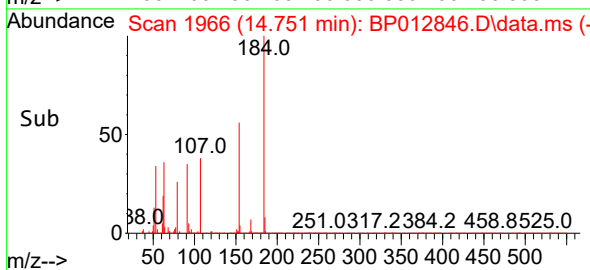
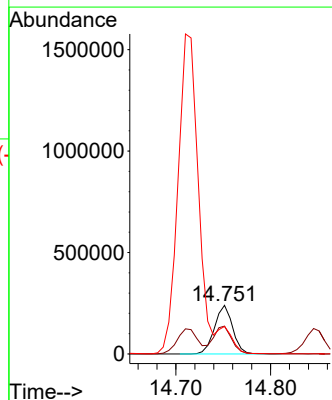
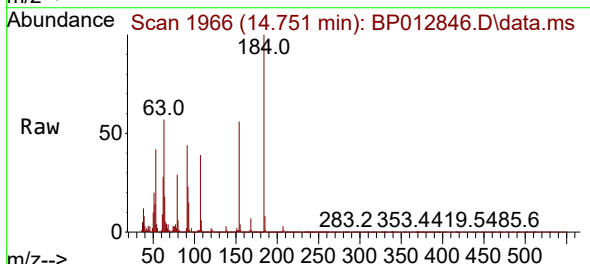
Instrument :
BNA_P
ClientSampleId :

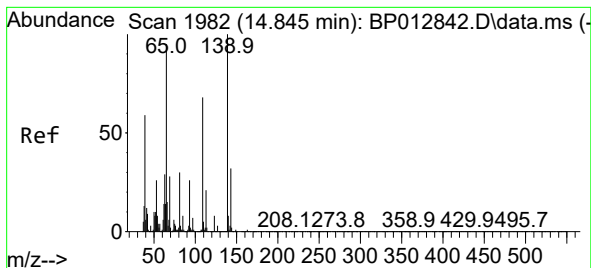
Tgt Ion:153 Resp: 2601542
Ion Ratio Lower Upper
153 100
152 47.8 38.2 57.4
154 88.5 69.8 104.6



#53
2,4-Dinitrophenol
Concen: 27.750 ng/ul
RT: 14.751 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:184 Resp: 318678
Ion Ratio Lower Upper
184 100
63 57.3 48.1 72.1
154 56.5 47.4 71.2

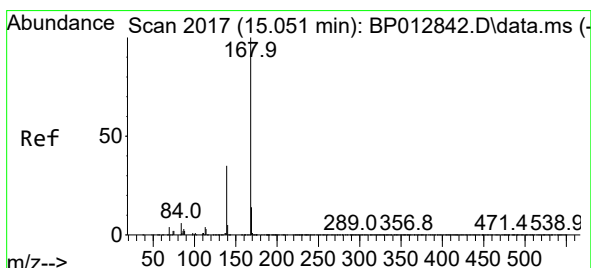
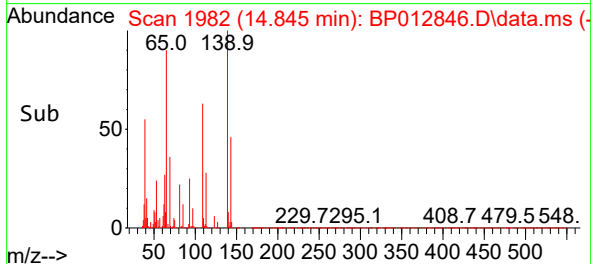
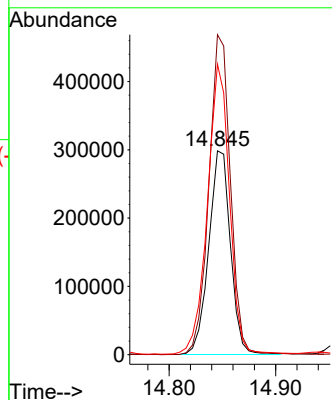
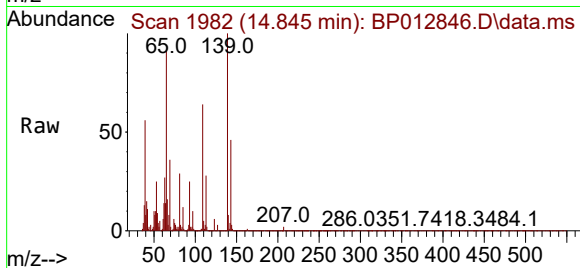




#55
4-Nitrophenol
Concen: 29.909 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

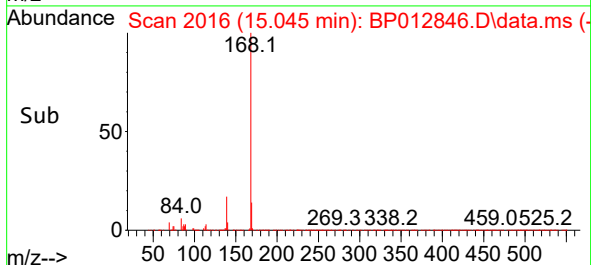
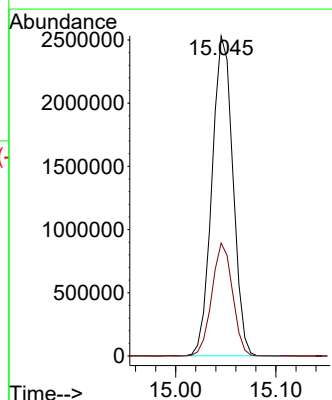
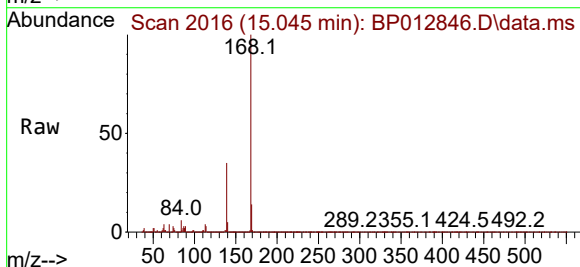
Instrument :
BNA_P
ClientSampleId :

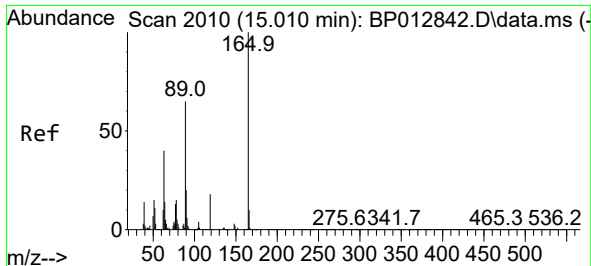
Tgt Ion:109 Resp: 422039
Ion Ratio Lower Upper
109 100
139 156.9 119.2 178.8
65 142.5 110.7 166.1



#56
Dibenzofuran
Concen: 27.215 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:168 Resp: 3670684
Ion Ratio Lower Upper
168 100
139 35.2 27.7 41.5





#57

2,4-Dinitrotoluene

Concen: 34.851 ng/ul

RT: 15.004 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

Instrument :

BNA_P

ClientSampleId :

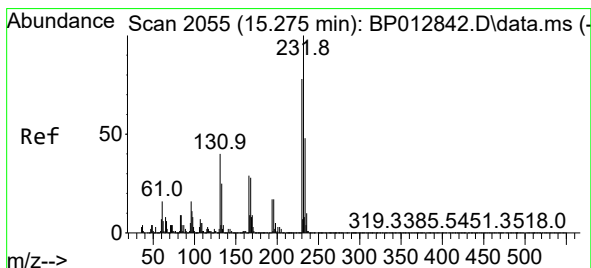
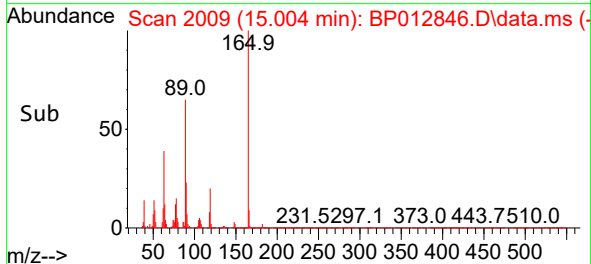
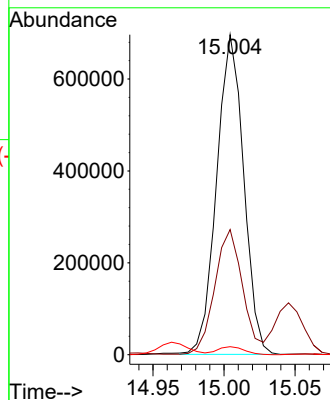
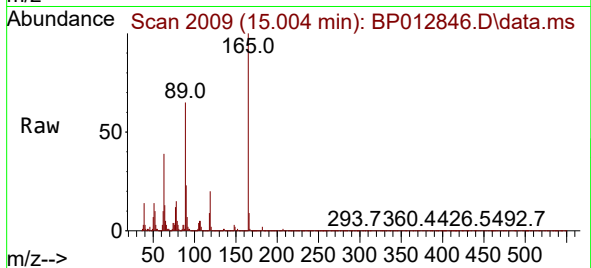
Tgt Ion:165 Resp: 919106

