

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112922\
 Data File : BP012859.D
 Acq On : 29 Nov 2022 19:12
 Operator : CG/JU
 Sample : N5725-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 29 22:58:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 29 22:53:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	507909	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	2303952	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	1573102	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	3481150	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	3515961	20.000	ng/ul	0.00
88) Perylene-d12	23.992	264	3311801	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	65960	5.565	ng/uL	0.00
4) Pyridine-d5	3.822	84	239311	6.747	ng/ul	0.00
7) Phenol-d5	7.158	99	373399	8.947	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	882071	34.298	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	809141	25.443	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	586121	17.430	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	544207	38.592	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	495978	33.125	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	987177	28.256	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	790060	16.514	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	4038236	37.295	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	4406907	34.881	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	146569	7.592	ng/ul	0.00
60) Fluorene-d10	15.639	176	3662616	38.624	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	420681	25.284	ng/ul	0.00
73) Anthracene-d10	17.504	188	6208893	40.518	ng/ul	0.00
81) Pyrene-d10	19.727	212	7238619	35.432	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	6651504	40.889	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	17942	1.409	ng/uL#	92
5) Pyridine	3.846	79	106528	3.069	ng/ul#	82
6) Benzaldehyde	7.146	77	67169	3.296	ng/ul	95
8) Phenol	7.187	94	134230	3.067	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	114064	3.181	ng/ul	94
12) 2-Chlorophenol	7.569	128	109584	3.168	ng/ul	97
13) 2-Methylphenol	8.452	108	93029	2.735	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.546	45	165438	3.199	ng/ul	98
16) Acetophenone	8.840	105	197305	3.702	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	80274	3.057	ng/ul	98
18) 4-Methylphenol	8.775	108	112932	3.015	ng/ul	99
19) Hexachloroethane	9.105	117	40917	3.084	ng/ul	98
22) Nitrobenzene	9.222	77	126747	3.427	ng/ul	97
23) Isophorone	9.746	82	220365	2.703	ng/ul	100
25) 2-Nitrophenol	9.934	139	61040	3.396	ng/ul	94
26) 2,4-Dimethylphenol	9.987	107	121649	3.046	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.234	93	160076	3.202	ng/ul	98
29) 2,4-Dichlorophenol	10.469	162	114491	3.163	ng/ul	93
30) Naphthalene	10.881	128	403512	3.345	ng/ul	98
32) 4-Chloroaniline	10.987	127	145661	2.965	ng/ul	97
33) Hexachlorobutadiene	11.163	225	77006	3.194	ng/ul	98
34) Caprolactam	11.751	113	26919	2.422	ng/ul	96
35) 4-Chloro-3-methylphenol	12.093	107	106162	2.897	ng/ul	97
36) 2-Methylnaphthalene	12.481	142	267454	3.219	ng/ul	99

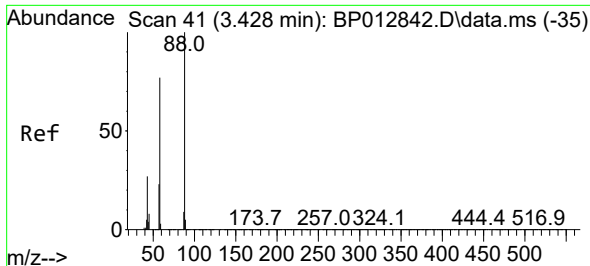
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	271717	3.263	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.845	216	157226	3.134	ng/ul	98
40) Hexachlorocyclopentadiene	12.822	237	59070	2.444	ng/ul	99
41) 2,4,6-Trichlorophenol	13.081	196	84179	2.682	ng/ul	97
42) 2,4,5-Trichlorophenol	13.145	196	91836	2.722	ng/ul	99
43) 1,1'-Biphenyl	13.481	154	374355	3.267	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	293604	3.203	ng/ul	97
45) 2-Nitroaniline	13.722	65	52962	2.953	ng/ul	88
47) Dimethylphthalate	14.098	163	379392	3.343	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	42779	2.408	ng/ul#	87
50) Acenaphthylene	14.369	152	457778	3.314	ng/ul	99
51) 3-Nitroaniline	14.545	138	42481	2.065	ng/ul#	91
52) Acenaphthene	14.710	153	330593	3.399	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	19631	1.720	ng/ul#	84
55) 4-Nitrophenol	14.839	109	38944	2.777	ng/ul	93
56) Dibenzofuran	15.045	168	473745	3.534	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	69236	2.641	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.269	232	79852	2.746	ng/ul	98
59) Diethylphthalate	15.463	149	349024	3.177	ng/ul	99
61) Fluorene	15.692	166	374870	3.487	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.687	204	191700	3.437	ng/ul	99
63) 4-Nitroaniline	15.704	138	40308	2.299	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.763	198	53651	3.004	ng/ul#	81
67) N-Nitrosodiphenylamine	15.898	169	301583	3.048	ng/ul	99
68) 4-Bromophenyl-phenylether	16.586	248	108128	3.156	ng/ul	97
69) Hexachlorobenzene	16.698	284	134908	3.089	ng/ul	99
70) Atrazine	16.851	200	45854	1.351	ng/ul	99
71) Pentachlorophenol	17.045	266	58923	2.197	ng/ul	98
72) Phenanthrene	17.445	178	615137	3.316	ng/ul	99
74) Anthracene	17.533	178	613116	3.340	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.445	216	157306	2.923	ng/uL	98
76) Pentachlorobenzene	14.963	250	157268	2.811	ng/uL	99
77) Carbazole	17.798	167	515136	3.318	ng/ul	99
78) Di-n-butylphthalate	18.345	149	576770	3.138	ng/ul	99
80) Fluoranthene	19.398	202	689028	2.711	ng/ul	100
82) Pyrene	19.757	202	773972	2.945	ng/ul	98
83) Butylbenzylphthalate	20.622	149	184787	3.005	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	112997	1.750	ng/ul#	97
85) Benzo(a)anthracene	21.469	228	691149	2.842	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	260404	2.769	ng/ul#	97
87) Chrysene	21.522	228	678386	2.885	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	384194	2.031	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	635998	2.593	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	646661	2.642	ng/ul	100
93) Benzo(a)pyrene	23.880	252	573704	2.845	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.621	276	593984	3.053	ng/ul	98
95) Dibenzo(a,h)anthracene	26.633	278	517804	2.933	ng/ul	99
96) Benzo(g,h,i)perylene	27.427	276	505692	3.022	ng/ul	99

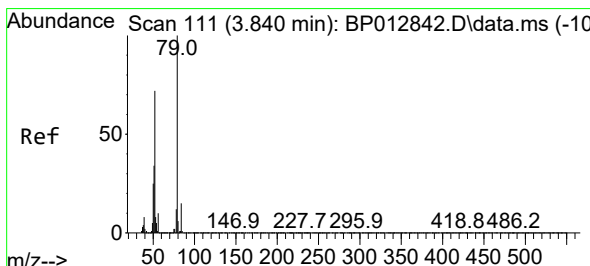
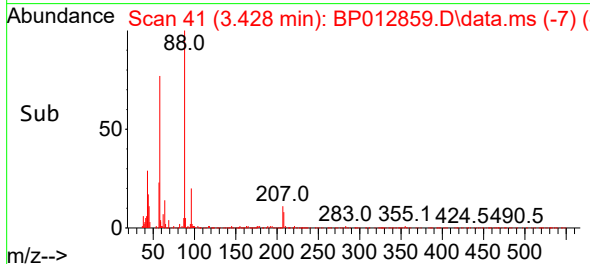
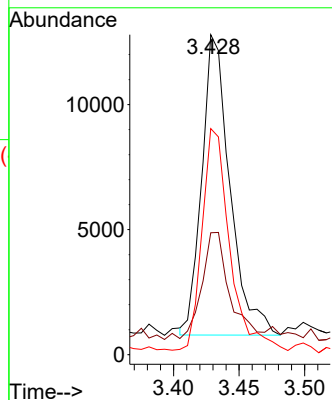
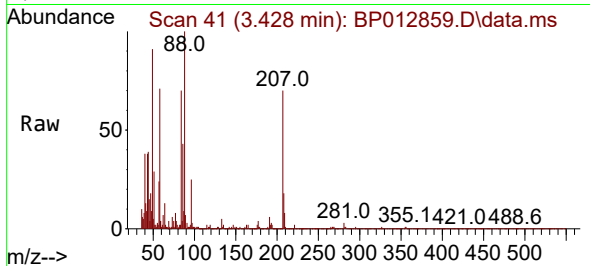
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 1.409 ng/uL
RT: 3.428 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP012859.D
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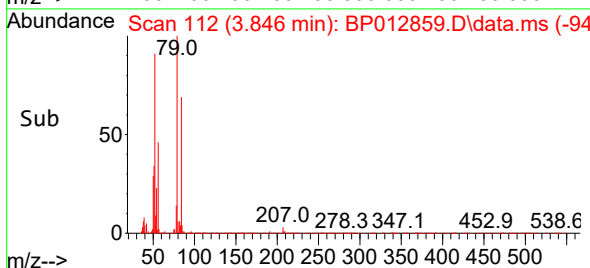
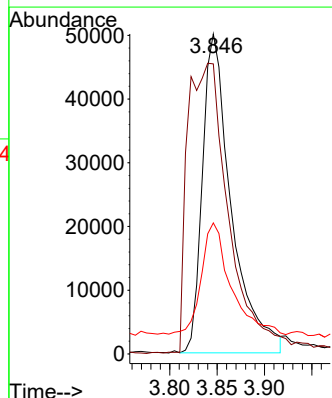
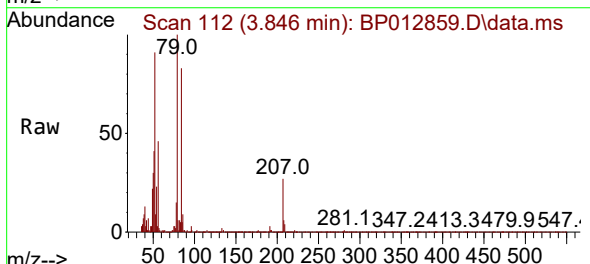
Instrument :
BNA_P
ClientSampleId :

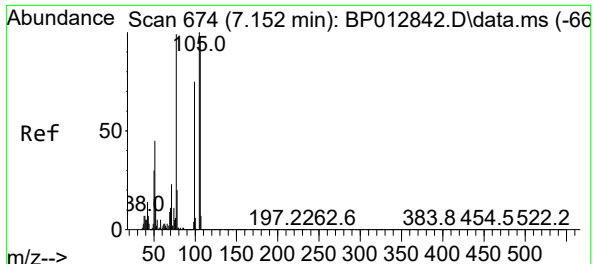
Tgt Ion: 88 Resp: 17942
Ion Ratio Lower Upper
88 100
43 38.1 22.6 34.0#
58 70.6 59.6 89.4



#5
Pyridine
Concen: 3.069 ng/uL
RT: 3.846 min Scan# 112
Delta R.T. 0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion: 79 Resp: 106528
Ion Ratio Lower Upper
79 100
52 90.7 58.9 88.3#
51 41.0 27.3 40.9#

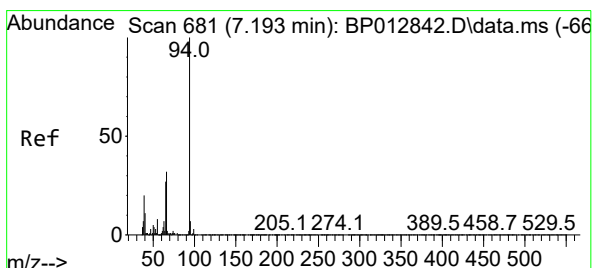
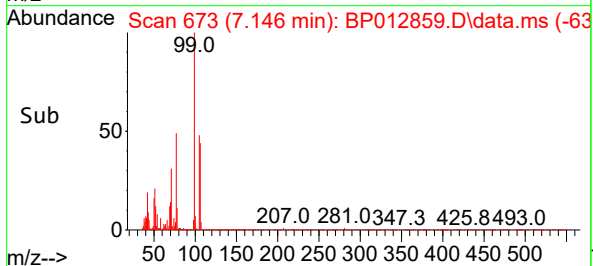
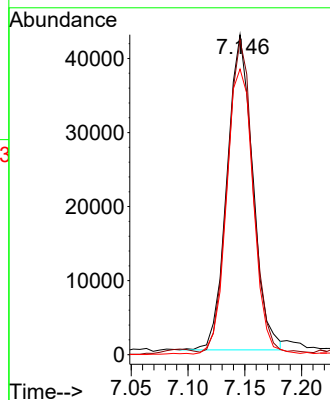
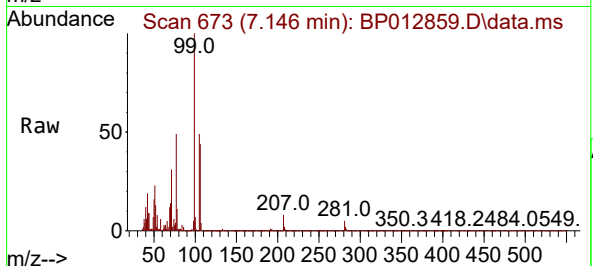




#6
Benzaldehyde
Concen: 3.296 ng/ul
RT: 7.146 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

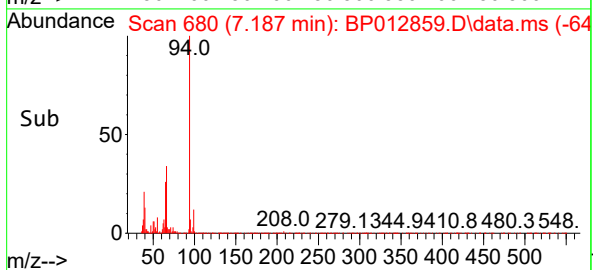
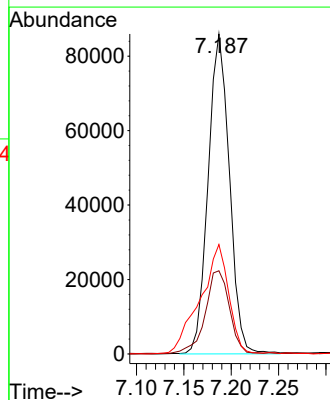
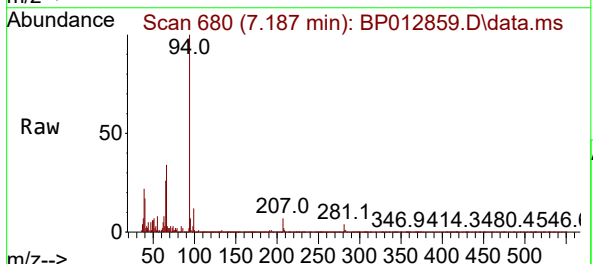
Instrument :
BNA_P
ClientSampleId :

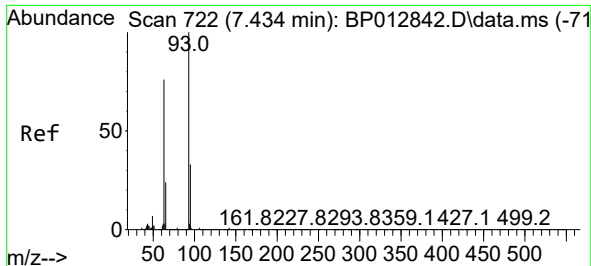
Tgt Ion: 77 Resp: 67169
Ion Ratio Lower Upper
77 100
105 98.4 81.4 122.2
106 89.2 77.4 116.0



#8
Phenol
Concen: 3.067 ng/ul
RT: 7.187 min Scan# 680
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

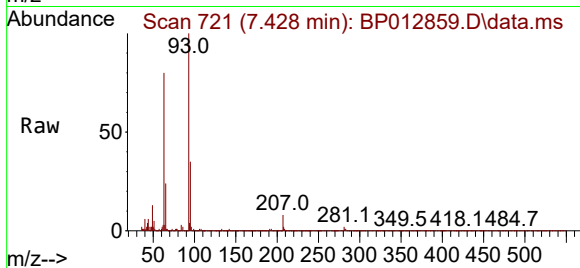
Tgt Ion: 94 Resp: 134230
Ion Ratio Lower Upper
94 100
65 26.0 20.9 31.3
66 34.2 26.0 39.0



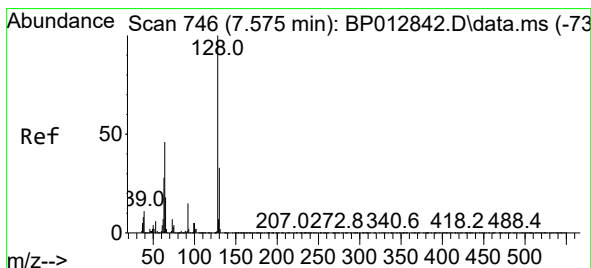
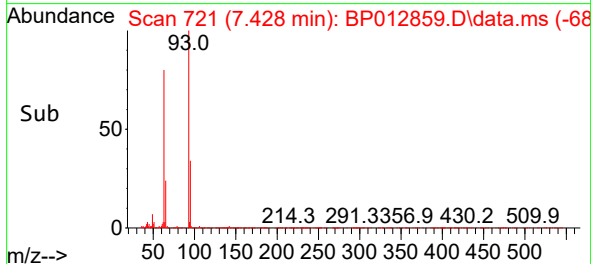
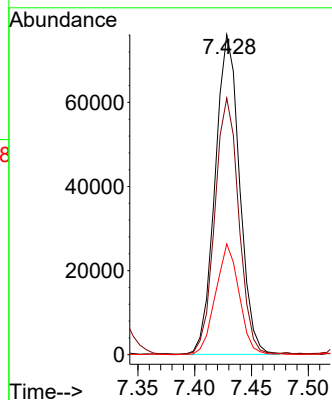


#10
 Bis(2-Chloroethyl)ether
 Concen: 3.181 ng/ul
 RT: 7.428 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP012859.D
 Acq: 29 Nov 2022 19:12