Ion Ratio Lower Upper

165 100

63 39.1 31.0 46.4

182 2.5 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.024 ng/ul

RT: 15.269 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

Tgt Ion:232 Resp: 849235

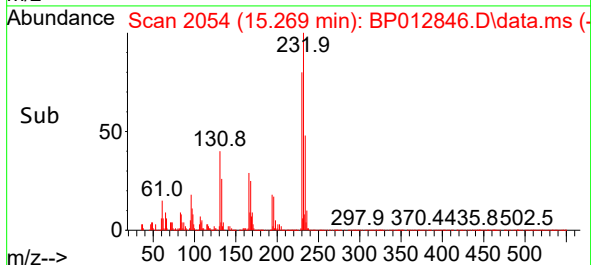
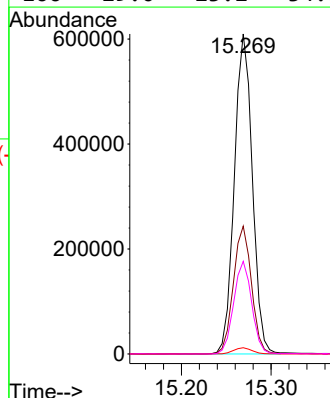
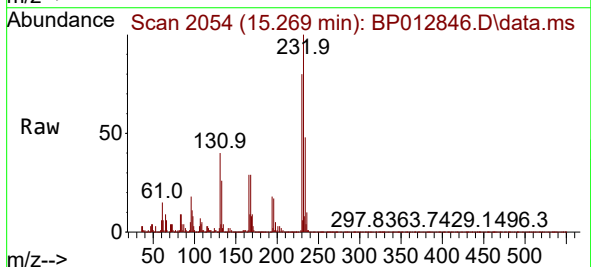
Ion Ratio Lower Upper

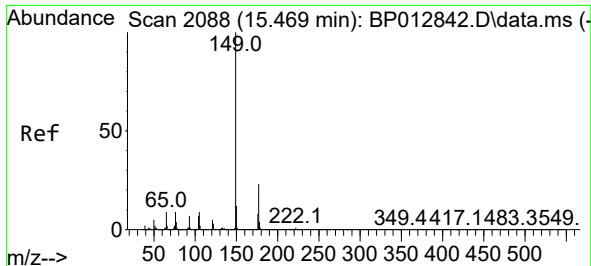
232 100

131 39.9 32.0 48.0

130 1.9 1.5 2.3

166 29.0 23.2 34.8

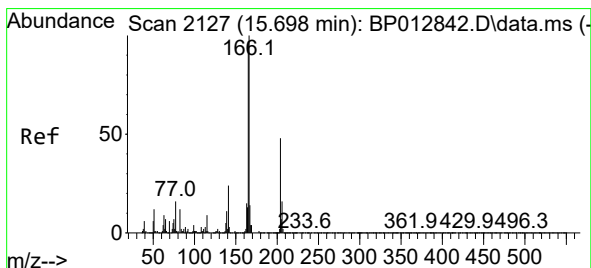
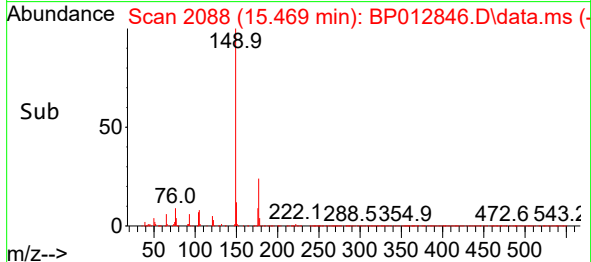
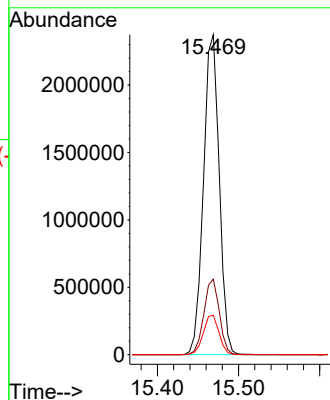
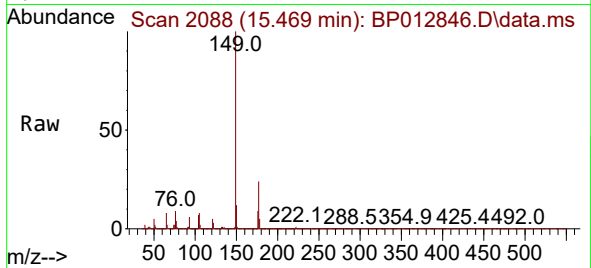




#59
Diethylphthalate
Concen: 28.861 ng/ul
RT: 15.469 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

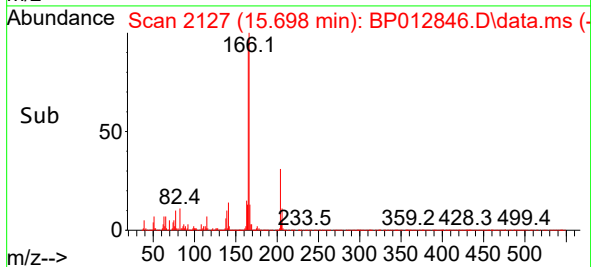
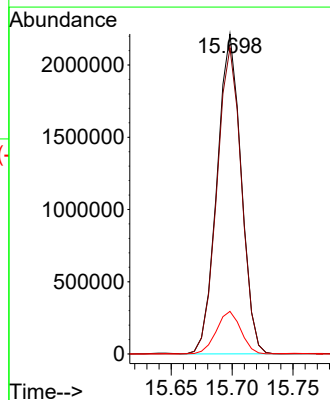
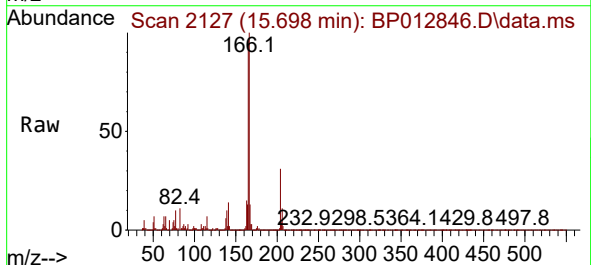
Instrument :
BNA_P
ClientSampleId :

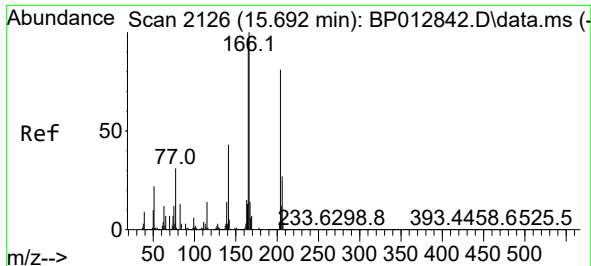
Tgt Ion:149 Resp: 3190256
Ion Ratio Lower Upper
149 100
177 23.6 18.1 27.1
150 12.3 9.8 14.8



#61
Fluorene
Concen: 28.254 ng/ul
RT: 15.698 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:166 Resp: 3056107
Ion Ratio Lower Upper
166 100
165 95.7 78.2 117.2
167 13.3 10.9 16.3

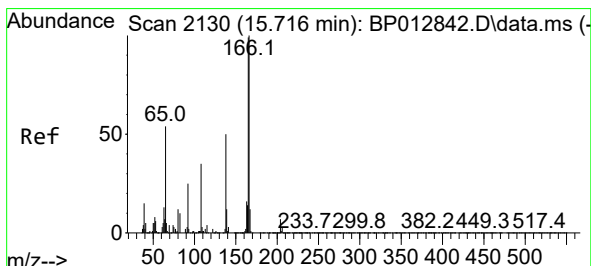
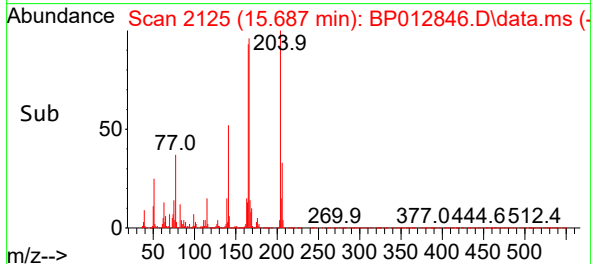
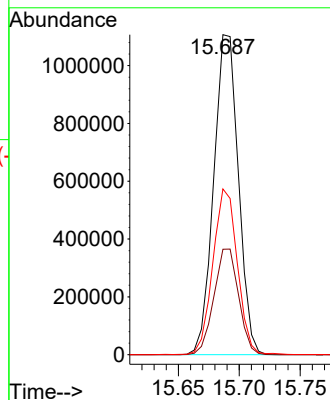
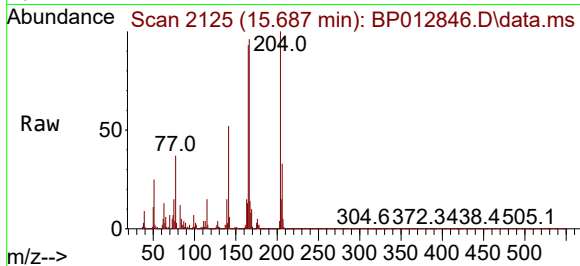




#62
4-Chlorophenyl-phenylether
Concen: 27.779 ng/ul
RT: 15.687 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

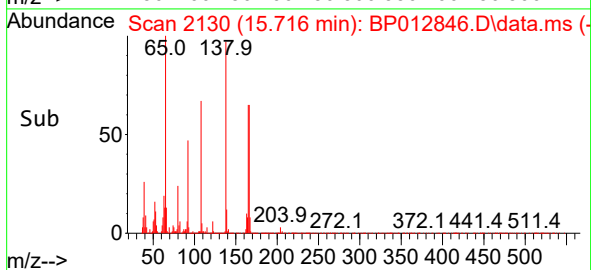
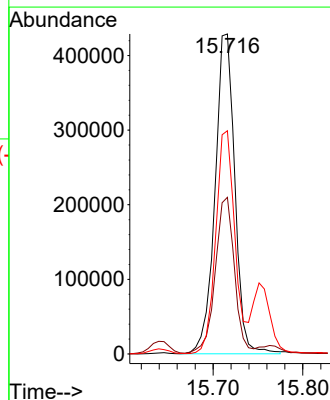
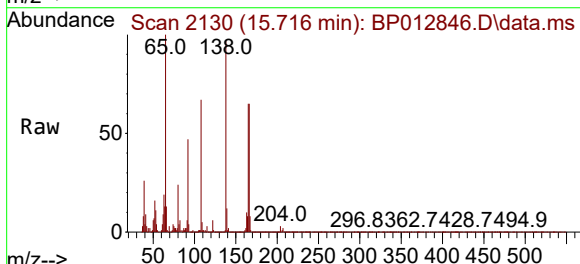
Instrument :
BNA_P
ClientSampleId :