Instrument :
 BNA_P
 ClientSampleId :

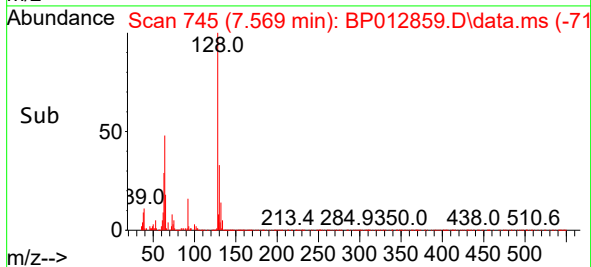
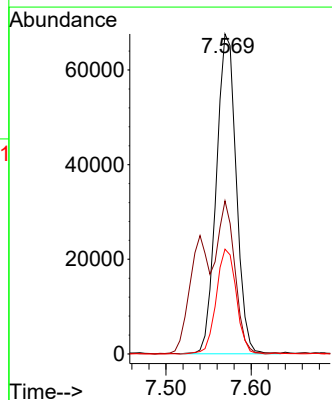
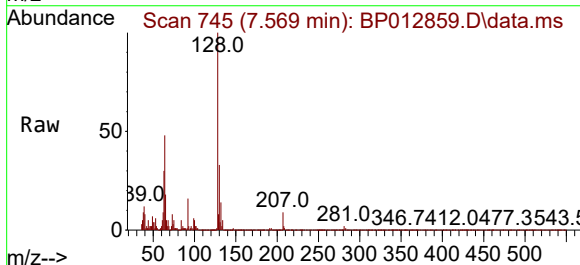


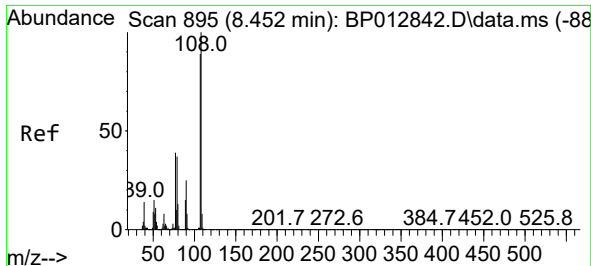
Tgt Ion: 93 Resp: 114064
 Ion Ratio Lower Upper
 93 100
 63 80.2 59.7 89.5
 95 34.6 25.8 38.6



#12
 2-Chlorophenol
 Concen: 3.168 ng/ul
 RT: 7.569 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: BP012859.D
 Acq: 29 Nov 2022 19:12

Tgt Ion: 128 Resp: 109584
 Ion Ratio Lower Upper
 128 100
 64 47.8 35.6 53.4
 130 32.7 26.0 39.0





#13

2-Methylphenol

Concen: 2.735 ng/ul

RT: 8.452 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP012859.D

Acq: 29 Nov 2022 19:12

Instrument :

BNA_P

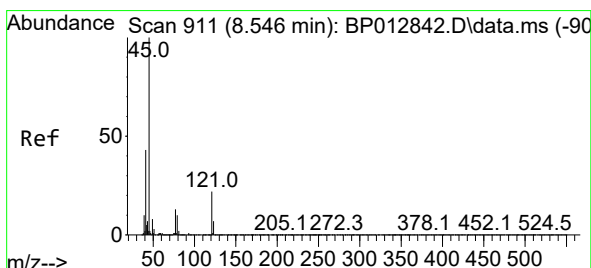
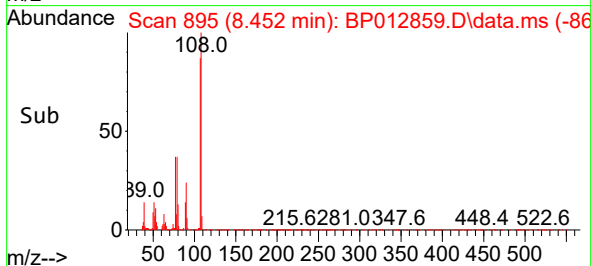
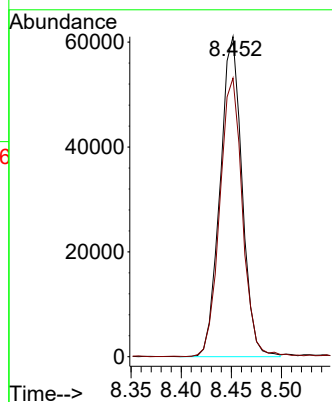
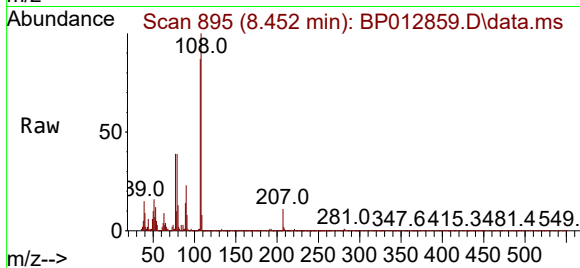
ClientSampleId :

Tgt Ion:108 Resp: 93029

Ion Ratio Lower Upper

108 100

107 87.0 69.3 103.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.199 ng/ul

RT: 8.546 min Scan# 911

Delta R.T. 0.000 min

Lab File: BP012859.D

Acq: 29 Nov 2022 19:12

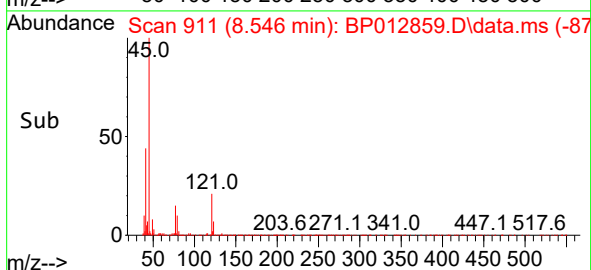
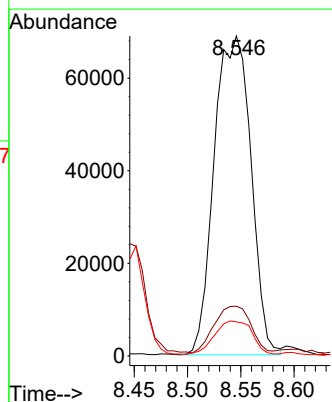
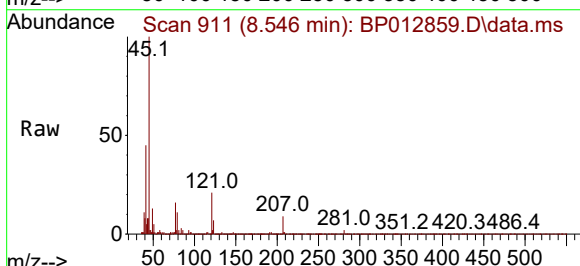
Tgt Ion: 45 Resp: 165438

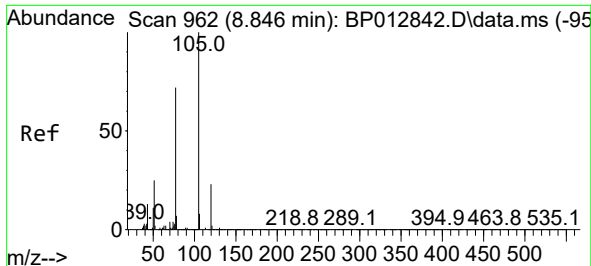
Ion Ratio Lower Upper

45 100

77 15.6 11.3 16.9

79 10.7 8.6 12.8

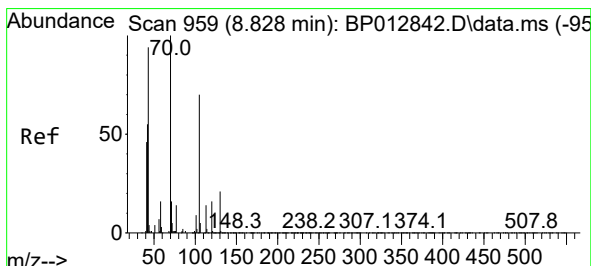
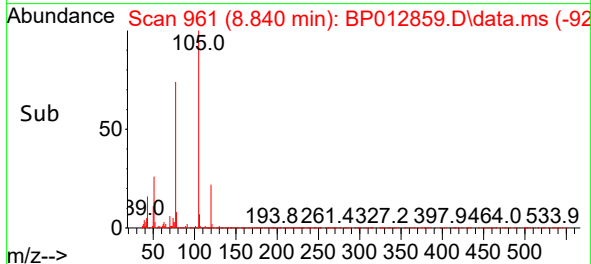
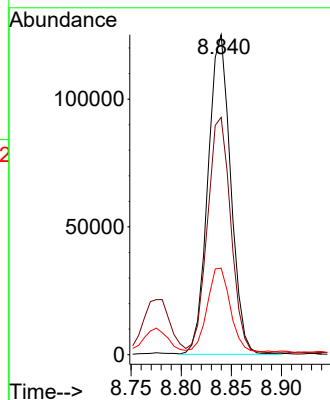
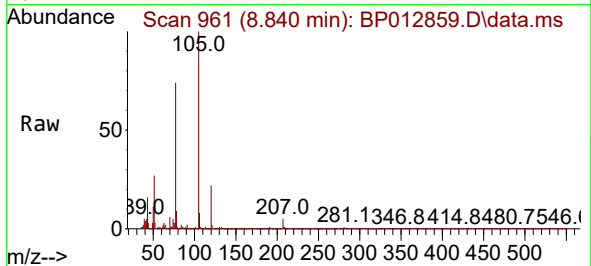




#16
Acetophenone
Concen: 3.702 ng/ul
RT: 8.840 min Scan# 962
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

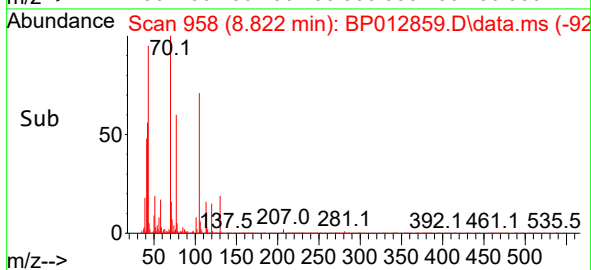
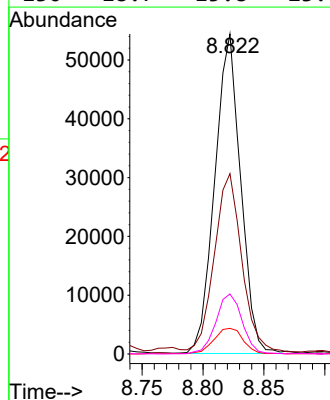
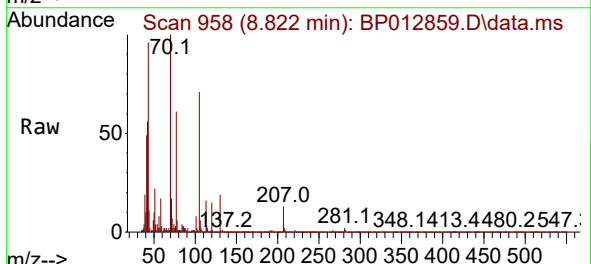
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BNA_P
ClientSampleId :

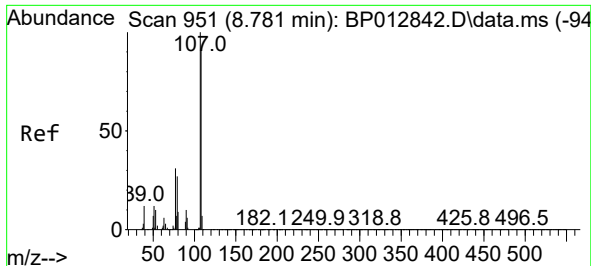
Tgt Ion:105 Resp: 197305
Ion Ratio Lower Upper
105 100
77 74.1 59.7 89.5
51 27.1 20.9 31.3



#17
N-Nitroso-di-n-propylamine
Concen: 3.057 ng/ul
RT: 8.822 min Scan# 958
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion: 70 Resp: 80274
Ion Ratio Lower Upper
70 100
42 56.3 46.1 69.1
101 8.0 7.4 11.2
130 18.7 15.8 23.6

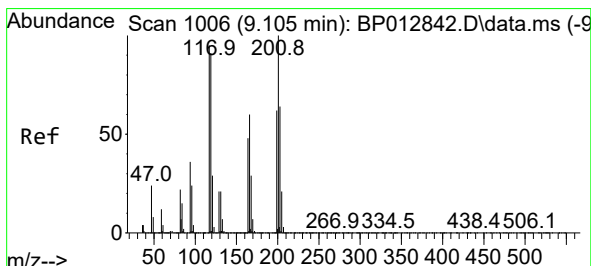
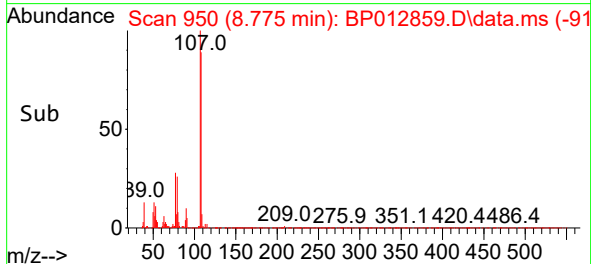
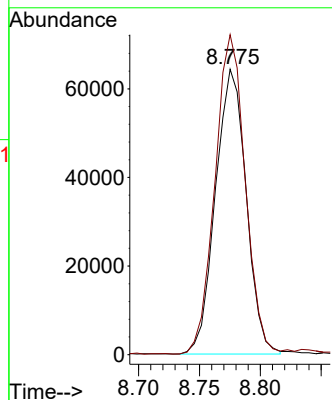
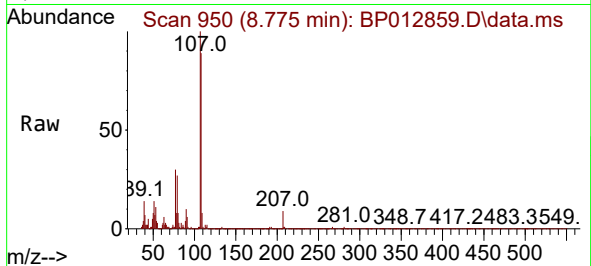




#18
4-Methylphenol
Concen: 3.015 ng/ul
RT: 8.775 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

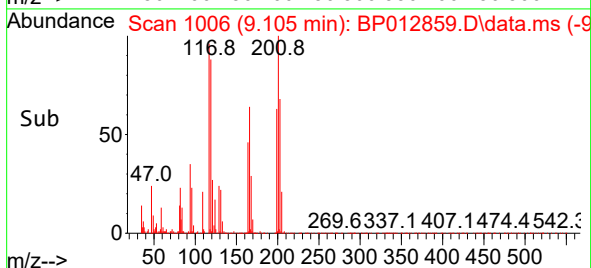
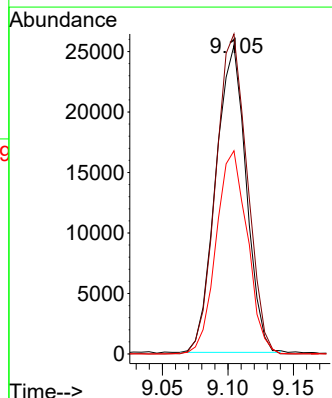
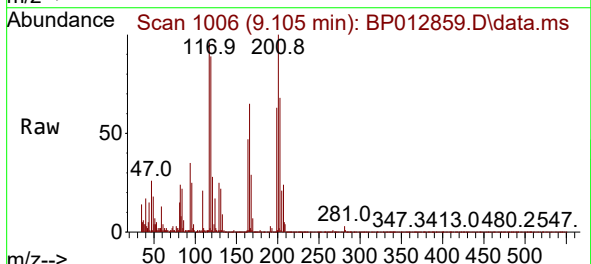
Instrument :
BNA_P
ClientSampleId :

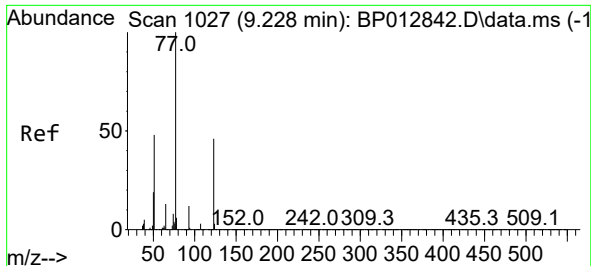
Tgt Ion:108 Resp: 112932
Ion Ratio Lower Upper
108 100
107 112.1 90.2 135.2



#19
Hexachloroethane
Concen: 3.084 ng/ul
RT: 9.105 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:117 Resp: 40917
Ion Ratio Lower Upper
117 100
201 103.8 85.7 128.5
199 65.9 52.9 79.3

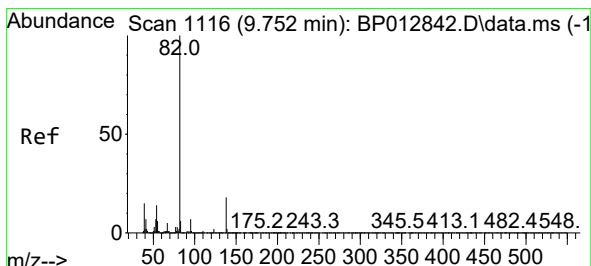
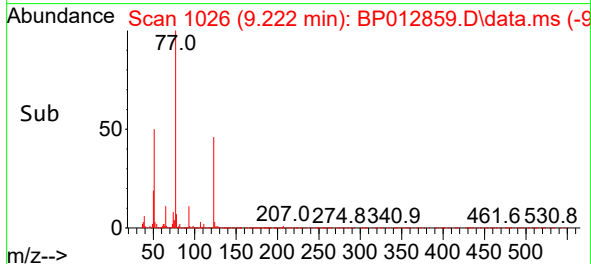
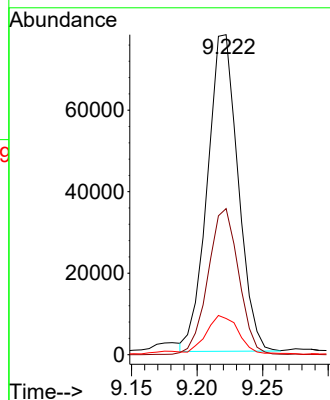
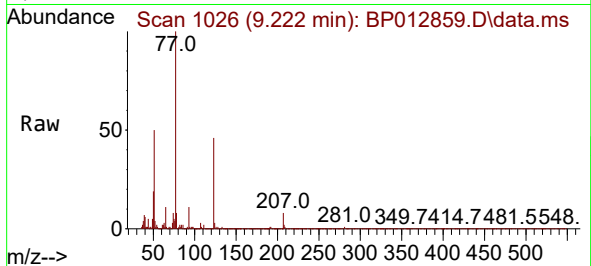