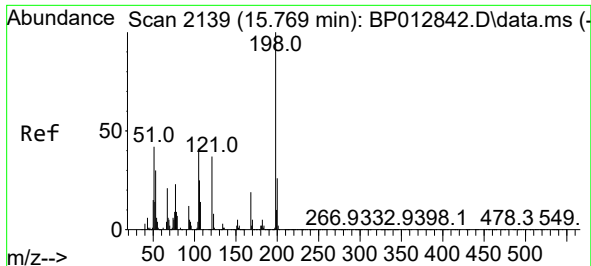
Tgt Ion:204 Resp: 1558993
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 51.8 40.7 61.1



#63
4-Nitroaniline
Concen: 37.262 ng/ul
RT: 15.716 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:138 Resp: 657323
Ion Ratio Lower Upper
138 100
92 48.9 38.6 57.8
108 69.7 56.4 84.6

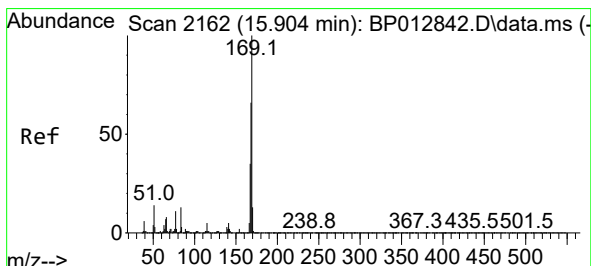
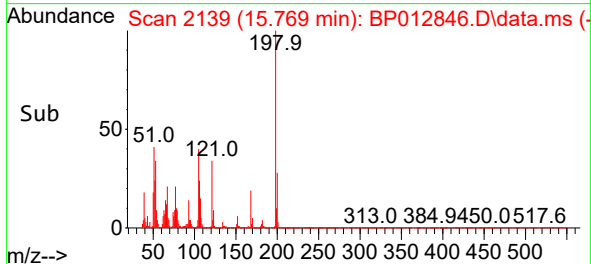
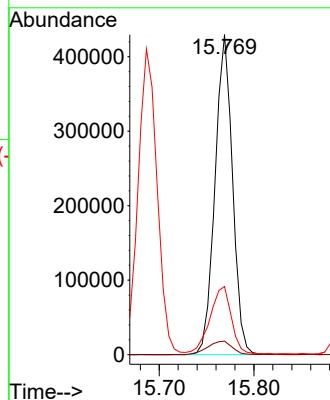
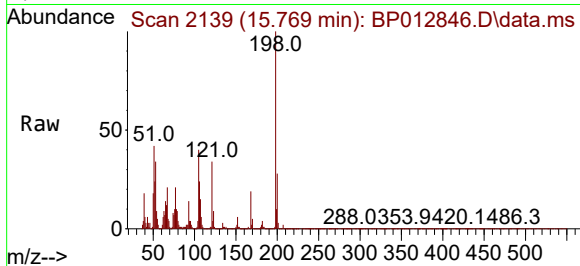




#66
4,6-Dinitro-2-methylphenol
Concen: 31.082 ng/ul
RT: 15.769 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

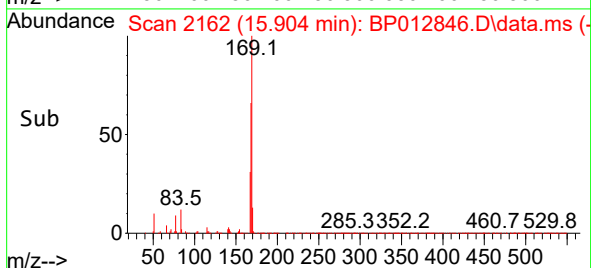
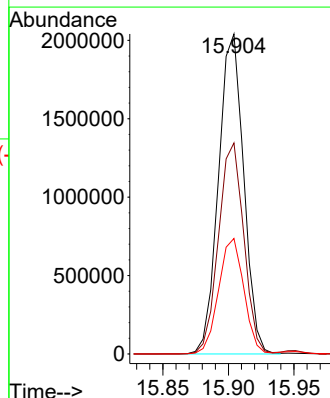
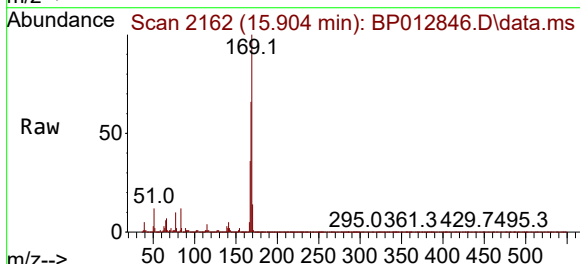
Instrument :
BNA_P
ClientSampleId :

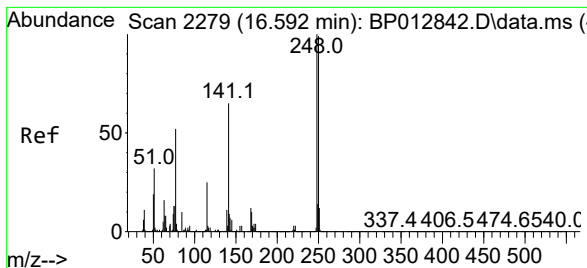
Tgt Ion:198 Resp: 552838
Ion Ratio Lower Upper
198 100
182 4.2 4.1 6.1
77 21.3 18.9 28.3



#67
N-Nitrosodiphenylamine
Concen: 27.636 ng/ul
RT: 15.904 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:169 Resp: 2722955
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 36.1 29.6 44.4

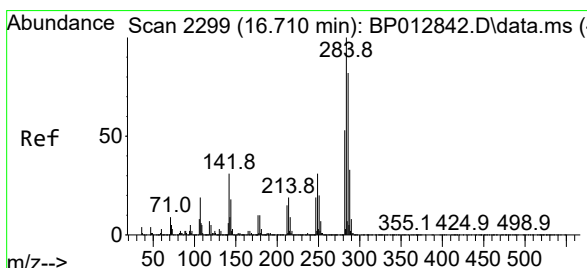
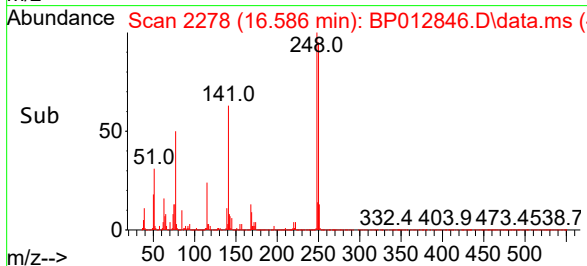
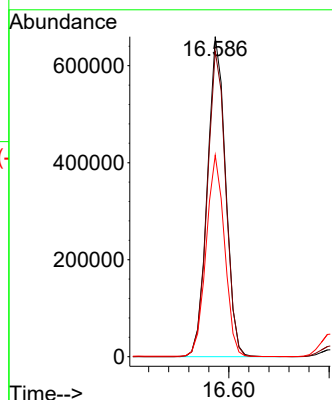
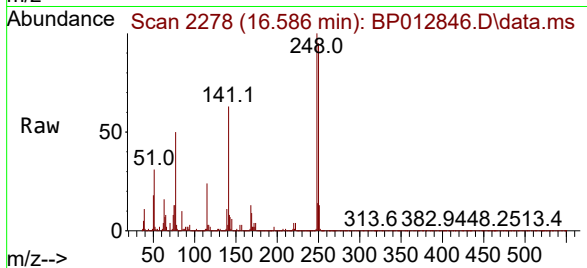




#68
4-Bromophenyl-phenylether
Concen: 24.531 ng/ul
RT: 16.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

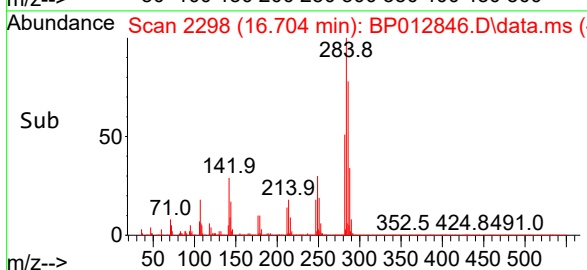
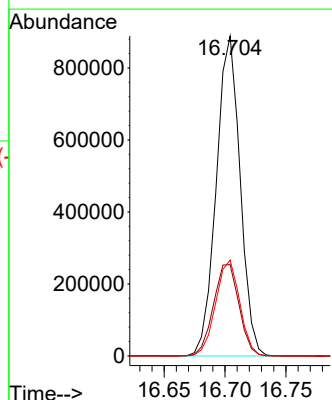
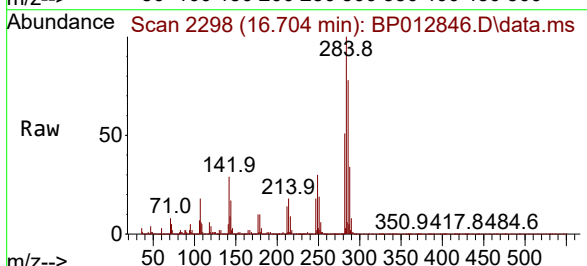
Instrument :
BNA_P
ClientSampleId :

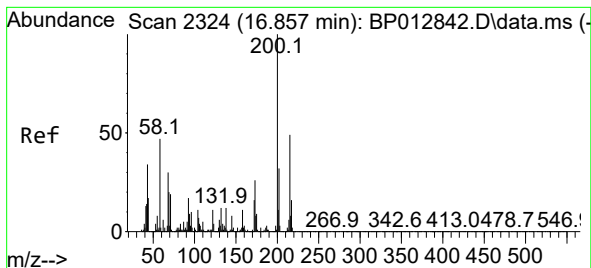
Tgt Ion:248 Resp: 837043
Ion Ratio Lower Upper
248 100
250 95.5 78.6 118.0
141 62.9 48.7 73.1