#22
Nitrobenzene
Concen: 3.427 ng/ul
RT: 9.222 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

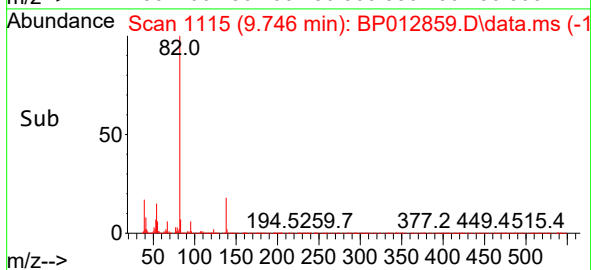
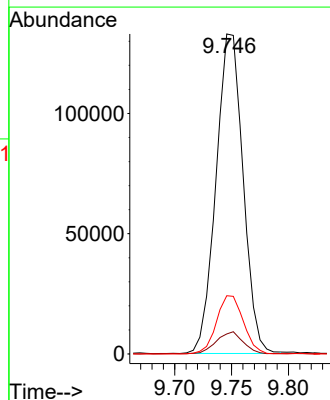
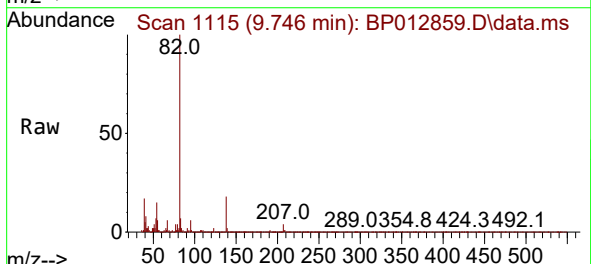
Instrument :
BNA_P
ClientSampleId :

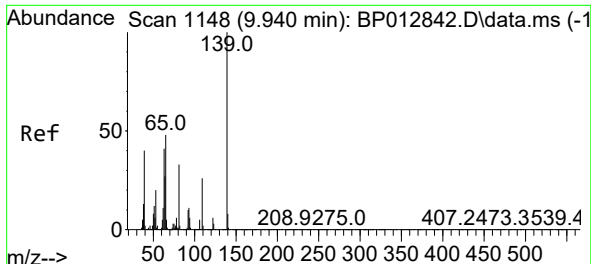
Tgt Ion: 77 Resp: 126747
Ion Ratio Lower Upper
77 100
123 45.7 38.2 57.2
65 11.3 10.2 15.4



#23
Isophorone
Concen: 2.703 ng/ul
RT: 9.746 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion: 82 Resp: 220365
Ion Ratio Lower Upper
82 100
95 6.3 5.2 7.8
138 18.2 14.5 21.7

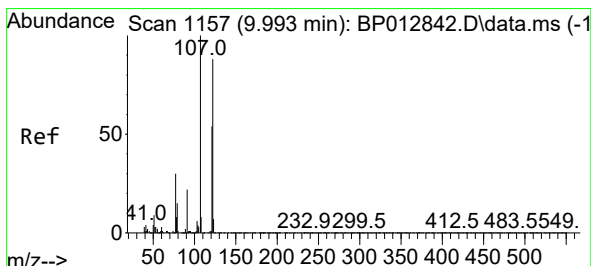
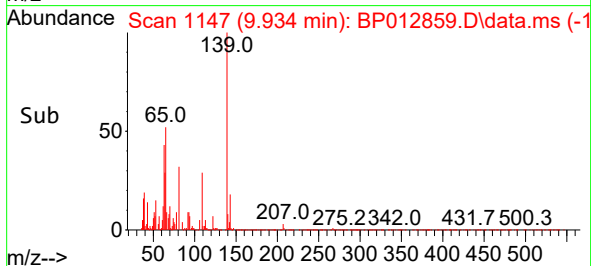
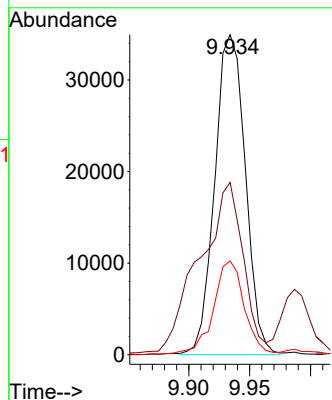
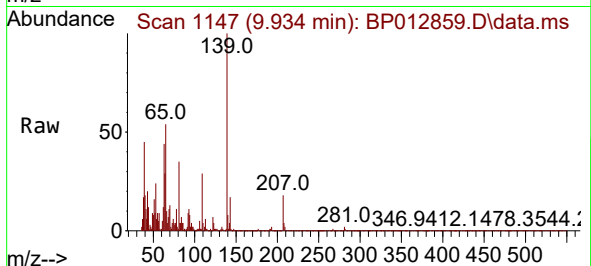




#25
2-Nitrophenol
Concen: 3.396 ng/ul
RT: 9.934 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

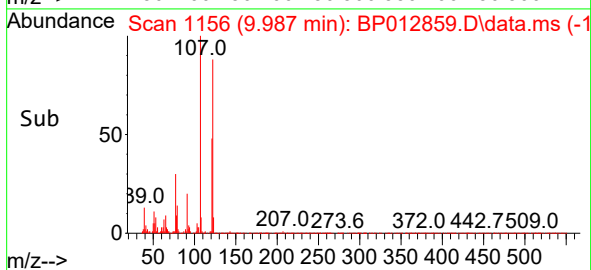
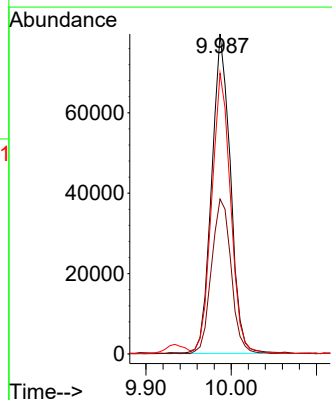
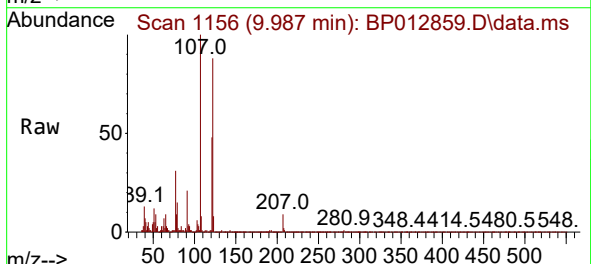
Instrument :
BNA_P
ClientSampleId :

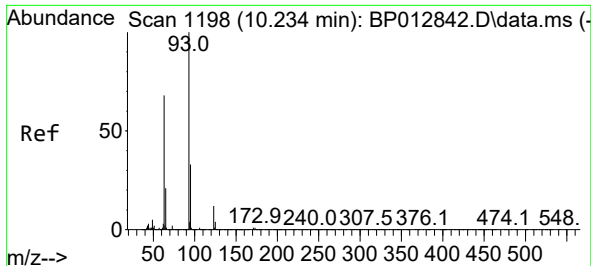
Tgt Ion:139 Resp: 61040
Ion Ratio Lower Upper
139 100
65 53.9 39.5 59.3
109 29.3 21.4 32.0



#26
2,4-Dimethylphenol
Concen: 3.046 ng/ul
RT: 9.987 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:107 Resp: 121649
Ion Ratio Lower Upper
107 100
121 48.4 41.8 62.6
122 87.8 72.3 108.5

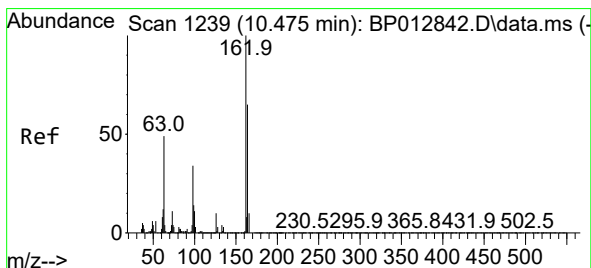
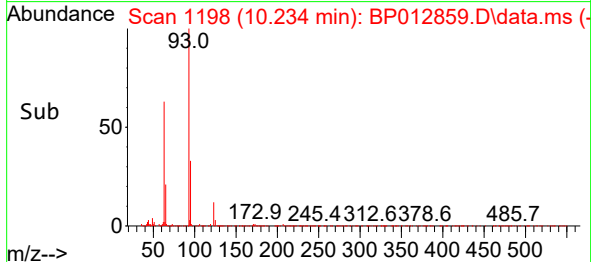
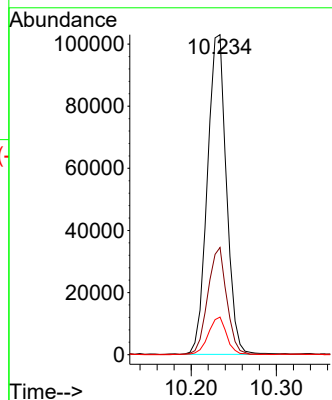
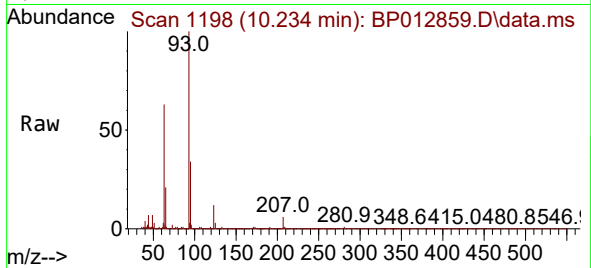




#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.202 ng/ul
 RT: 10.234 min Scan# 1198
 Delta R.T. 0.000 min
 Lab File: BP012859.D
 Acq: 29 Nov 2022 19:12

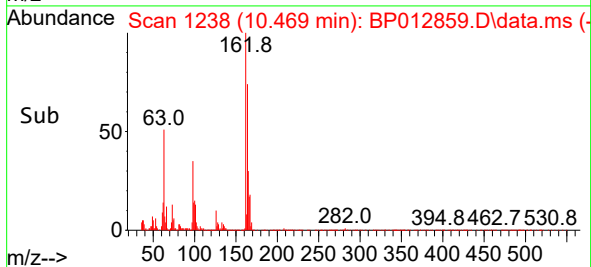
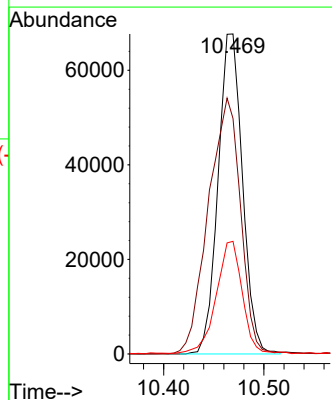
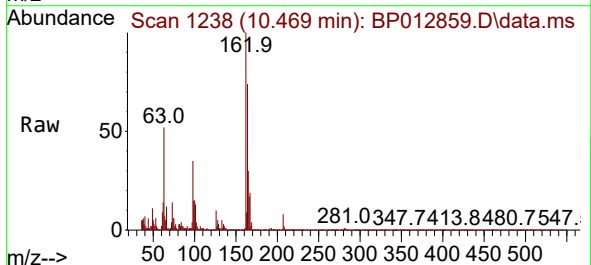
Instrument :
 BNA_P
 ClientSampleId :

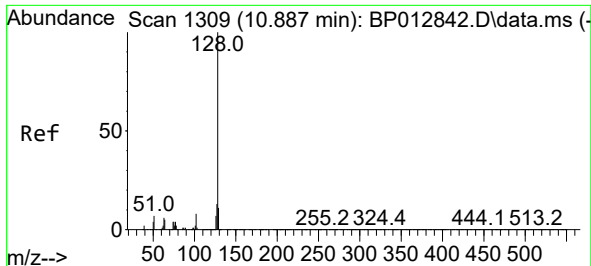
Tgt Ion: 93 Resp: 160076
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.1 39.1
 123 11.7 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 3.163 ng/ul
 RT: 10.469 min Scan# 1238
 Delta R.T. 0.000 min
 Lab File: BP012859.D
 Acq: 29 Nov 2022 19:12

Tgt Ion: 162 Resp: 114491
 Ion Ratio Lower Upper
 162 100
 164 73.6 52.9 79.3
 98 35.2 26.6 40.0

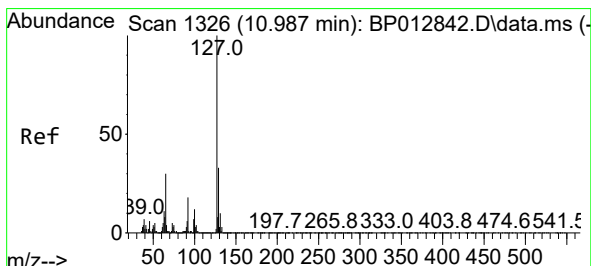
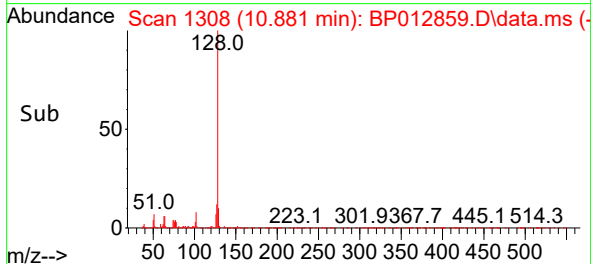
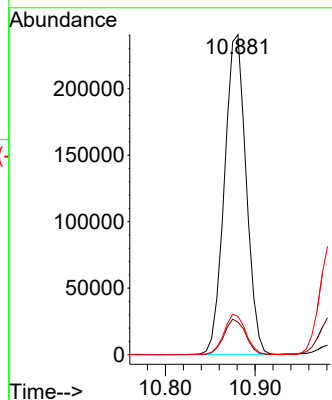
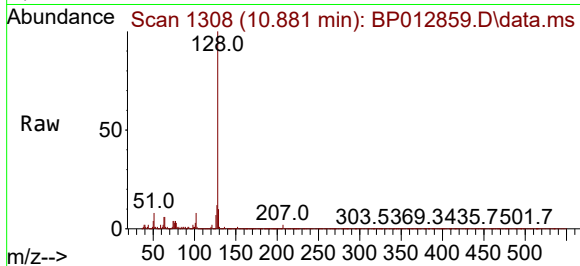




#30
Naphthalene
Concen: 3.345 ng/ul
RT: 10.881 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

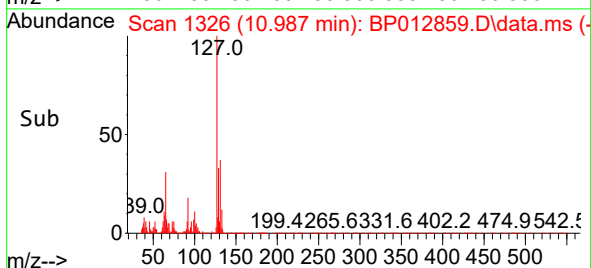
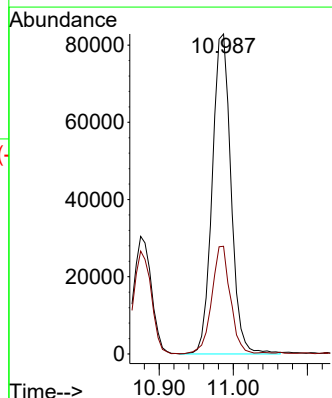
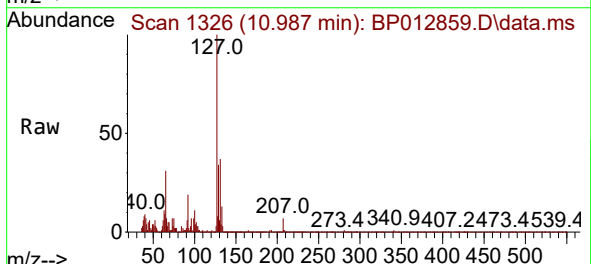
Instrument :
BNA_P
ClientSampleId :

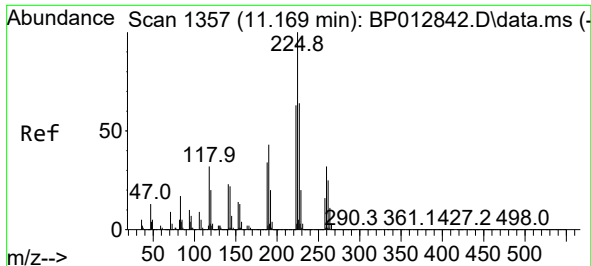
Tgt Ion:128 Resp: 403512
Ion Ratio Lower Upper
128 100
129 10.2 8.7 13.1
127 12.0 10.4 15.6



#32
4-Chloroaniline
Concen: 2.965 ng/ul
RT: 10.987 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:127 Resp: 145661
Ion Ratio Lower Upper
127 100
129 33.6 25.7 38.5

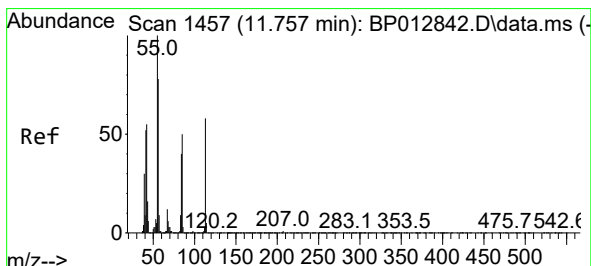
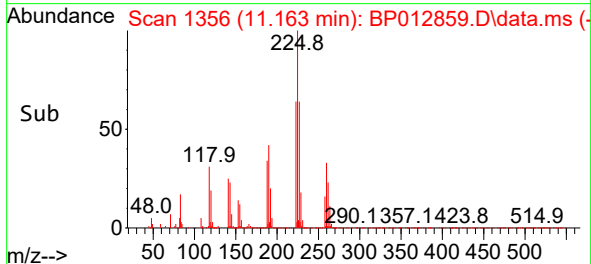
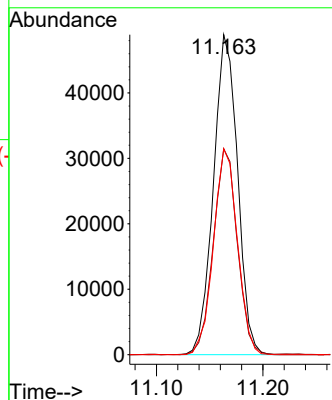
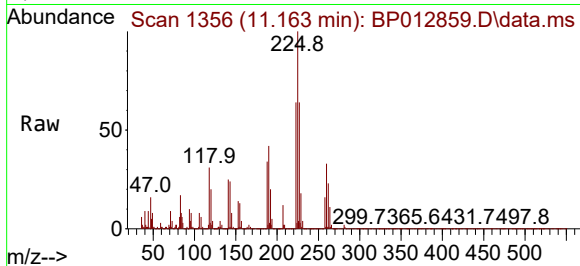




#33
Hexachlorobutadiene
Concen: 3.194 ng/ul
RT: 11.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

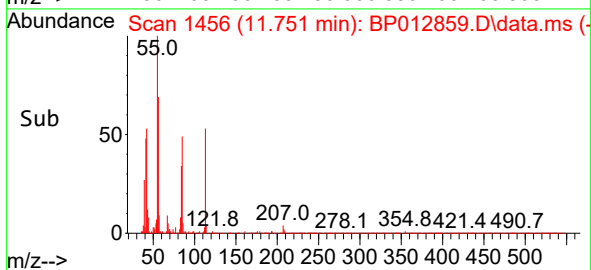
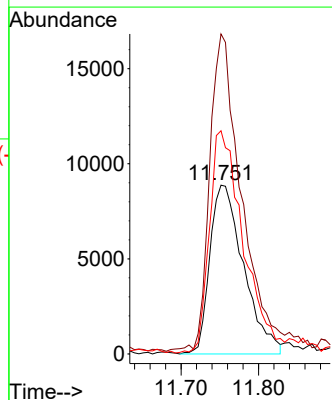
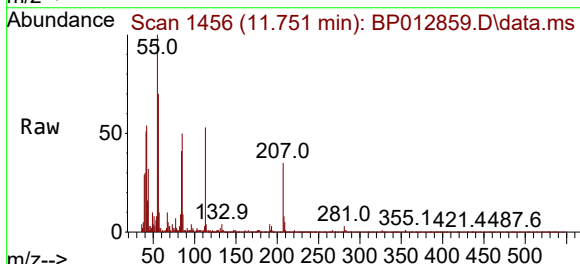
Instrument :
BNA_P
ClientSampleId :

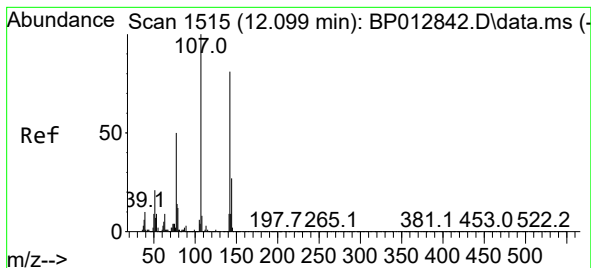
Tgt Ion:225 Resp: 77006
Ion Ratio Lower Upper
225 100
223 64.4 49.6 74.4
227 64.4 51.0 76.6



#34
Caprolactam
Concen: 2.422 ng/ul
RT: 11.751 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:113 Resp: 26919
Ion Ratio Lower Upper
113 100
55 189.6 145.9 218.9
56 132.2 107.1 160.7

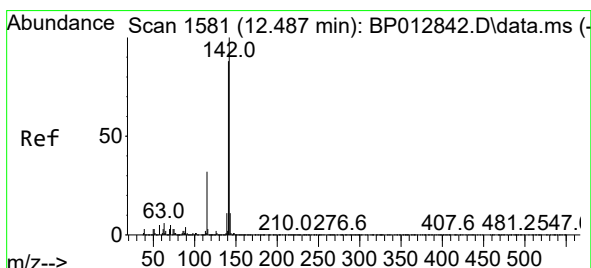
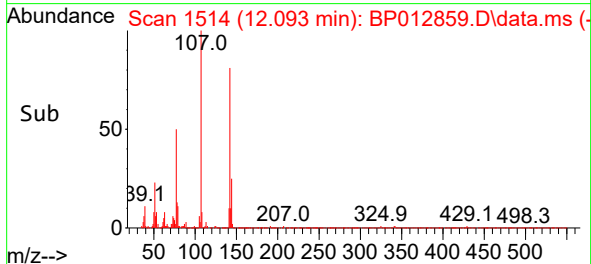
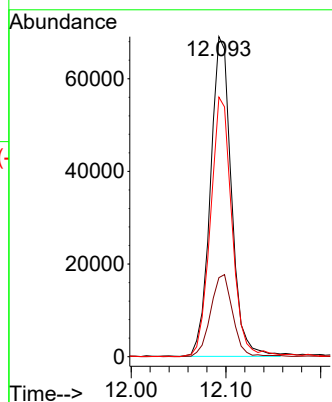
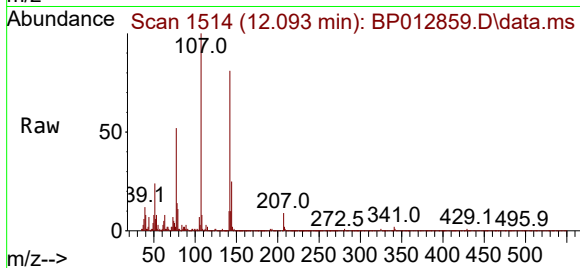




#35
4-Chloro-3-methylphenol
Concen: 2.897 ng/ul
RT: 12.093 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

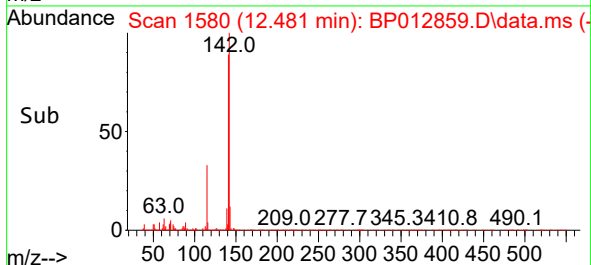
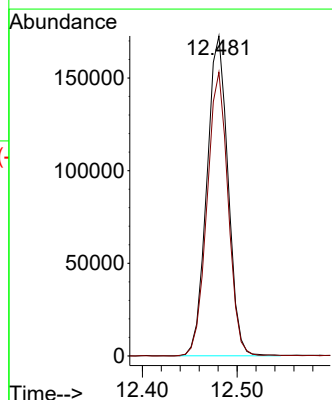
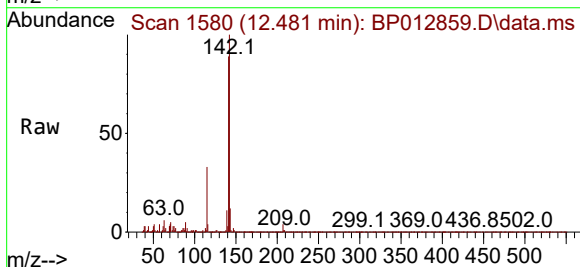
Instrument :
BNA_P
ClientSampleId :

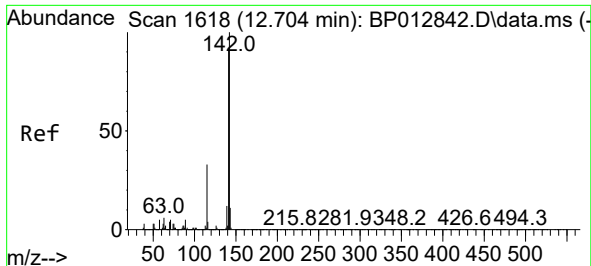
Tgt Ion:107 Resp: 106162
Ion Ratio Lower Upper
107 100
144 24.7 21.4 32.2
142 81.1 66.6 100.0



#36
2-Methylnaphthalene
Concen: 3.219 ng/ul
RT: 12.481 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:142 Resp: 267454
Ion Ratio Lower Upper
142 100
141 88.7 70.2 105.2

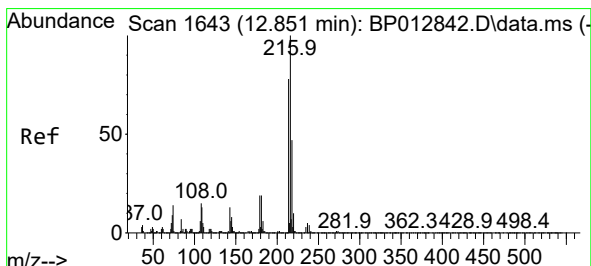
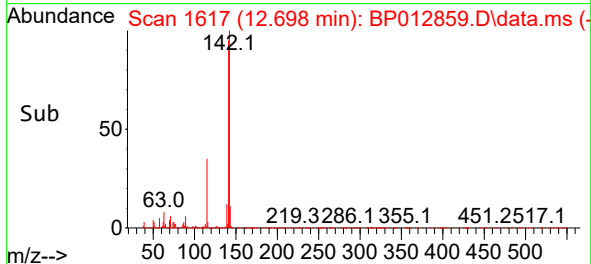
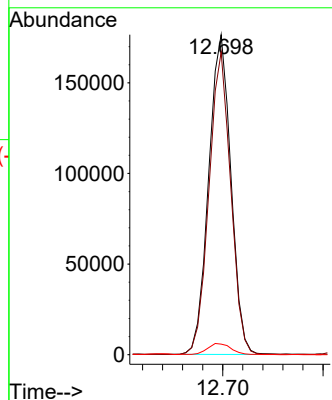
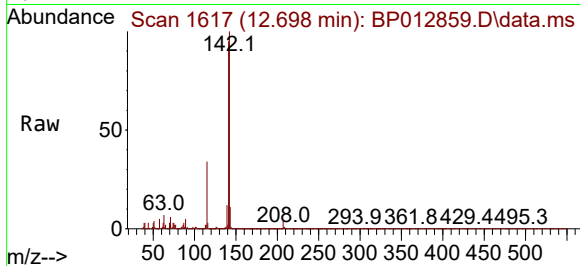




#37
1-Methylnaphthalene
Concen: 3.263 ng/ul
RT: 12.698 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

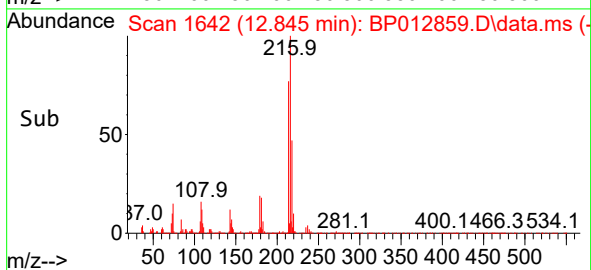
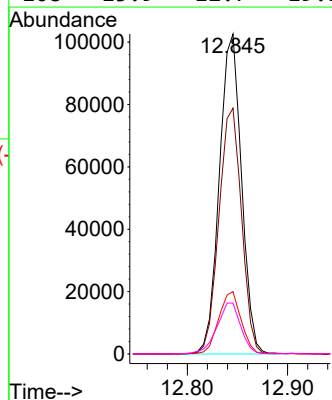
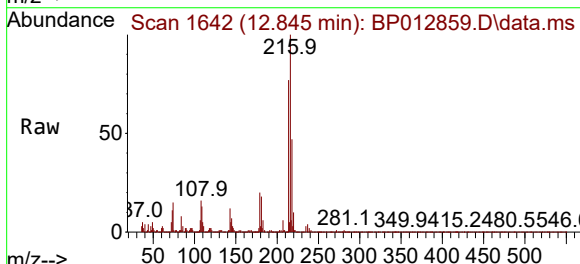
Instrument :
BNA_P
ClientSampleId :

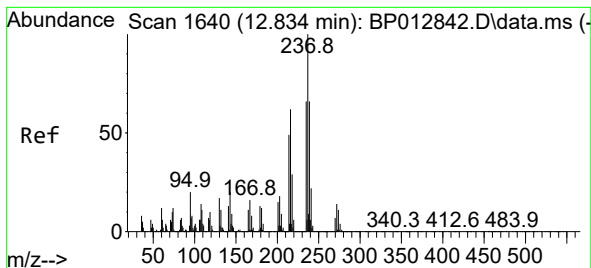
Tgt Ion:142 Resp: 271717
Ion Ratio Lower Upper
142 100
141 94.6 73.3 109.9
116 3.3 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.134 ng/ul
RT: 12.845 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:216 Resp: 157226
Ion Ratio Lower Upper
216 100
214 76.8 63.0 94.6
179 19.5 16.2 24.4
108 15.9 12.7 19.1





#40

Hexachlorocyclopentadiene

Concen: 2.444 ng/ul

RT: 12.822 min Scan# 1638

Delta R.T. -0.006 min

Lab File: BP012859.D

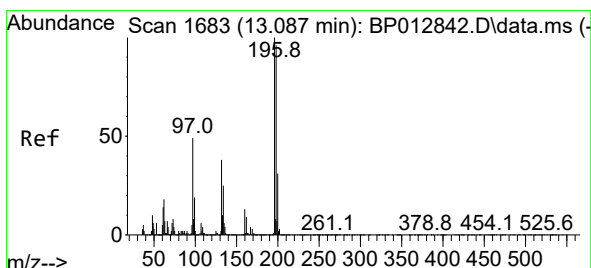
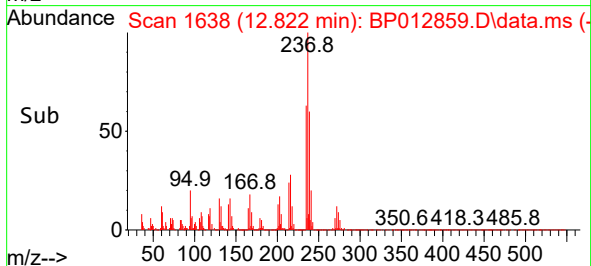
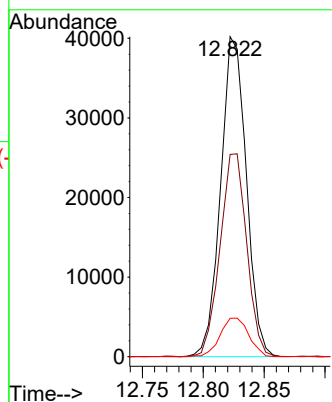
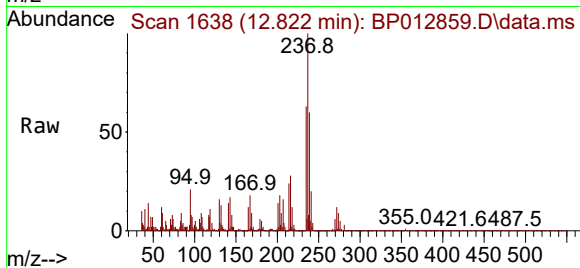
Acq: 29 Nov 2022 19:12

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:237	Resp:	59070
Ion Ratio	Lower	Upper
237	100	
235	63.2	50.2 75.4
272	12.0	10.2 15.2



#41

2,4,6-Trichlorophenol

Concen: 2.682 ng/ul

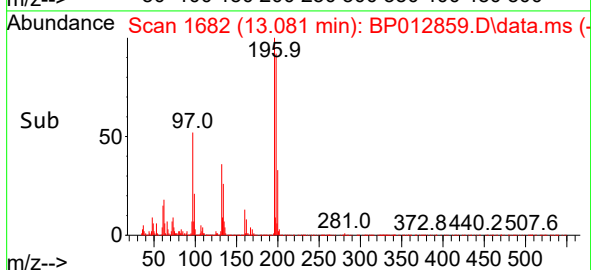
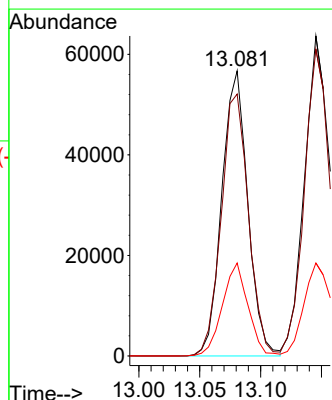
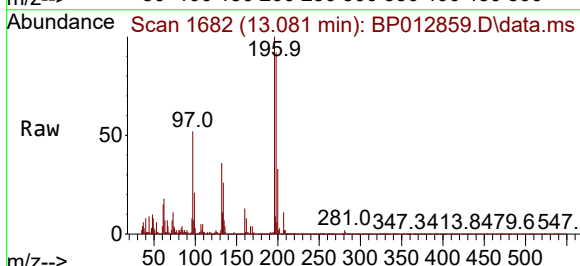
RT: 13.081 min Scan# 1682