#69
Hexachlorobenzene
Concen: 27.811 ng/ul
RT: 16.704 min Scan# 2298
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:284 Resp: 1209509
Ion Ratio Lower Upper
284 100
142 28.5 25.0 37.6
249 30.0 24.6 36.8





#70

Atrazine

Concen: 28.052 ng/ul

RT: 16.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

Instrument :

BNA_P

ClientSampleId :

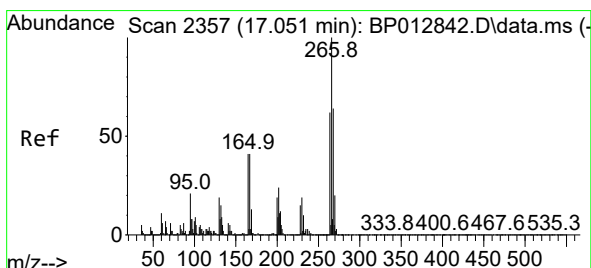
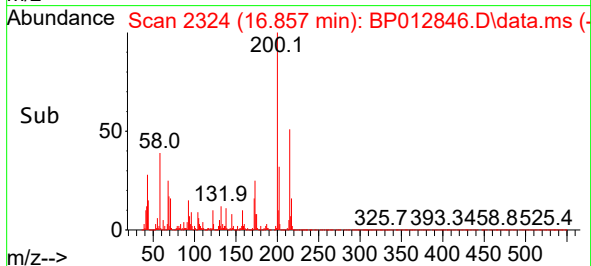
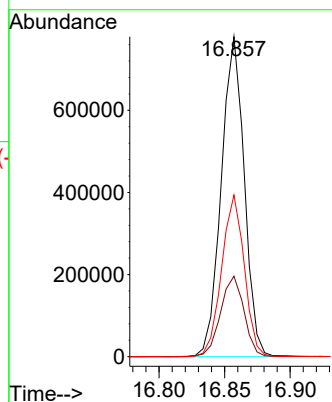
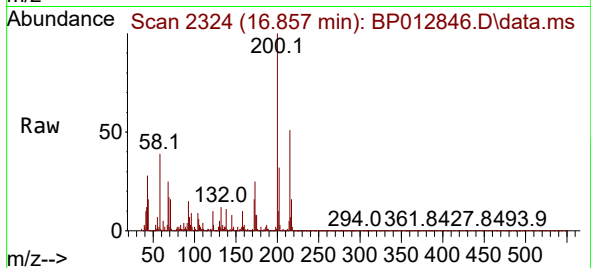
Tgt Ion:200 Resp: 948291

Ion Ratio Lower Upper

200 100

173 25.2 20.3 30.5

215 50.5 40.1 60.1



#71

Pentachlorophenol

Concen: 24.764 ng/ul

RT: 17.045 min Scan# 2356

Delta R.T. -0.006 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

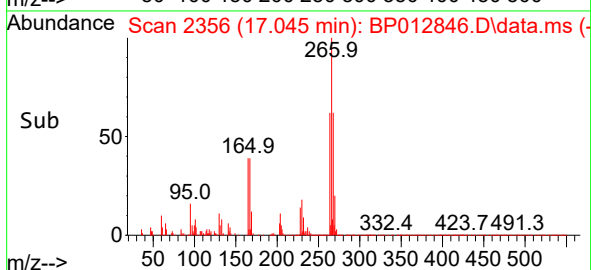
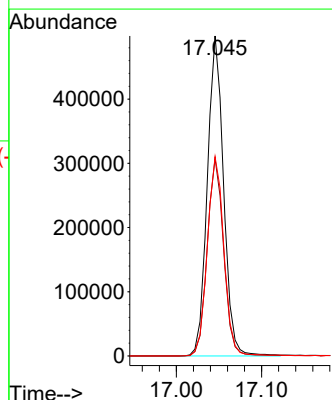
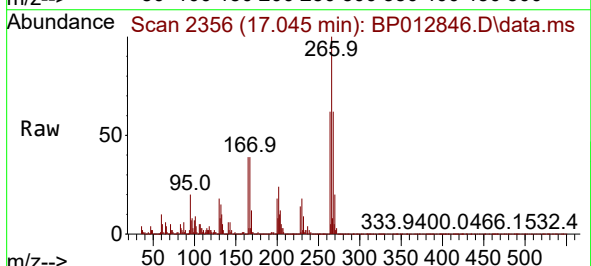
Tgt Ion:266 Resp: 661368

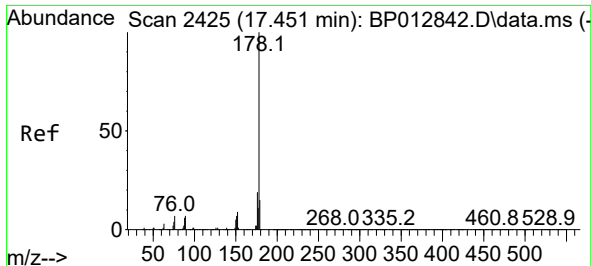
Ion Ratio Lower Upper

266 100

264 61.7 50.7 76.1

268 62.2 51.8 77.8

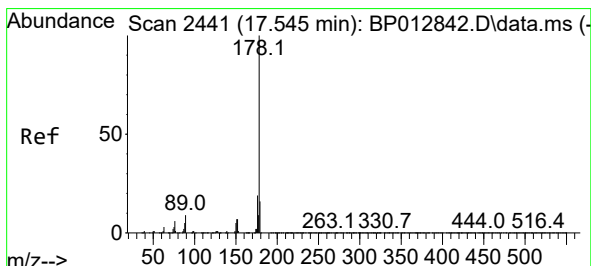
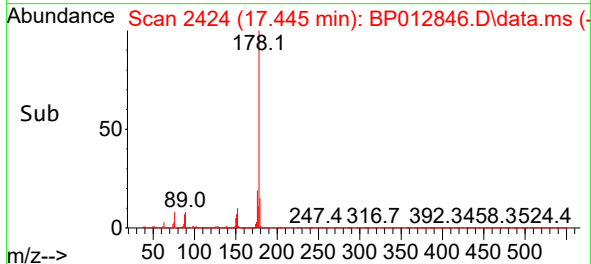
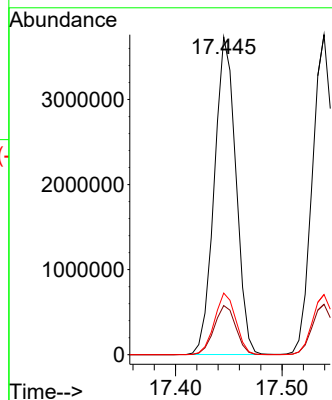
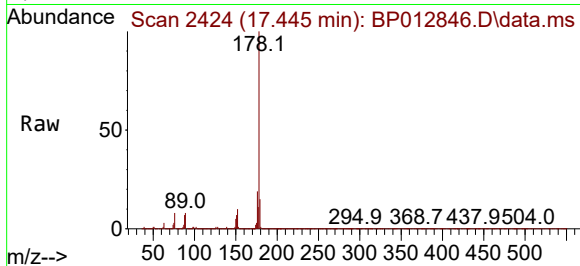




#72
Phenanthrene
Concen: 28.466 ng/ul
RT: 17.445 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

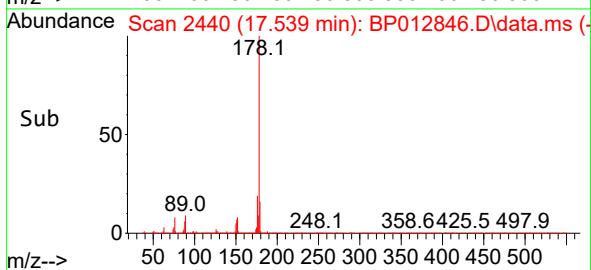
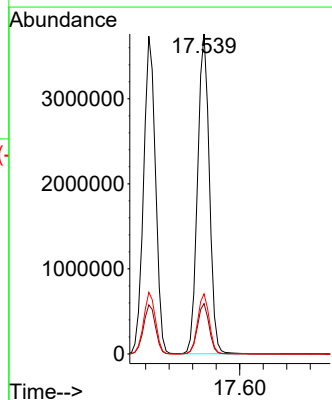
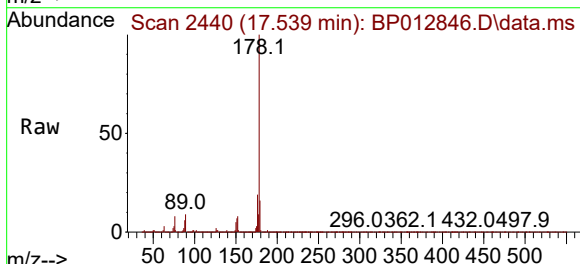
Instrument :
BNA_P
ClientSampleId :

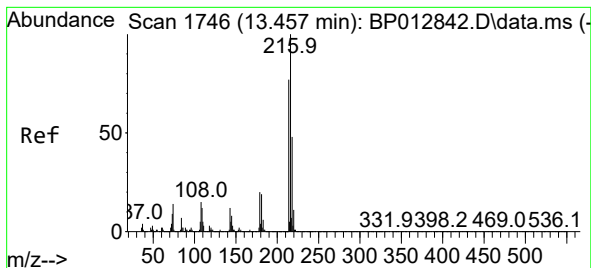
Tgt Ion:178 Resp: 5259690
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.4 15.4 23.0



#74
Anthracene
Concen: 28.575 ng/ul
RT: 17.539 min Scan# 2440
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:178 Resp: 5223443
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 18.8 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 24.247 ng/uL

RT: 13.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

Instrument :

BNA_P

ClientSampleId :

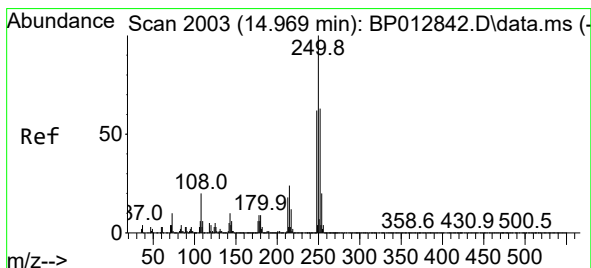
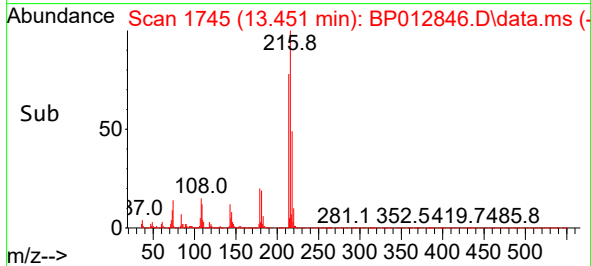
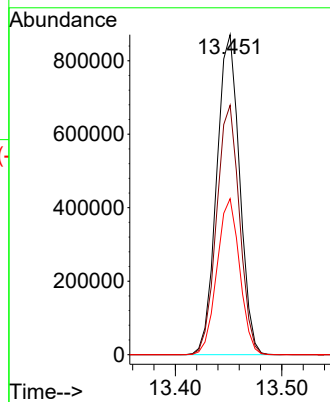
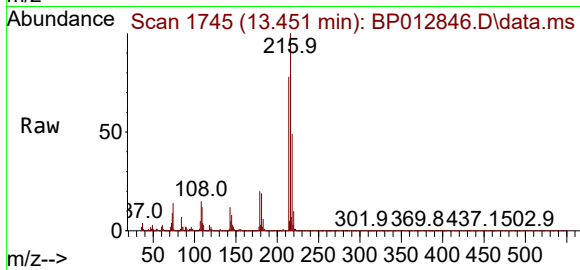
Tgt Ion:216 Resp: 1299594

Ion Ratio Lower Upper

216 100

214 78.0 62.3 93.5

218 48.8 39.1 58.7



#76

Pentachlorobenzene

Concen: 23.098 ng/uL

RT: 14.963 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

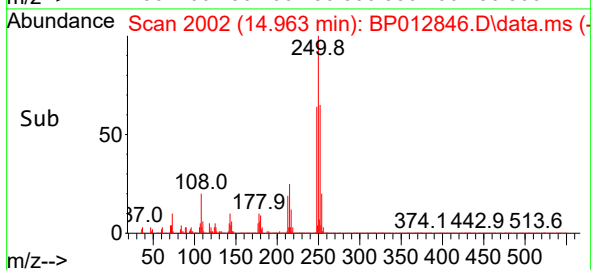
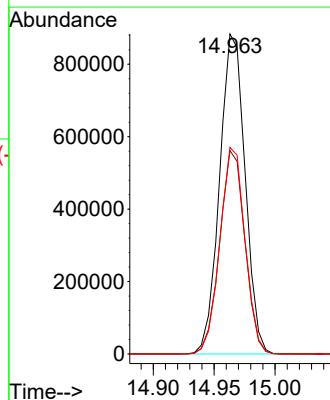
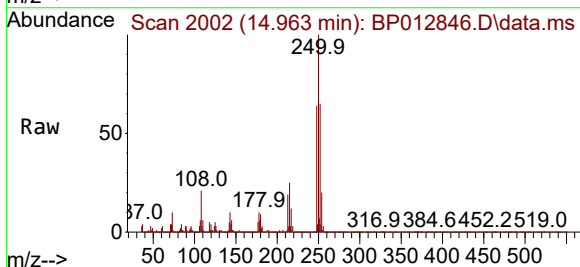
Tgt Ion:250 Resp: 1286891

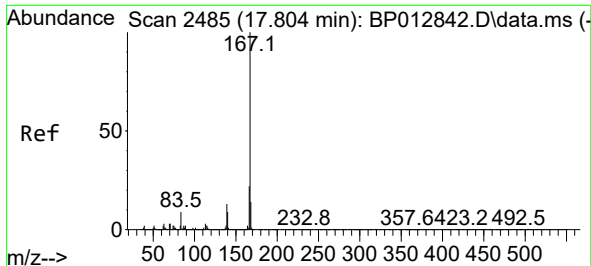
Ion Ratio Lower Upper

250 100

248 63.6 50.6 76.0

252 64.6 50.5 75.7

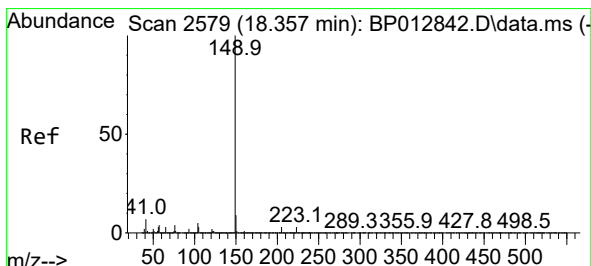
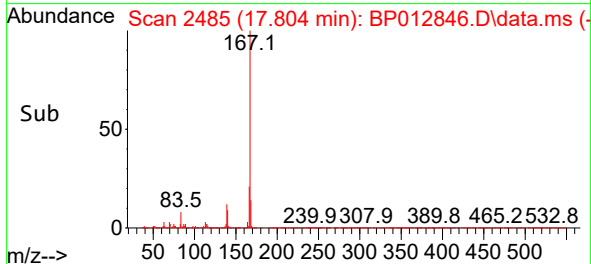
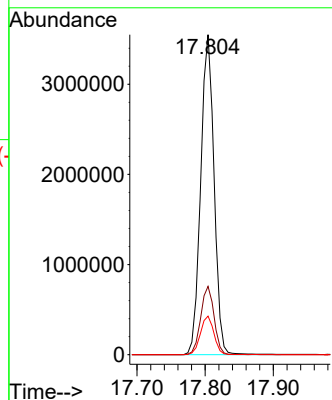
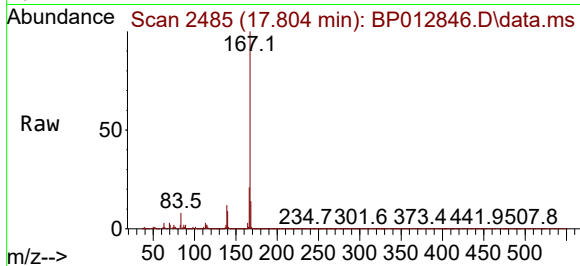




#77
 Carbazole
 Concen: 31.306 ng/ul
 RT: 17.804 min Scan# 2485
 Delta R.T. -0.006 min
 Lab File: BP012846.D
 Acq: 29 Nov 2022 11:47

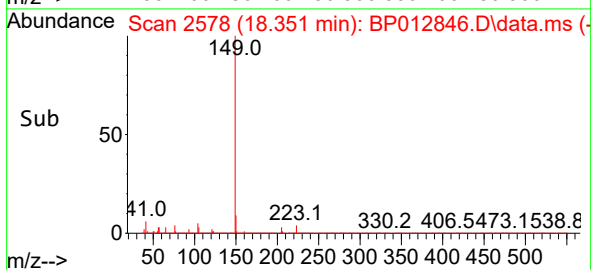
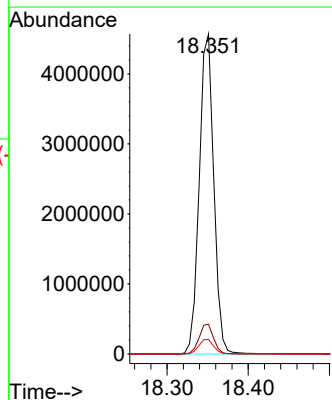
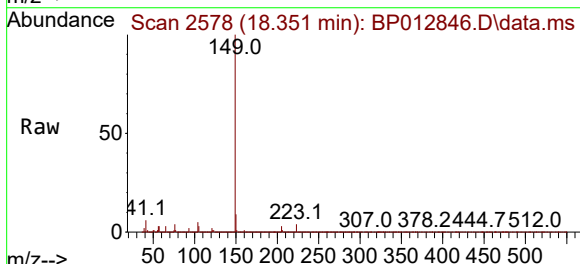
Instrument :
 BNA_P
 ClientSampleId :

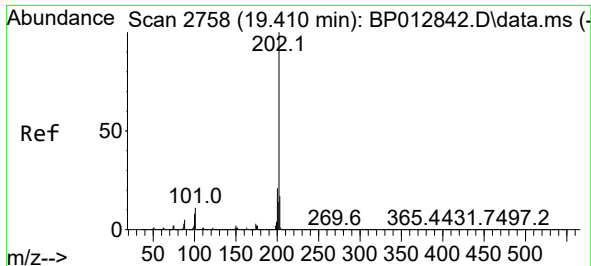
Tgt Ion:167 Resp: 4841227
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.0 9.8 14.8



#78
 Di-n-butylphthalate
 Concen: 31.012 ng/ul
 RT: 18.351 min Scan# 2578
 Delta R.T. -0.006 min
 Lab File: BP012846.D
 Acq: 29 Nov 2022 11:47

Tgt Ion:149 Resp: 5677214
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 4.6 3.7 5.5