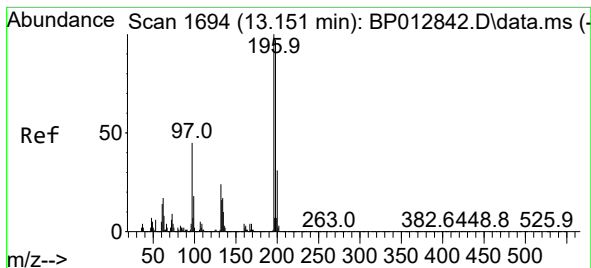
Delta R.T. 0.000 min

Lab File: BP012859.D

Acq: 29 Nov 2022 19:12

Tgt Ion:196	Resp:	84179
Ion Ratio	Lower	Upper
196	100	
198	91.8	76.5 114.7
200	32.6	25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 2.722 ng/ul

RT: 13.145 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP012859.D

Acq: 29 Nov 2022 19:12

Instrument :

BNA_P

ClientSampleId :

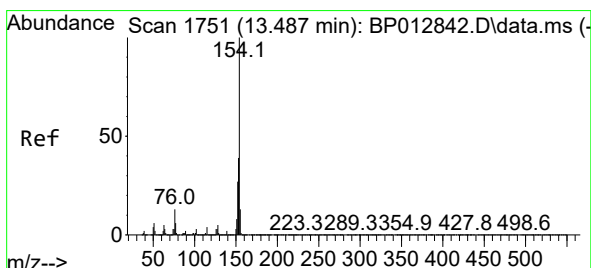
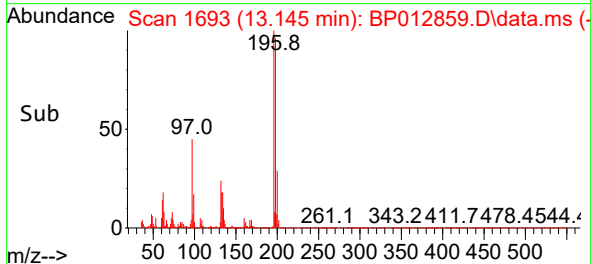
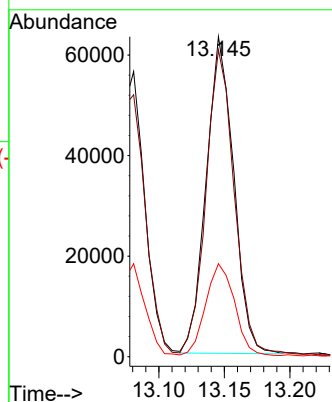
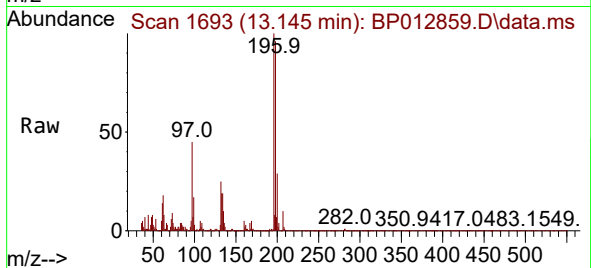
Tgt Ion:196 Resp: 91836

Ion Ratio Lower Upper

196 100

198 95.8 77.6 116.4

200 29.0 24.2 36.4



#43

1,1'-Biphenyl

Concen: 3.267 ng/ul

RT: 13.481 min Scan# 1750

Delta R.T. 0.000 min

Lab File: BP012859.D

Acq: 29 Nov 2022 19:12

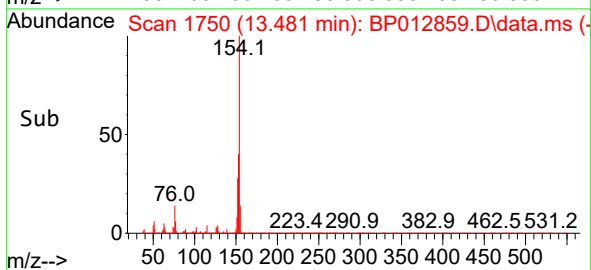
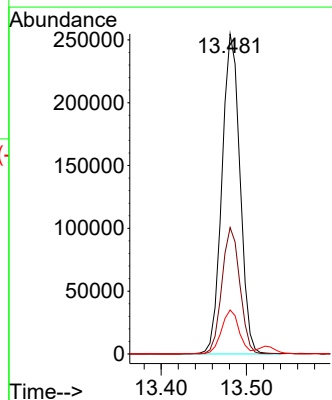
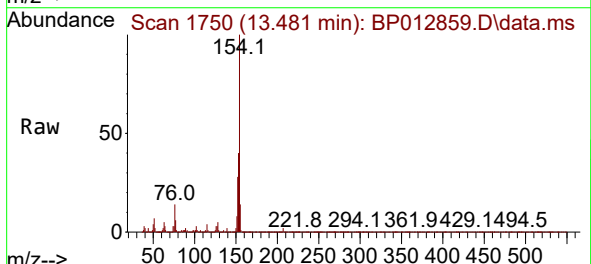
Tgt Ion:154 Resp: 374355

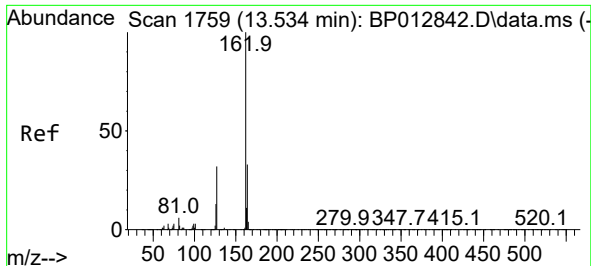
Ion Ratio Lower Upper

154 100

153 39.5 32.0 48.0

76 13.8 10.2 15.4

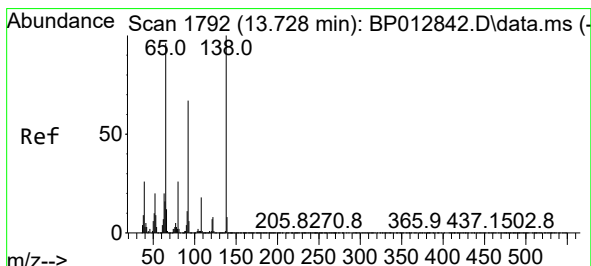
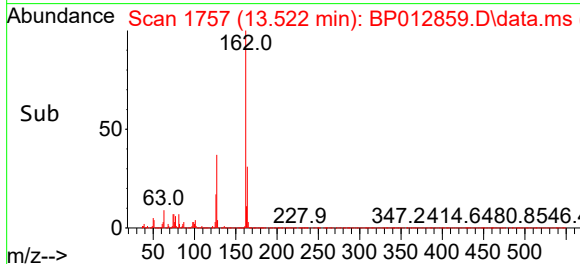
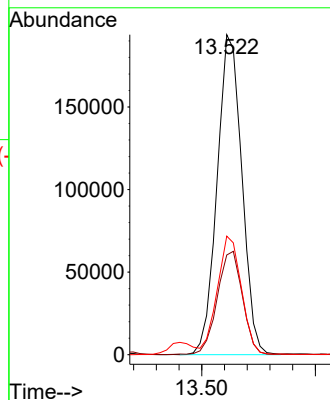
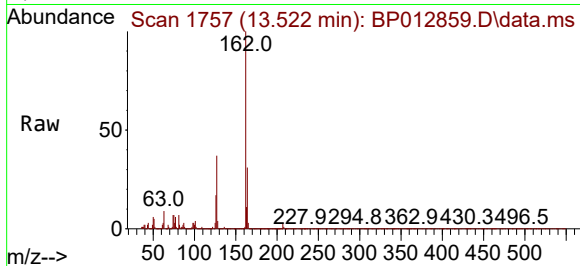




#44
2-Chloronaphthalene
Concen: 3.203 ng/ul
RT: 13.522 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

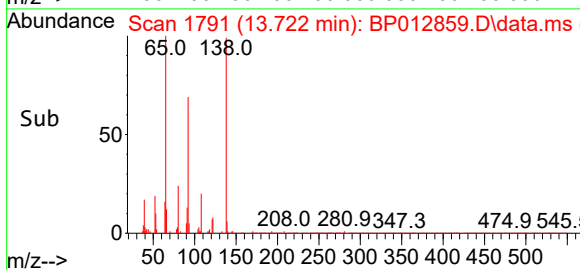
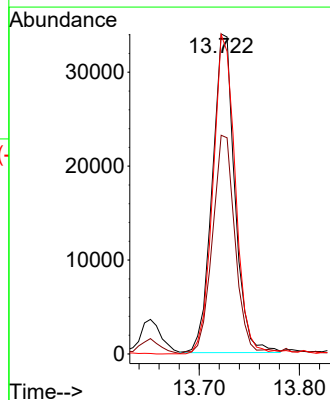
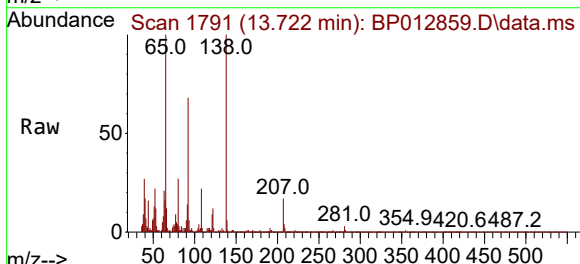
Instrument :
BNA_P
ClientSampleId :

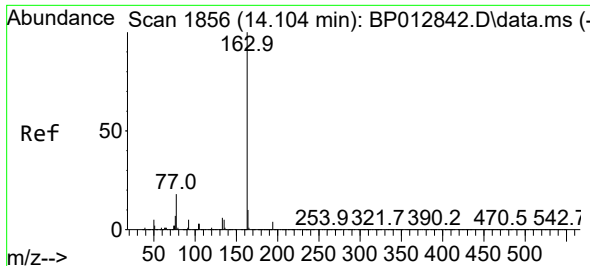
Tgt Ion:162 Resp: 293604
Ion Ratio Lower Upper
162 100
164 31.2 26.5 39.7
127 37.0 28.8 43.2



#45
2-Nitroaniline
Concen: 2.953 ng/ul
RT: 13.722 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion: 65 Resp: 52962
Ion Ratio Lower Upper
65 100
92 68.4 57.8 86.8
138 99.8 94.6 142.0

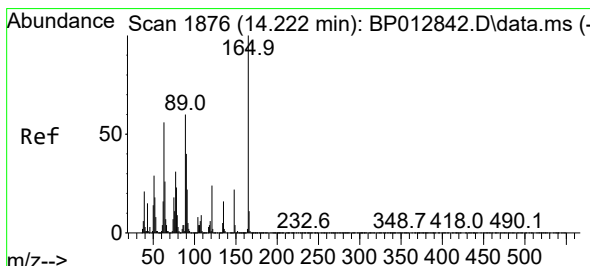
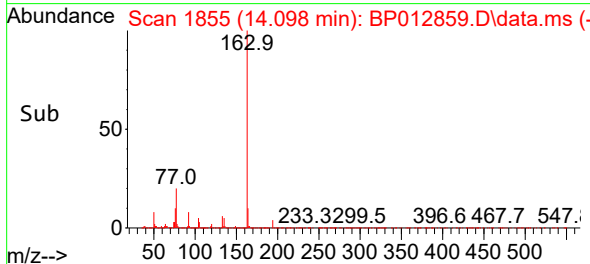
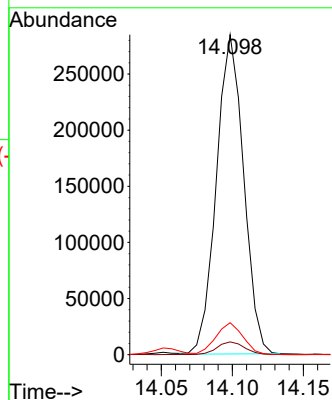
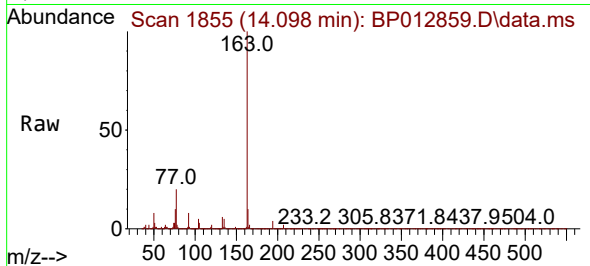




#47
Dimethylphthalate
Concen: 3.343 ng/ul
RT: 14.098 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

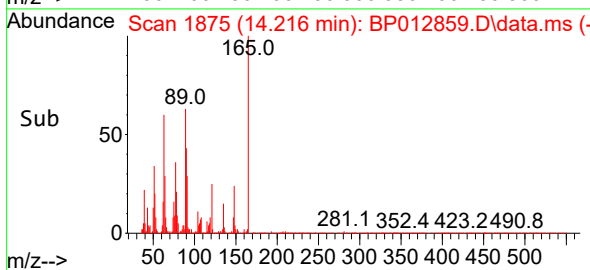
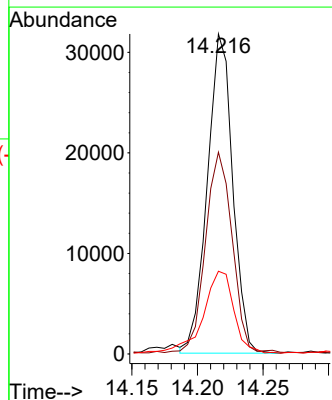
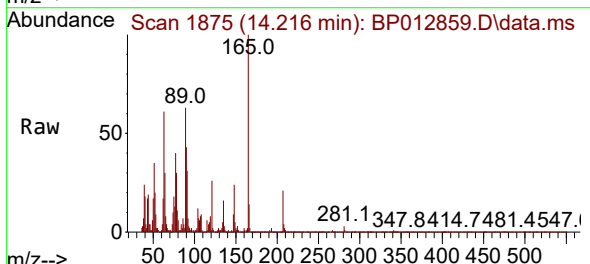
Instrument :
BNA_P
ClientSampleId :

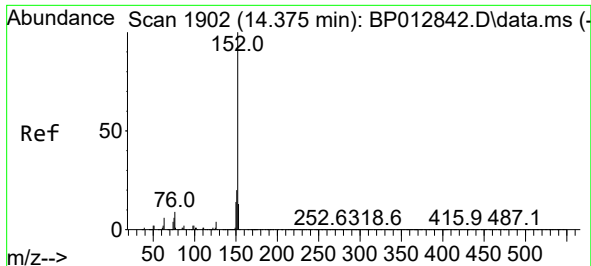
Tgt Ion:163 Resp: 379392
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.0 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 2.408 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:165 Resp: 42779
Ion Ratio Lower Upper
165 100
89 63.1 42.7 64.1
121 25.9 16.9 25.3#

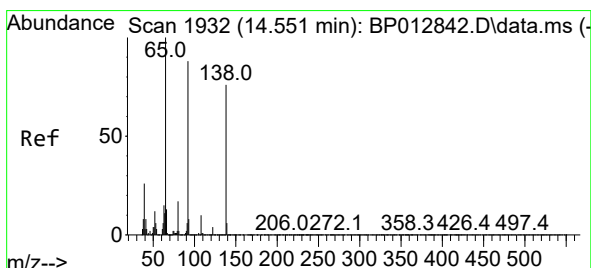
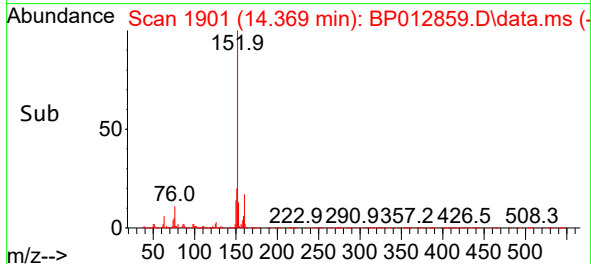
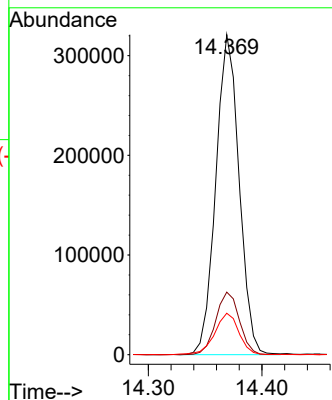
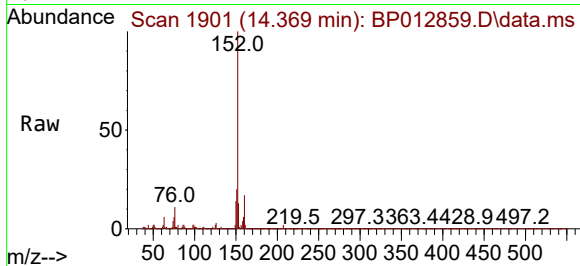




#50
Acenaphthylene
Concen: 3.314 ng/ul
RT: 14.369 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

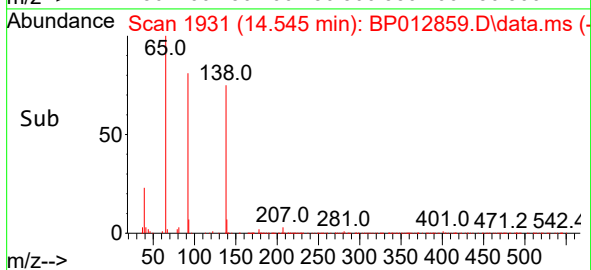
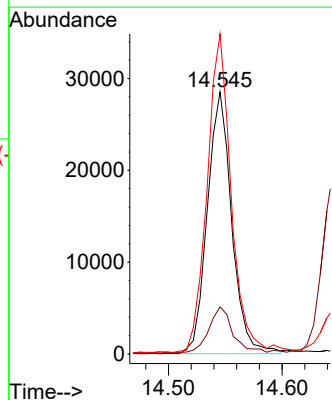
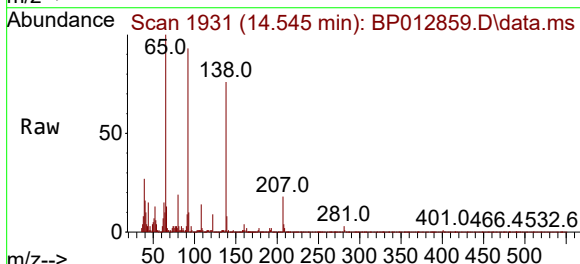
Instrument :
BNA_P
ClientSampleId :