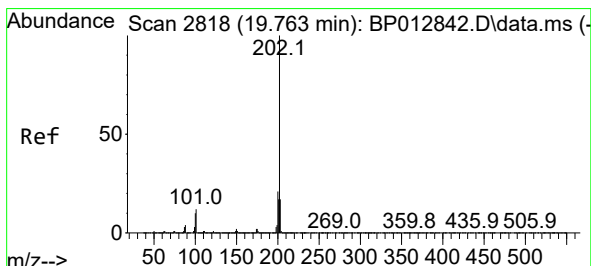
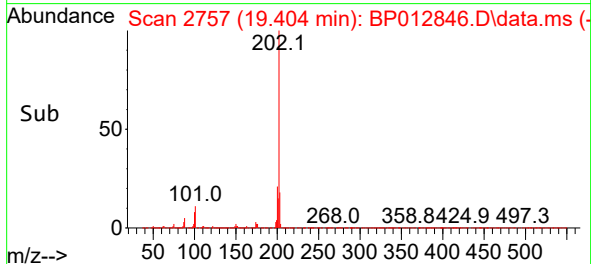
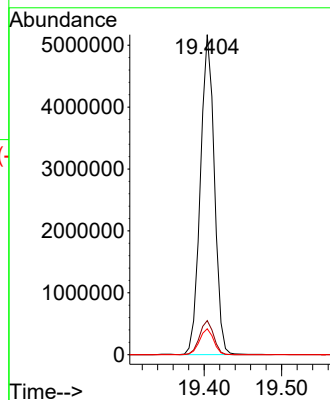
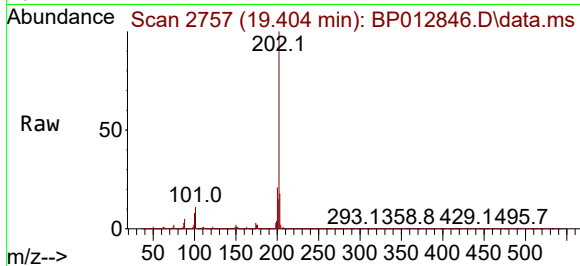




#80
Fluoranthene
Concen: 25.810 ng/ul
RT: 19.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

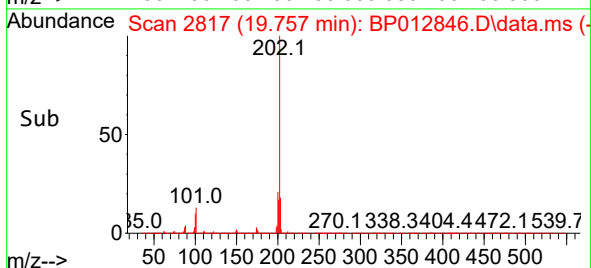
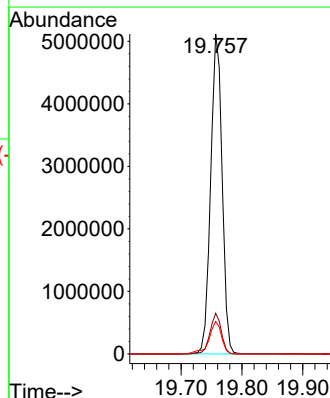
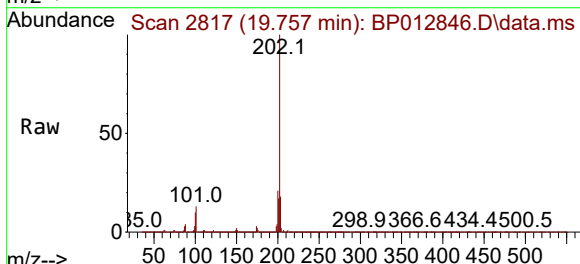
Instrument :
BNA_P
ClientSampleId :

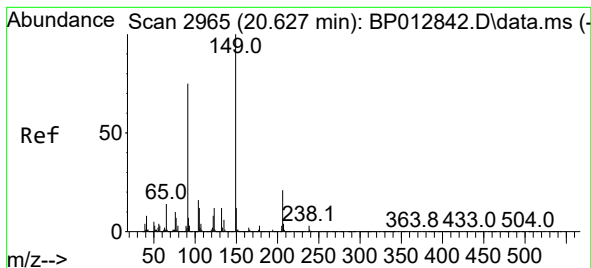
Tgt Ion:202 Resp: 6479593
Ion Ratio Lower Upper
202 100
101 10.6 8.7 13.1
100 8.1 6.9 10.3



#82
Pyrene
Concen: 25.736 ng/ul
RT: 19.757 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:202 Resp: 6682297
Ion Ratio Lower Upper
202 100
101 12.7 10.3 15.5
100 10.2 8.6 13.0





#83

Butylbenzylphthalate

Concen: 38.335 ng/ul

RT: 20.622 min Scan# 2965

Delta R.T. -0.012 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

Instrument :

BNA_P

ClientSampleId :

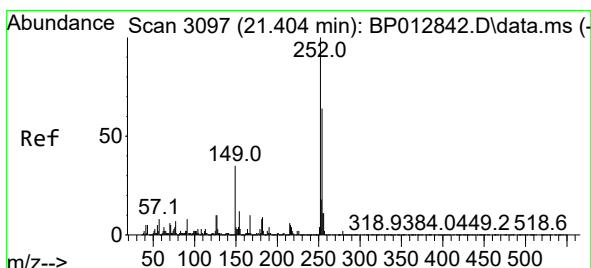
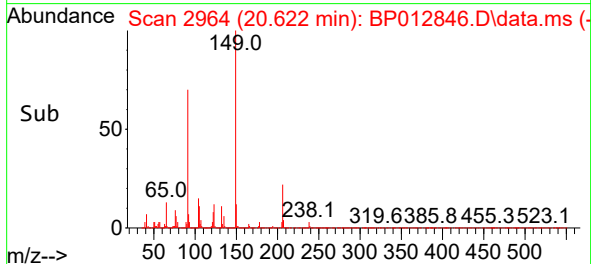
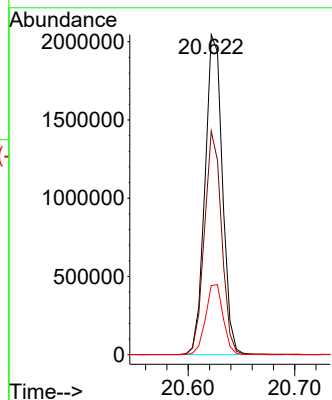
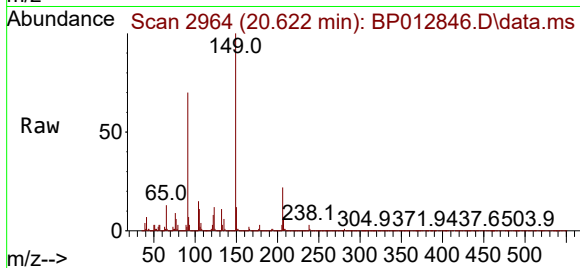
Tgt Ion:149 Resp: 2329236

Ion Ratio Lower Upper

149 100

91 69.8 58.2 87.2

206 21.6 16.5 24.7



#84

3,3'-Dichlorobenzidine

Concen: 27.625 ng/ul

RT: 21.398 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

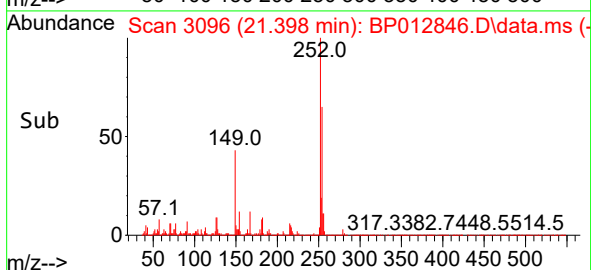
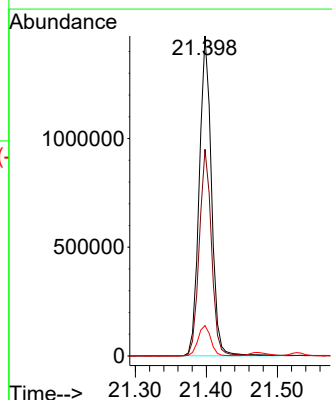
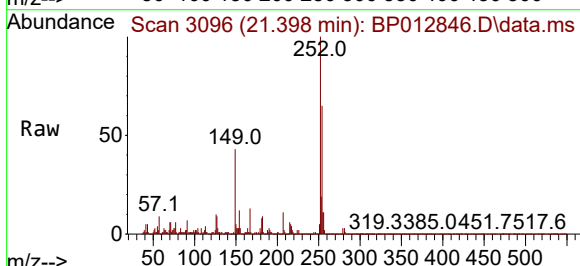
Tgt Ion:252 Resp: 1762085

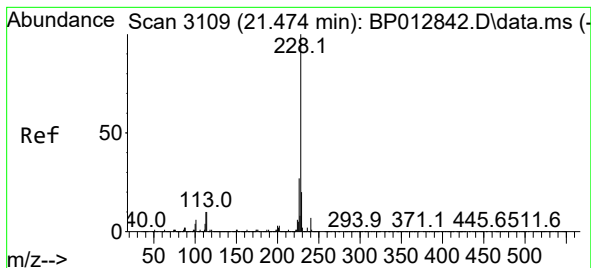
Ion Ratio Lower Upper

252 100

254 64.6 52.3 78.5

126 9.5 7.6 11.4





#85

Benzo(a)anthracene

Concen: 27.341 ng/ul

RT: 21.474 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

Instrument :

BNA_P

ClientSampleId :

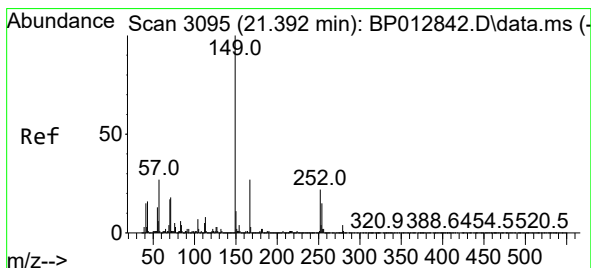
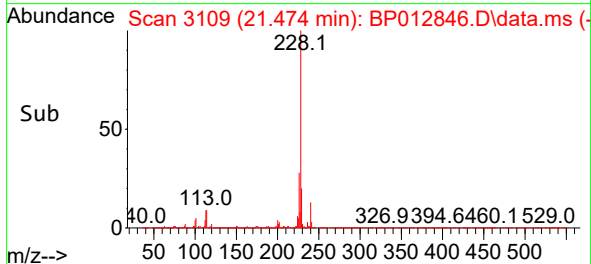
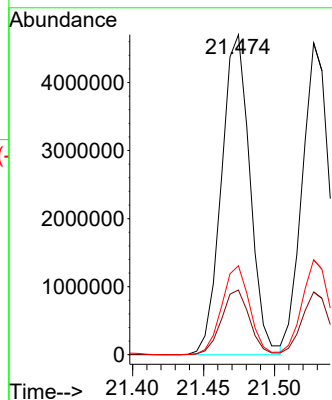
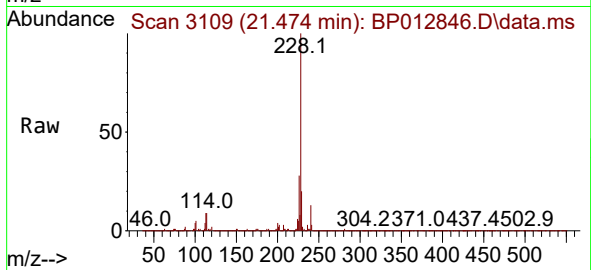
Tgt Ion:228 Resp: 6568441

Ion Ratio Lower Upper

228 100

229 20.2 16.2 24.2

226 27.8 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 36.925 ng/ul

RT: 21.386 min Scan# 3094

Delta R.T. -0.012 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

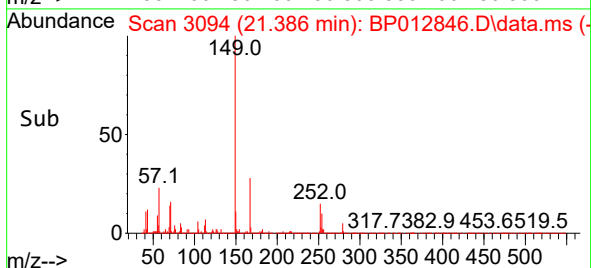
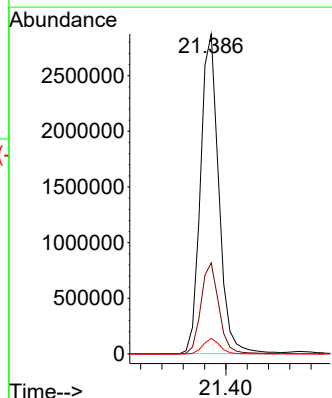
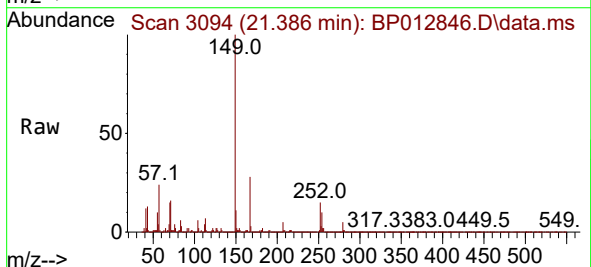
Tgt Ion:149 Resp: 3431062

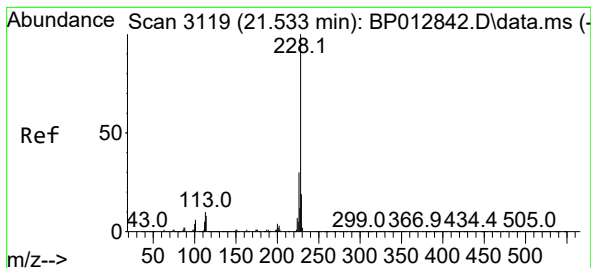
Ion Ratio Lower Upper

149 100

167 28.5 22.7 34.1

279 4.9 3.8 5.6





#87

Chrysene

Concen: 26.154 ng/ul

RT: 21.527 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

Instrument :

BNA_P

ClientSampleId :

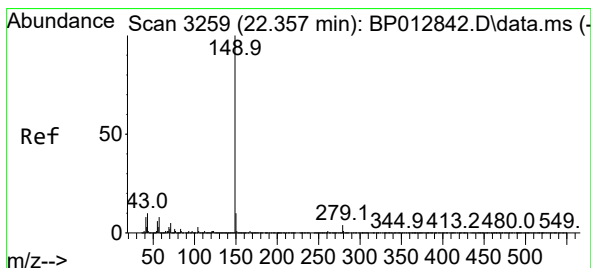
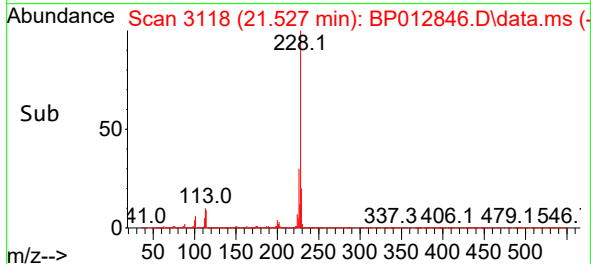
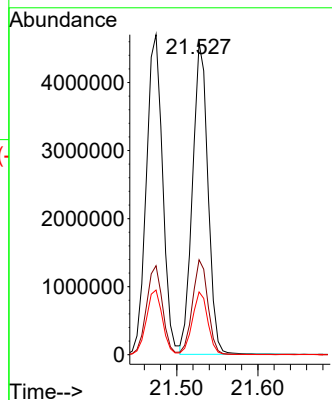
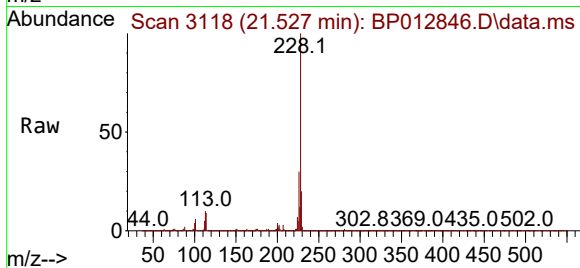
Tgt Ion:228 Resp: 6075239

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.1 15.9 23.9



#89

Di-n-octyl phthalate

Concen: 30.042 ng/ul

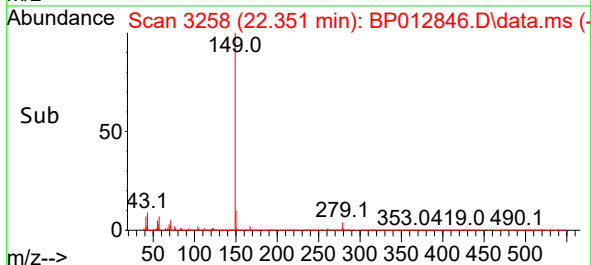
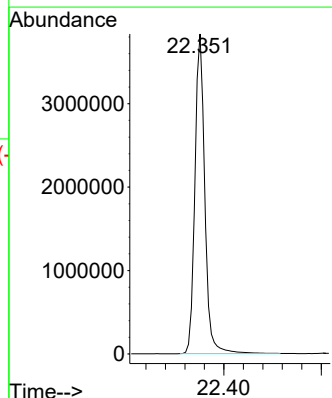
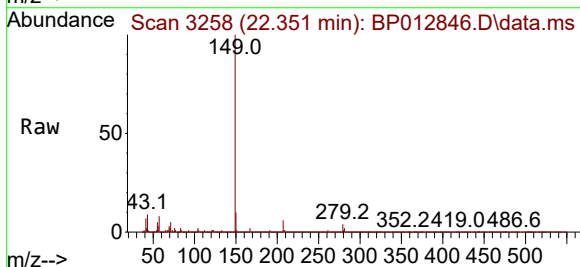
RT: 22.351 min Scan# 3258

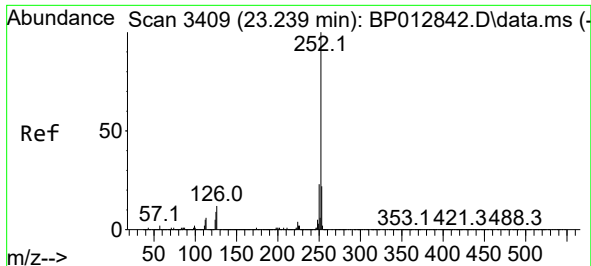
Delta R.T. -0.012 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

Tgt Ion:149 Resp: 5449033

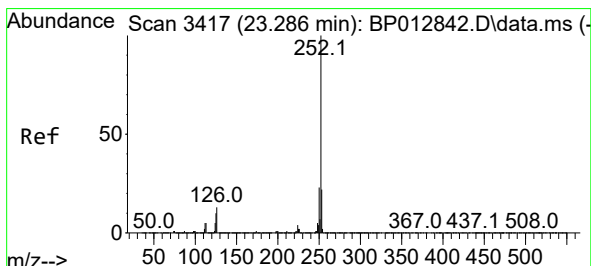
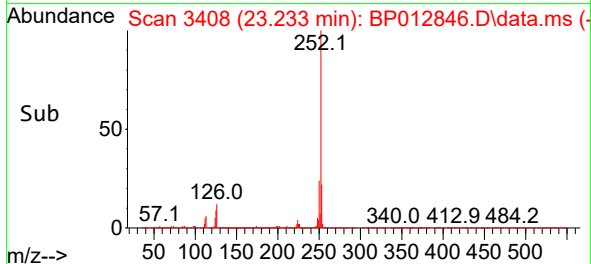
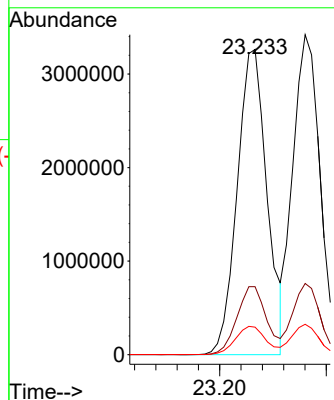
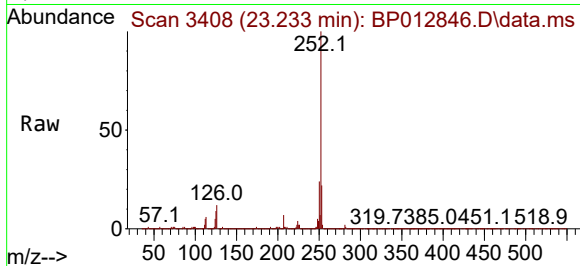




#90
Benzo(b)fluoranthene
Concen: 26.985 ng/ul
RT: 23.233 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