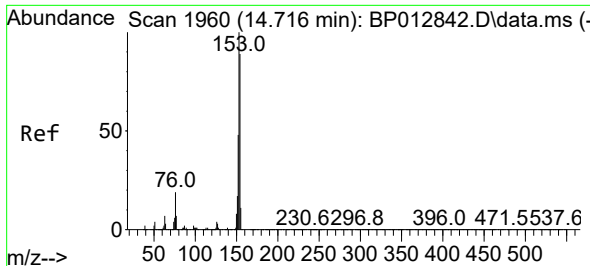
Tgt Ion:152 Resp: 457778
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 12.9 10.7 16.1



#51
3-Nitroaniline
Concen: 2.065 ng/ul
RT: 14.545 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:138 Resp: 42481
Ion Ratio Lower Upper
138 100
108 18.0 9.9 14.9#
92 122.1 90.2 135.2

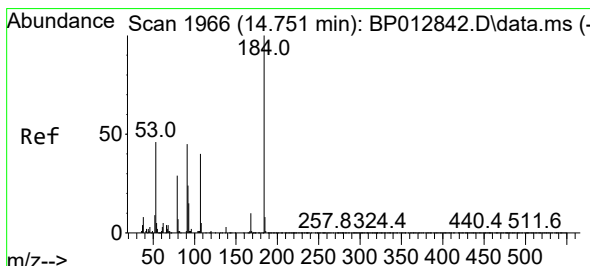
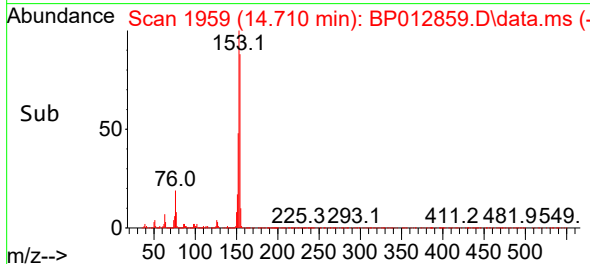
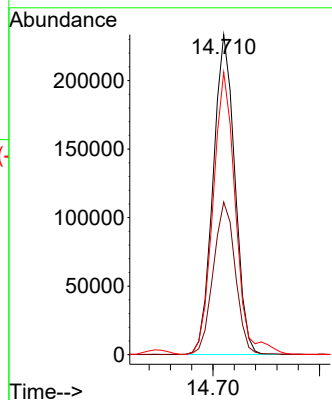
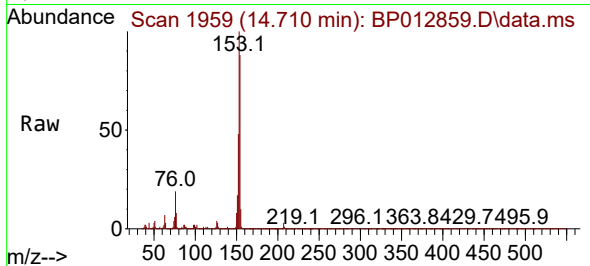




#52
Acenaphthene
Concen: 3.399 ng/ul
RT: 14.710 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

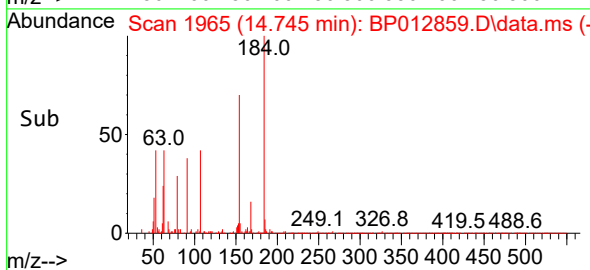
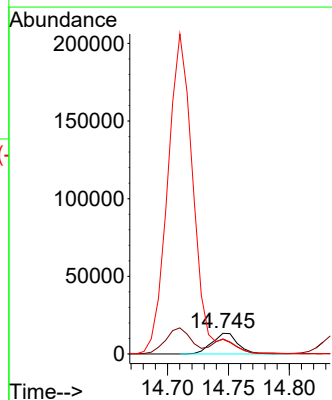
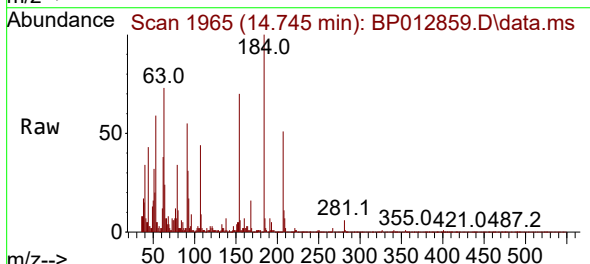
Instrument :
BNA_P
ClientSampleId :

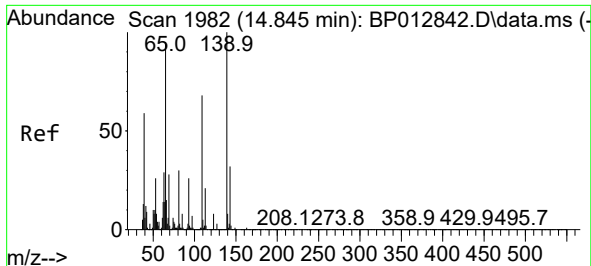
Tgt Ion:153 Resp: 330593
Ion Ratio Lower Upper
153 100
152 47.7 38.2 57.4
154 88.3 69.8 104.6



#53
2,4-Dinitrophenol
Concen: 1.720 ng/ul
RT: 14.745 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:184 Resp: 19631
Ion Ratio Lower Upper
184 100
63 73.0 48.1 72.1#
154 70.4 47.4 71.2

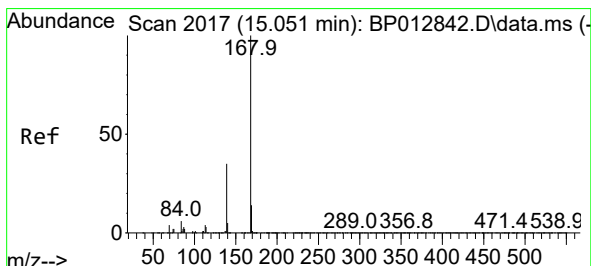
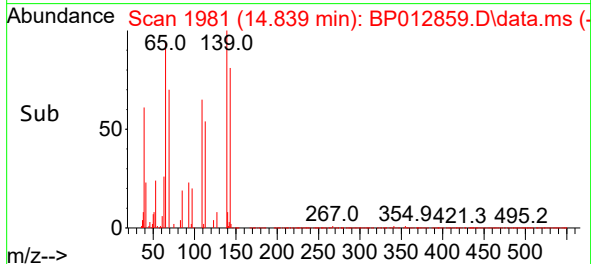
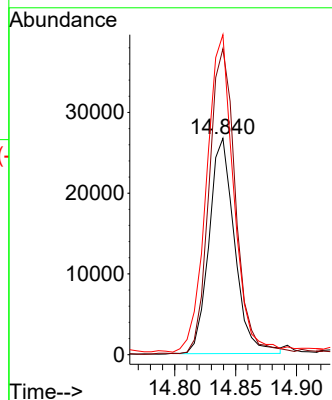
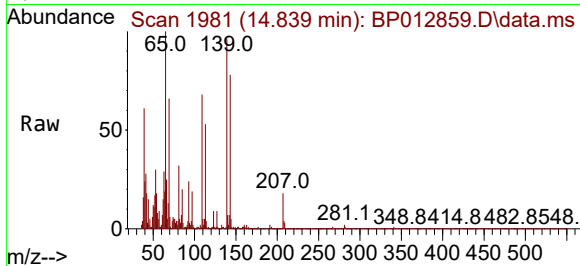




#55
4-Nitrophenol
Concen: 2.777 ng/ul
RT: 14.839 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

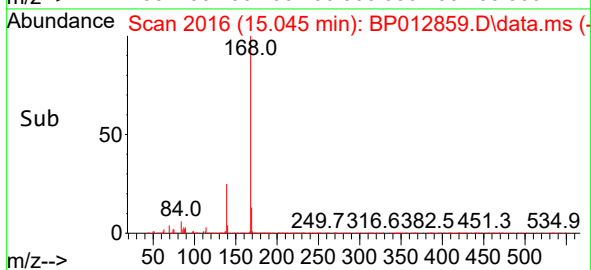
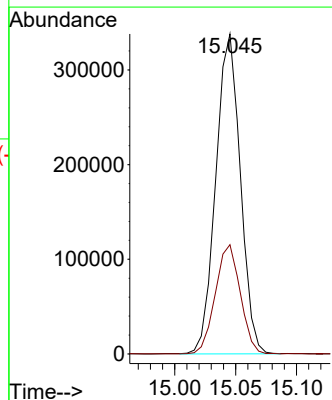
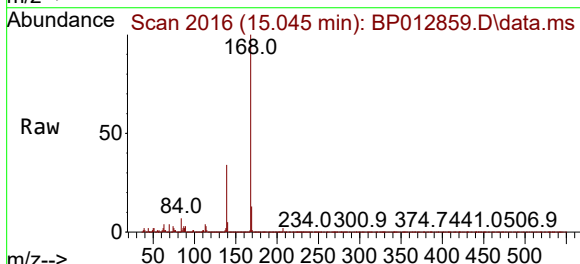
Instrument :
BNA_P
ClientSampleId :

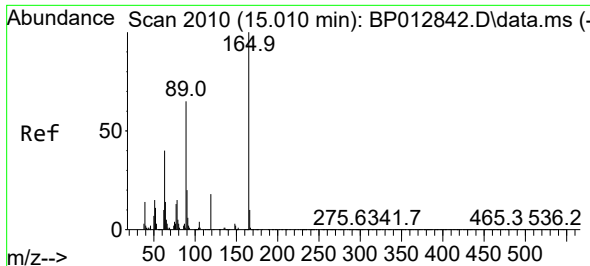
Tgt Ion:109 Resp: 38944
Ion Ratio Lower Upper
109 100
139 141.4 119.2 178.8
65 147.9 110.7 166.1



#56
Dibenzofuran
Concen: 3.534 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:168 Resp: 473745
Ion Ratio Lower Upper
168 100
139 34.2 27.7 41.5

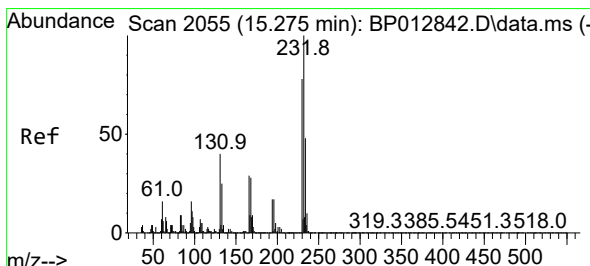
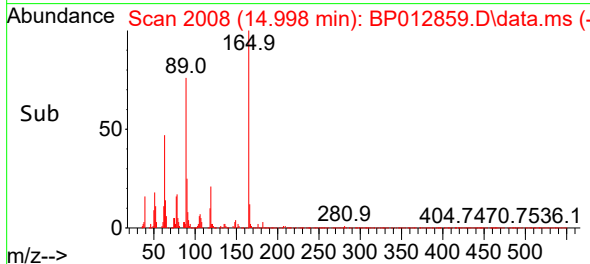
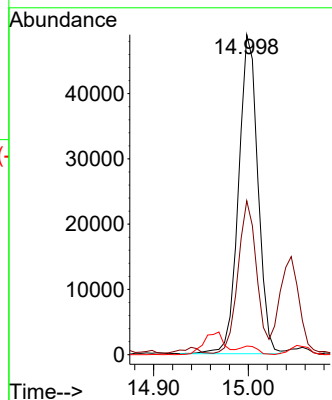
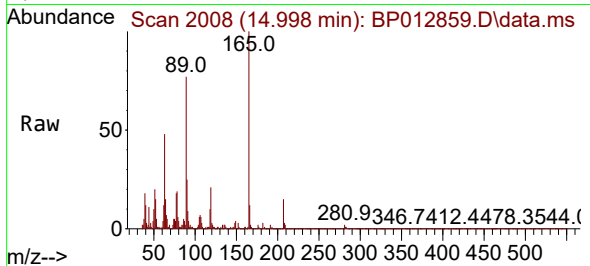




#57
2,4-Dinitrotoluene
Concen: 2.641 ng/ul
RT: 14.998 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

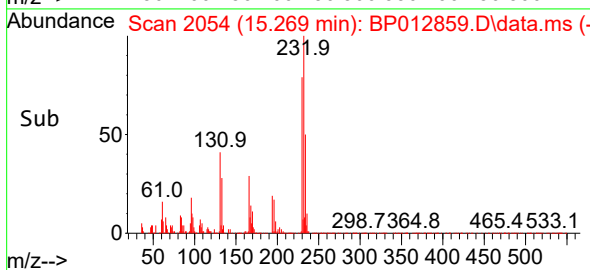
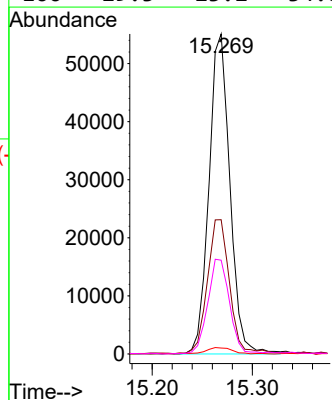
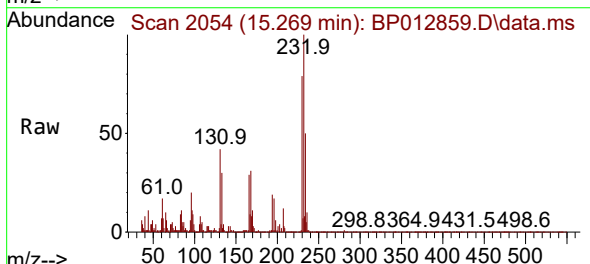
Instrument :
BNA_P
ClientSampleId :

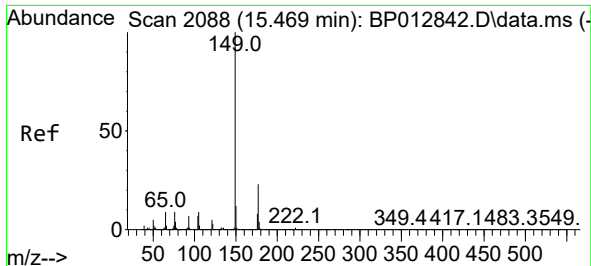
Tgt Ion:165 Resp: 69236
Ion Ratio Lower Upper
165 100
63 48.1 31.0 46.4#
182 2.7 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 2.746 ng/ul
RT: 15.269 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:232 Resp: 79852
Ion Ratio Lower Upper
232 100
131 41.9 32.0 48.0
130 1.8 1.5 2.3
166 29.3 23.2 34.8

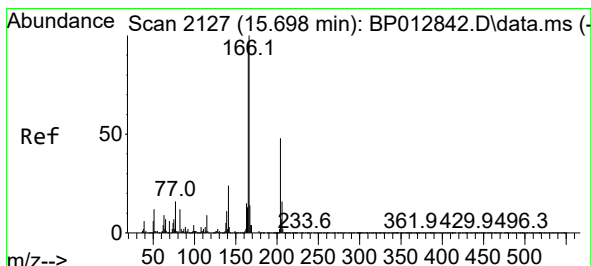
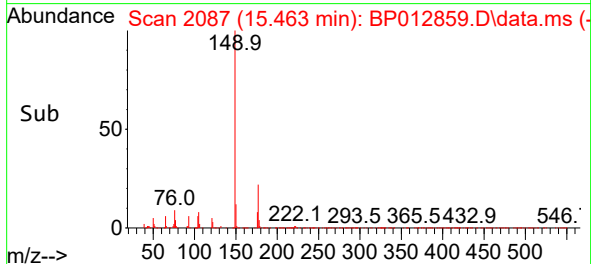
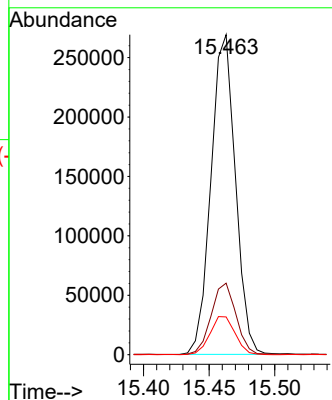
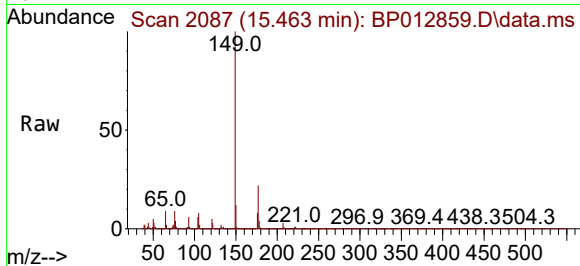




#59
Diethylphthalate
Concen: 3.177 ng/ul
RT: 15.463 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

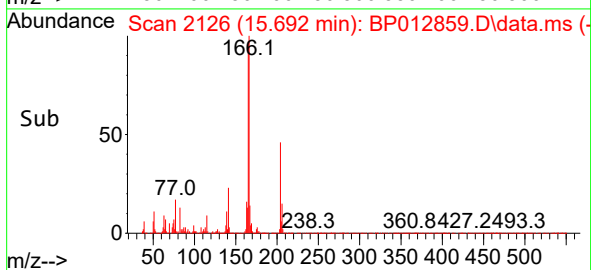
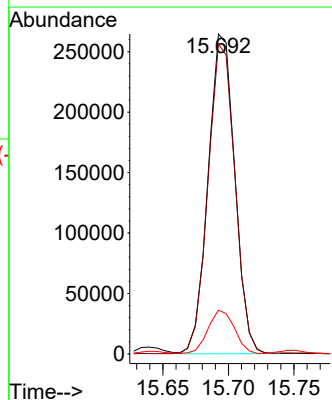
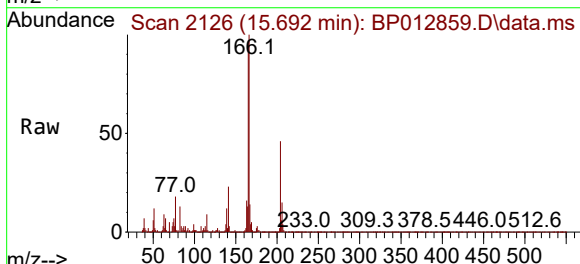
Instrument :
BNA_P
ClientSampleId :