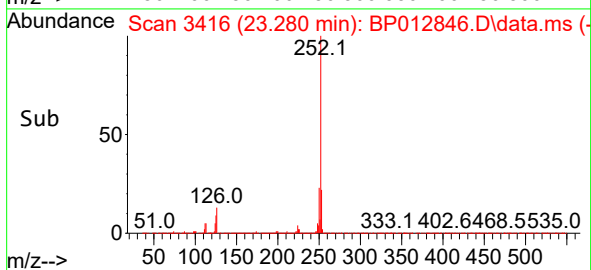
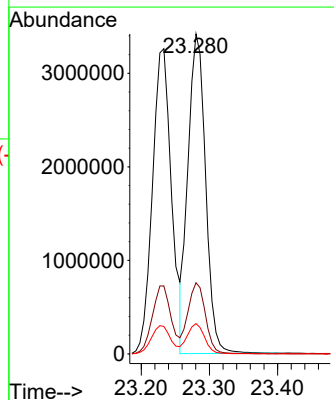
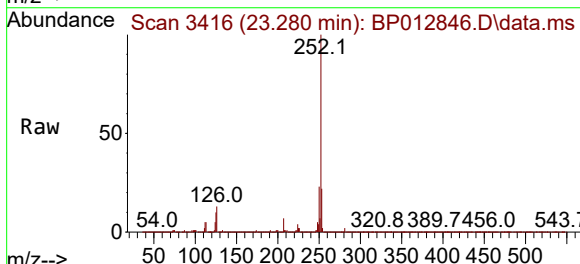
Instrument :
BNA_P
ClientSampleId :

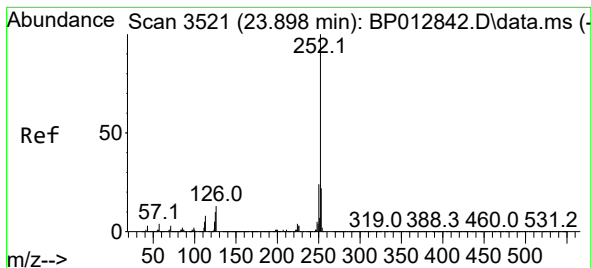
Tgt Ion:252 Resp: 6346846
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.0 7.4 11.2



#91
Benzo(k)fluoranthene
Concen: 26.029 ng/ul
RT: 23.280 min Scan# 3416
Delta R.T. -0.012 min
Lab File: BP012846.D
Acq: 29 Nov 2022 11:47

Tgt Ion:252 Resp: 6111037
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.5 7.8 11.8





#93

Benzo(a)pyrene

Concen: 27.607 ng/ul

RT: 23.892 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

Instrument :

BNA_P

ClientSampleId :

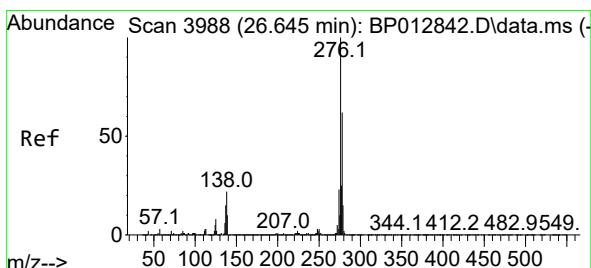
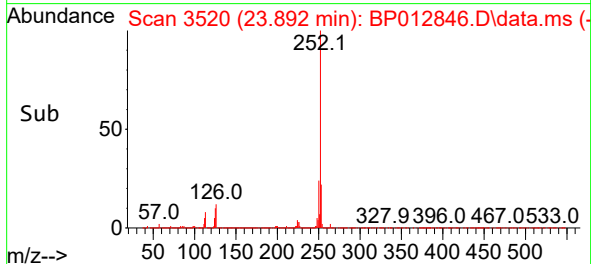
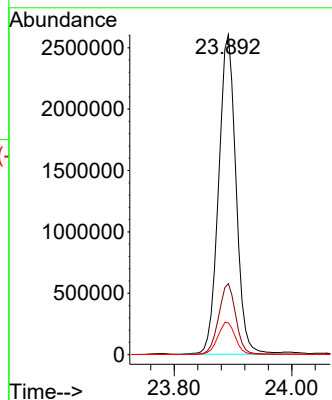
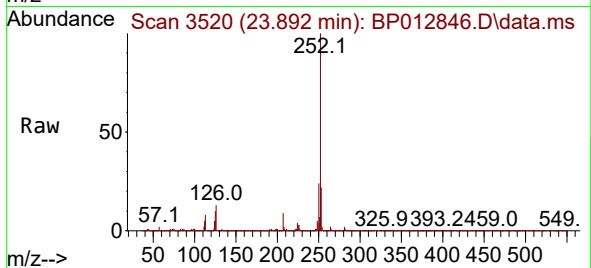
Tgt Ion:252 Resp: 5339484

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.0 8.5 12.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.635 ng/ul

RT: 26.633 min Scan# 3986

Delta R.T. -0.018 min

Lab File: BP012846.D

Acq: 29 Nov 2022 11:47

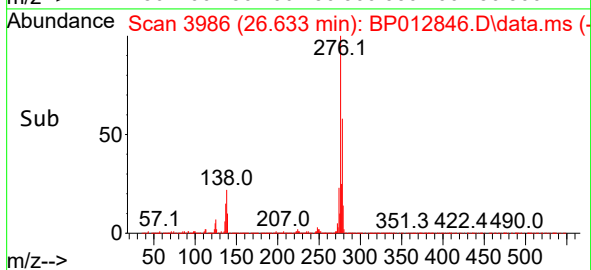
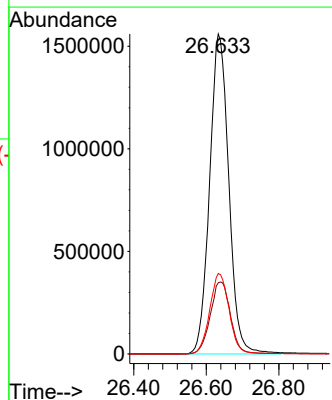
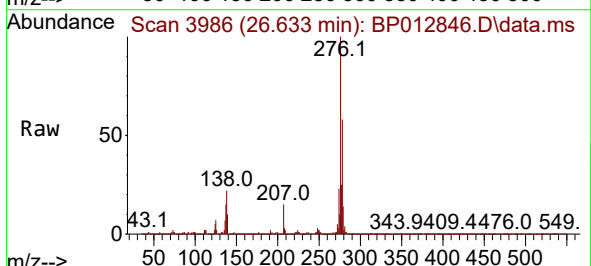
Tgt Ion:276 Resp: 5716408

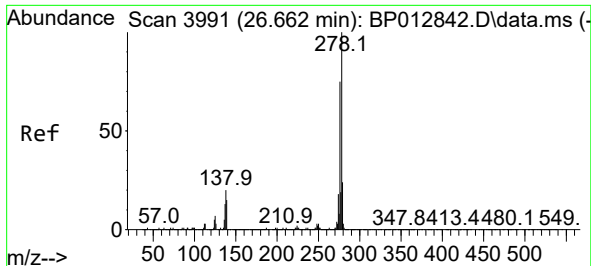
Ion Ratio Lower Upper

276 100

138 22.3 18.3 27.5

277 25.2 19.8 29.8

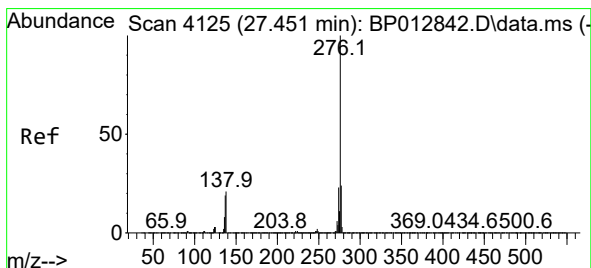
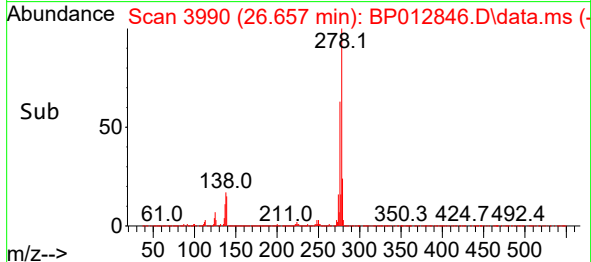
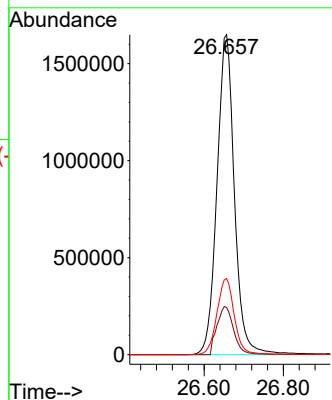
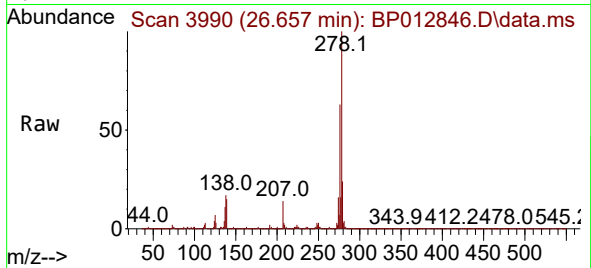




#95
 Dibenzo(a,h)anthracene
 Concen: 29.668 ng/ul
 RT: 26.657 min Scan# 3990
 Delta R.T. -0.018 min
 Lab File: BP012846.D
 Acq: 29 Nov 2022 11:47

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 5023316
 Ion Ratio Lower Upper
 278 100
 139 14.8 12.6 18.8
 279 23.8 19.4 29.2



#96
 Benzo(g,h,i)perylene
 Concen: 28.226 ng/ul
 RT: 27.445 min Scan# 4124
 Delta R.T. -0.012 min
 Lab File: BP012846.D
 Acq: 29 Nov 2022 11:47

Tgt Ion:276 Resp: 4530193
 Ion Ratio Lower Upper
 276 100
 138 19.9 16.7 25.1
 277 23.8 19.1 28.7