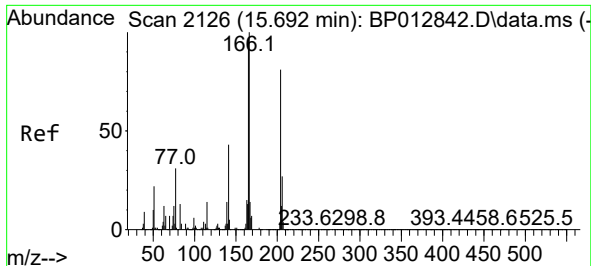
Tgt Ion:149 Resp: 349024
Ion Ratio Lower Upper
149 100
177 22.3 18.1 27.1
150 11.8 9.8 14.8



#61
Fluorene
Concen: 3.487 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:166 Resp: 374870
Ion Ratio Lower Upper
166 100
165 96.9 78.2 117.2
167 13.7 10.9 16.3

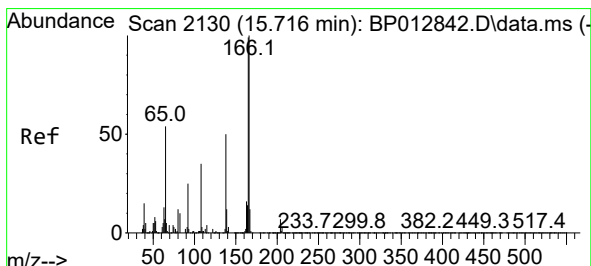
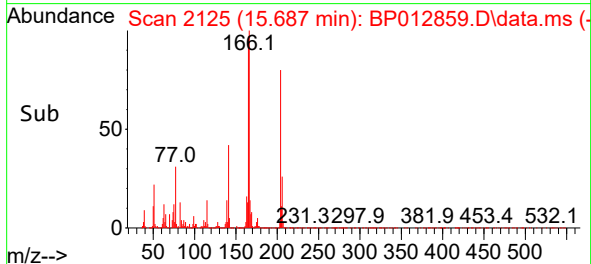
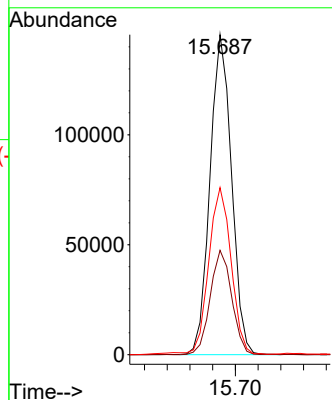
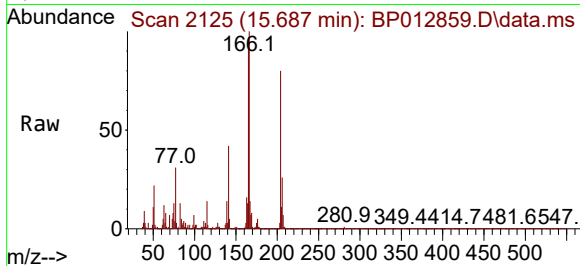




#62
4-Chlorophenyl-phenylether
Concen: 3.437 ng/ul
RT: 15.687 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

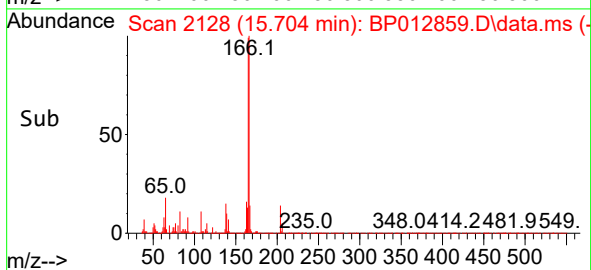
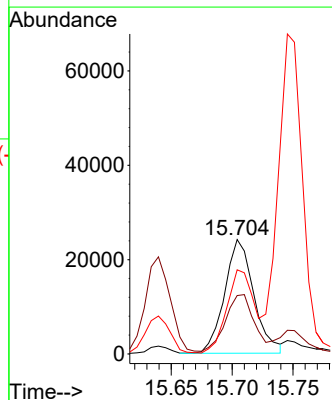
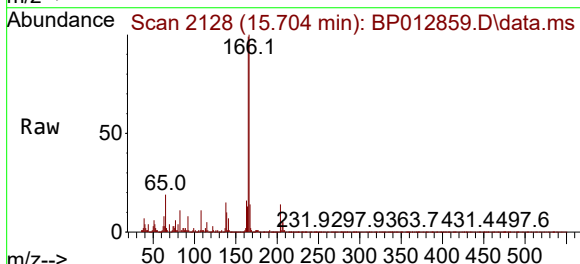
Instrument :
BNA_P
ClientSampleId :

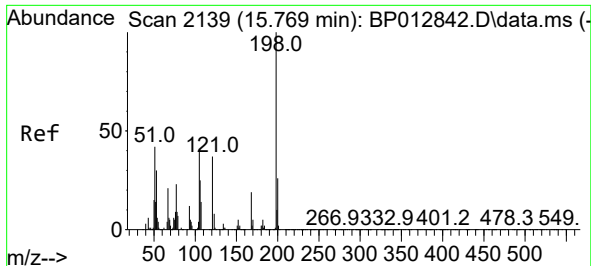
Tgt Ion:204 Resp: 191700
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 52.2 40.7 61.1



#63
4-Nitroaniline
Concen: 2.299 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:138 Resp: 40308
Ion Ratio Lower Upper
138 100
92 51.1 38.6 57.8
108 73.6 56.4 84.6

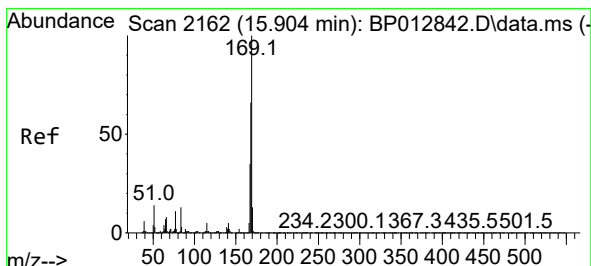
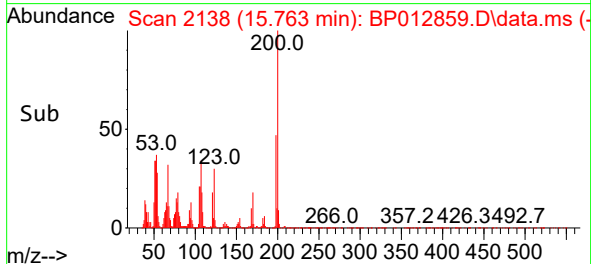
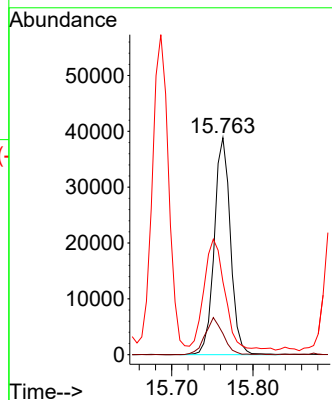
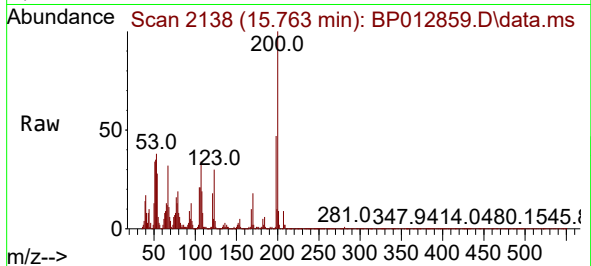




#66
4,6-Dinitro-2-methylphenol
Concen: 3.004 ng/ul
RT: 15.763 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

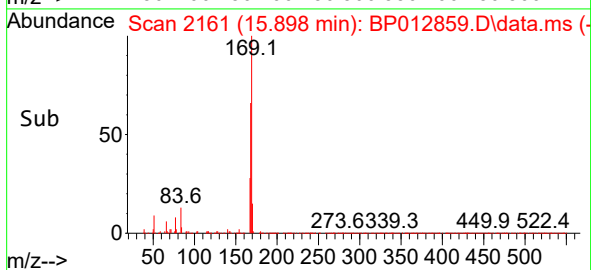
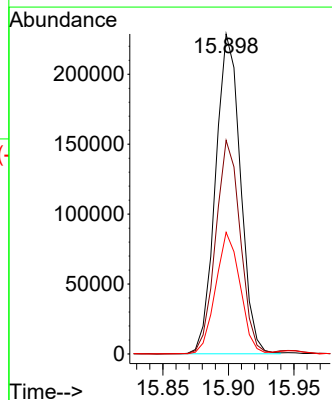
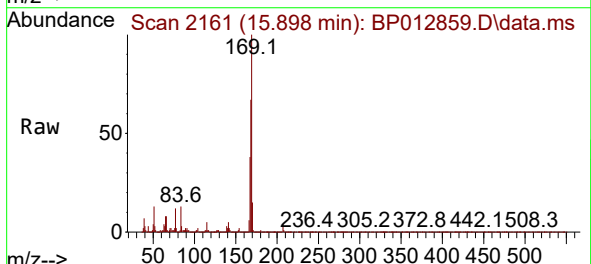
Instrument :
BNA_P
ClientSampleId :

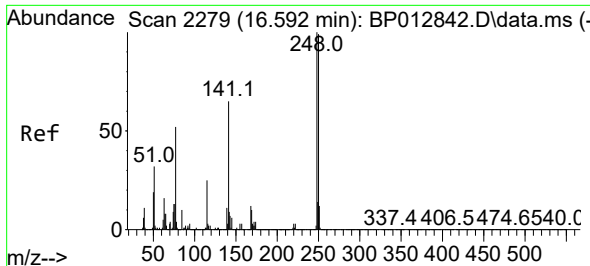
Tgt Ion:198 Resp: 53651
Ion Ratio Lower Upper
198 100
182 9.7 4.1 6.1#
77 33.6 18.9 28.3#



#67
N-Nitrosodiphenylamine
Concen: 3.048 ng/ul
RT: 15.898 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:169 Resp: 301583
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 38.0 29.6 44.4

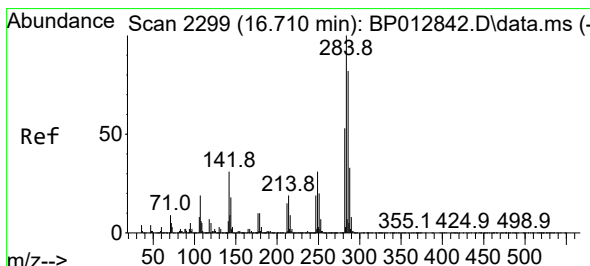
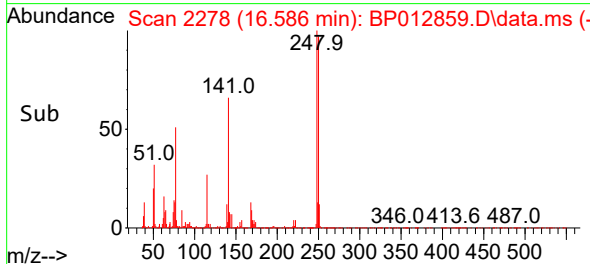
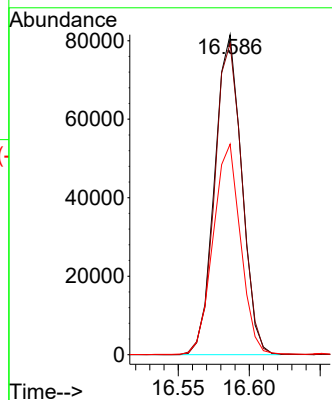
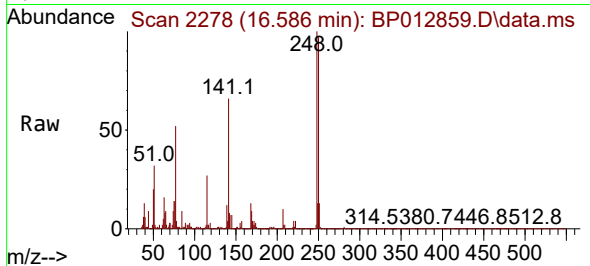




#68
4-Bromophenyl-phenylether
Concen: 3.156 ng/ul
RT: 16.586 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

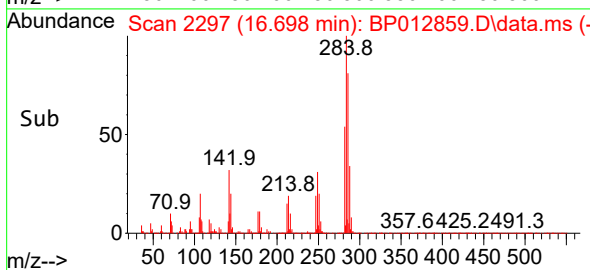
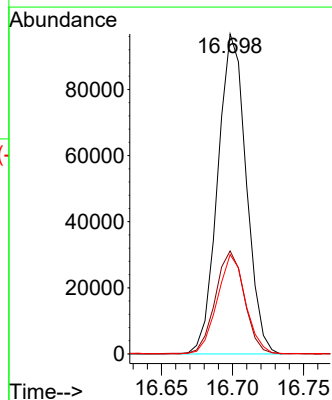
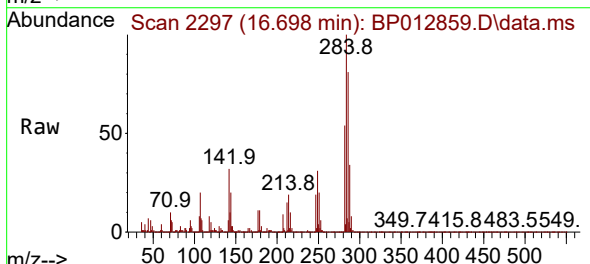
Instrument :
BNA_P
ClientSampleId :

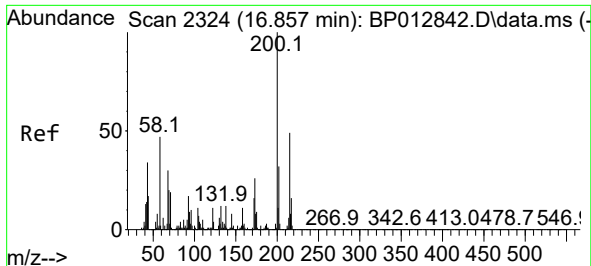
Tgt Ion:248 Resp: 108128
Ion Ratio Lower Upper
248 100
250 97.2 78.6 118.0
141 65.8 48.7 73.1



#69
Hexachlorobenzene
Concen: 3.089 ng/ul
RT: 16.698 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:284 Resp: 134908
Ion Ratio Lower Upper
284 100
142 32.2 25.0 37.6
249 31.0 24.6 36.8

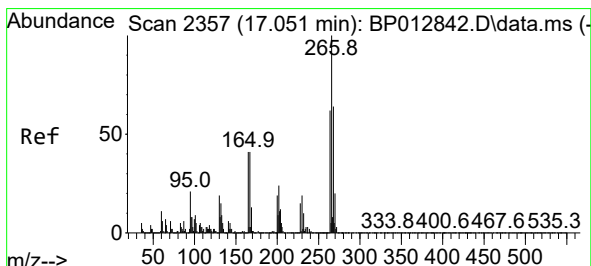
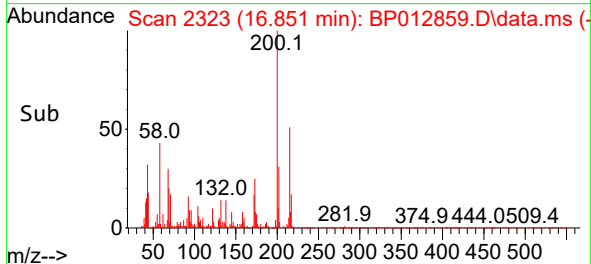
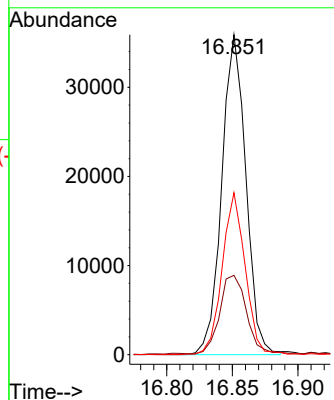
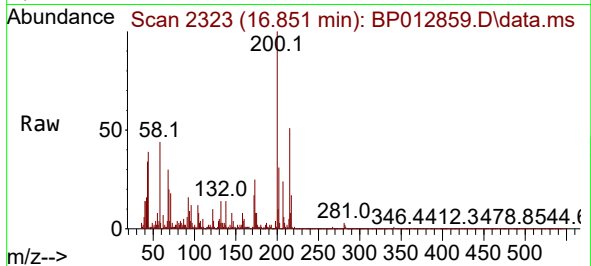




#70
Atrazine
Concen: 1.351 ng/ul
RT: 16.851 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

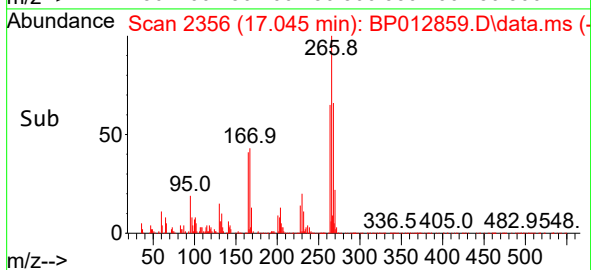
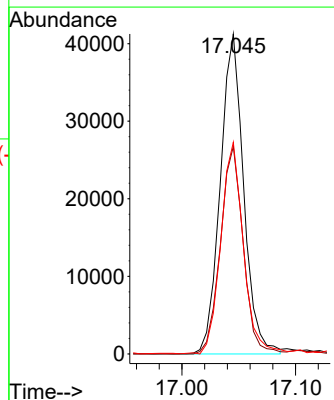
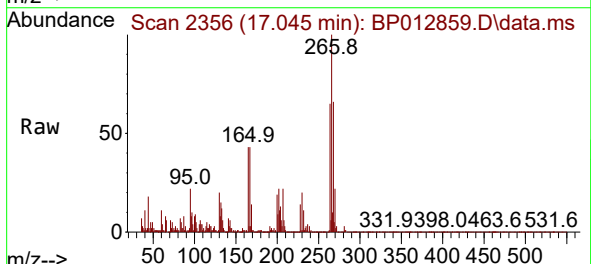
Instrument :
BNA_P
ClientSampleId :

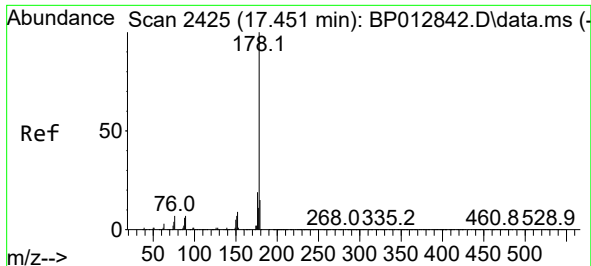
Tgt Ion:200 Resp: 45854
Ion Ratio Lower Upper
200 100
173 24.8 20.3 30.5
215 50.6 40.1 60.1



#71
Pentachlorophenol
Concen: 2.197 ng/ul
RT: 17.045 min Scan# 2356
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:266 Resp: 58923
Ion Ratio Lower Upper
266 100
264 64.9 50.7 76.1
268 66.2 51.8 77.8

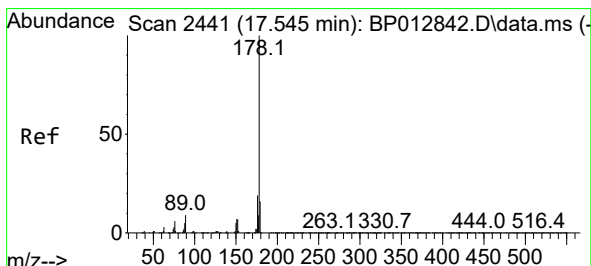
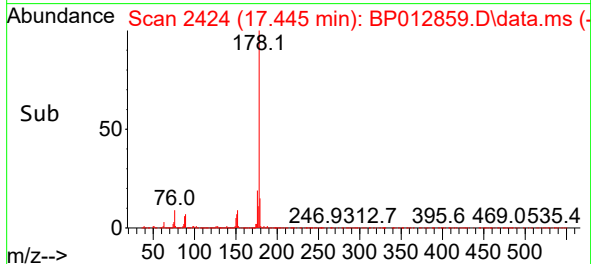
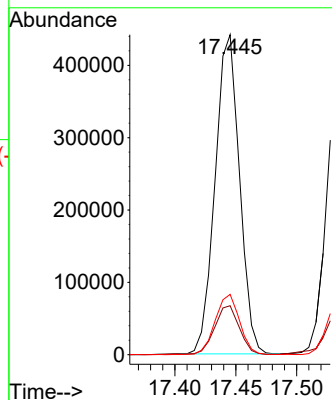
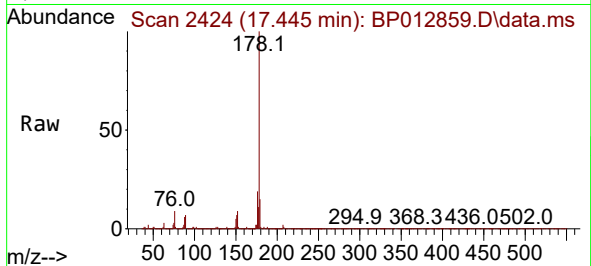




#72
Phenanthrene
Concen: 3.316 ng/ul
RT: 17.445 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

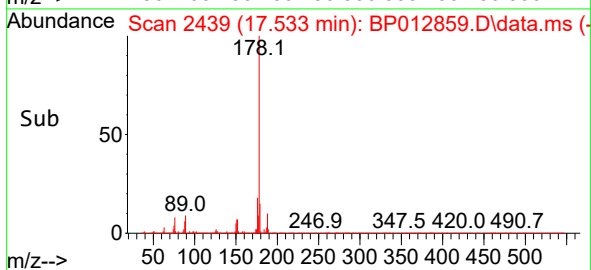
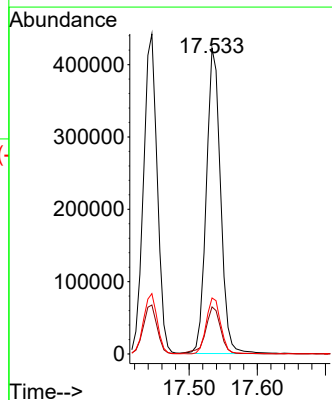
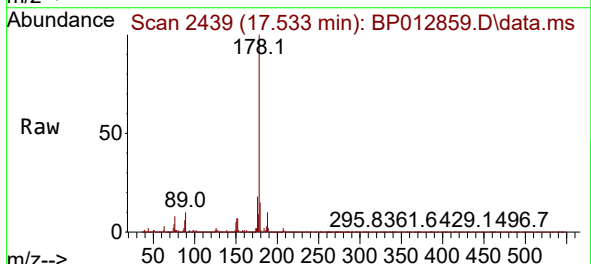
Instrument :
BNA_P
ClientSampleId :

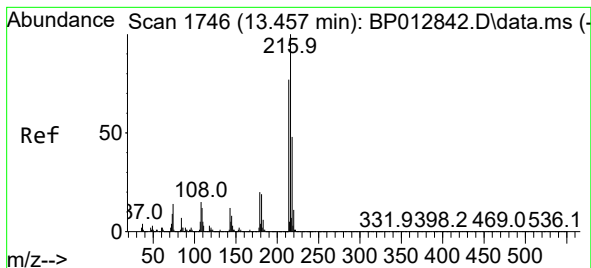
Tgt Ion:178 Resp: 615137
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 18.8 15.4 23.0



#74
Anthracene
Concen: 3.340 ng/ul
RT: 17.533 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:178 Resp: 613116
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 18.3 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.923 ng/uL

RT: 13.445 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012859.D

Acq: 29 Nov 2022 19:12

Instrument :

BNA_P

ClientSampleId :

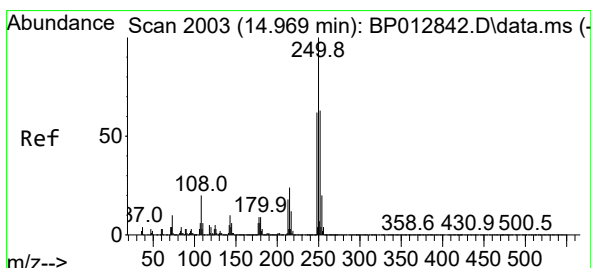
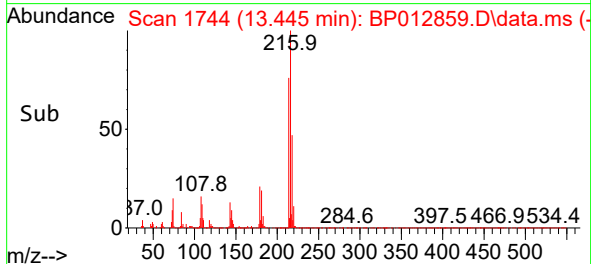
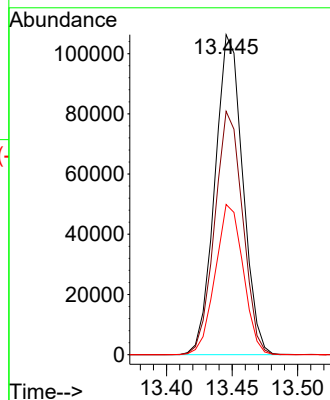
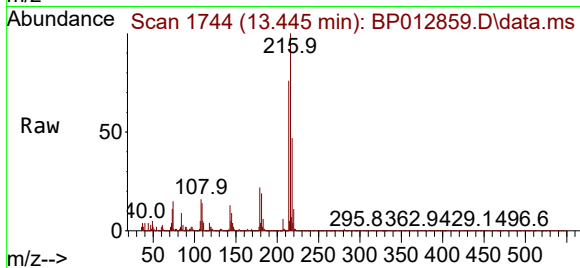
Tgt Ion:216 Resp: 157306

Ion Ratio Lower Upper

216 100

214 76.0 62.3 93.5

218 47.0 39.1 58.7



#76

Pentachlorobenzene

Concen: 2.811 ng/uL

RT: 14.963 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BP012859.D

Acq: 29 Nov 2022 19:12

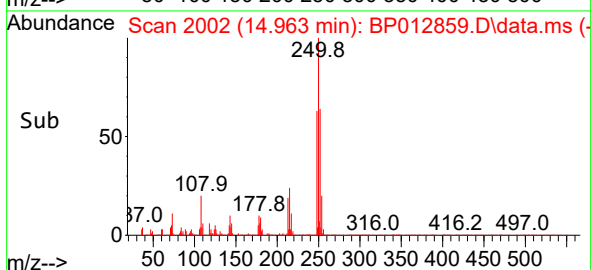
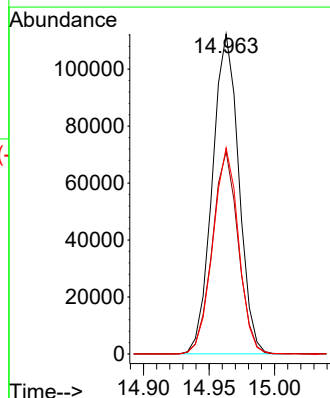
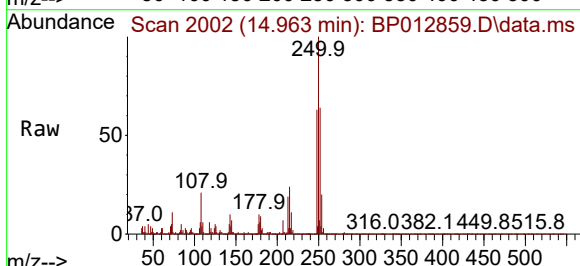
Tgt Ion:250 Resp: 157268

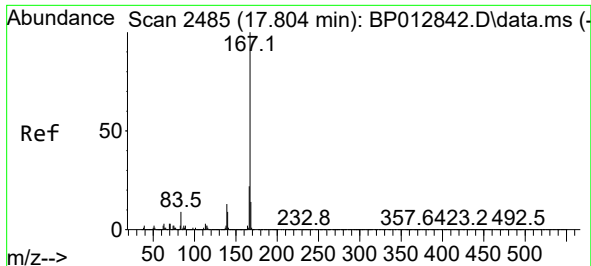
Ion Ratio Lower Upper

250 100

248 63.2 50.6 76.0

252 64.4 50.5 75.7

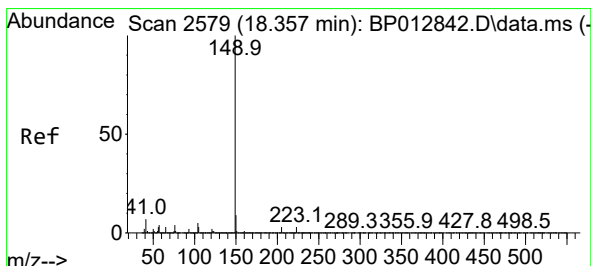
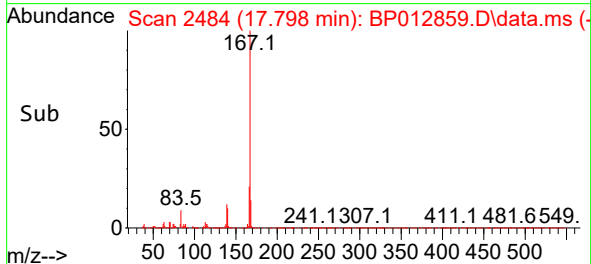
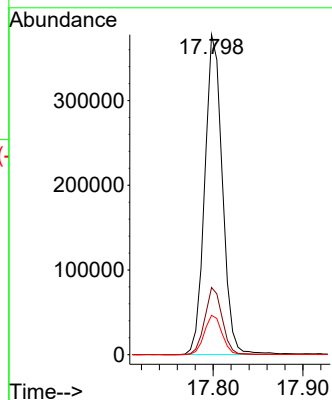
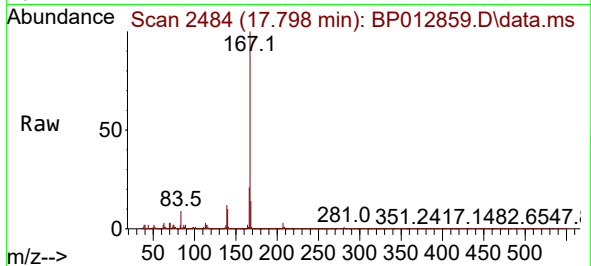




#77
 Carbazole
 Concen: 3.318 ng/ul
 RT: 17.798 min Scan# 2484
 Delta R.T. -0.006 min
 Lab File: BP012859.D
 Acq: 29 Nov 2022 19:12

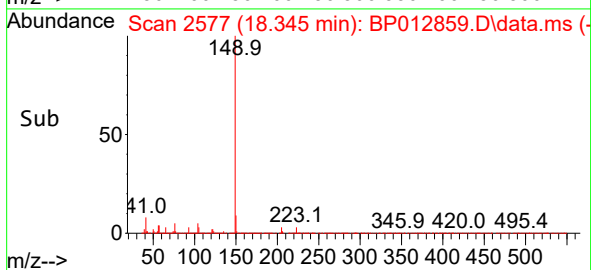
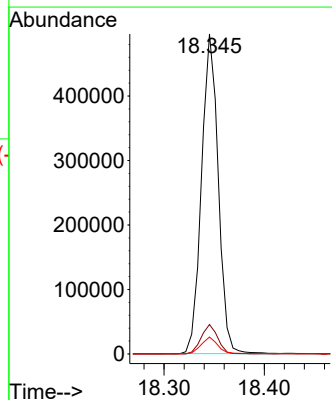
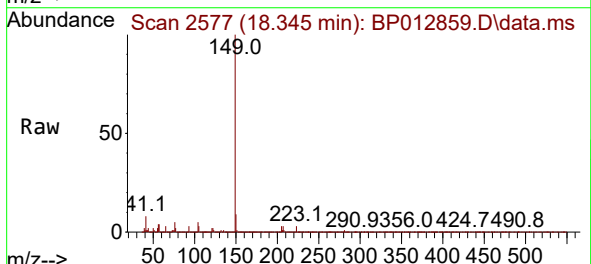
Instrument :
 BNA_P
 ClientSampleId :

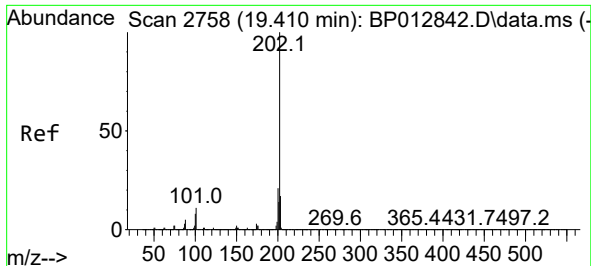
Tgt Ion:167 Resp: 515136
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.1 25.7
 139 12.3 9.8 14.8



#78
 Di-n-butylphthalate
 Concen: 3.138 ng/ul
 RT: 18.345 min Scan# 2577
 Delta R.T. -0.006 min
 Lab File: BP012859.D
 Acq: 29 Nov 2022 19:12

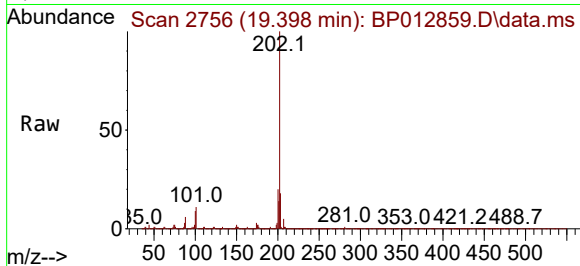
Tgt Ion:149 Resp: 576770
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.3 3.7 5.5



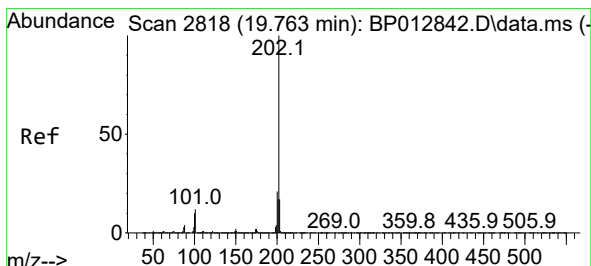
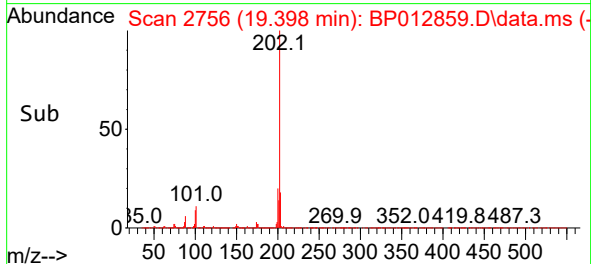
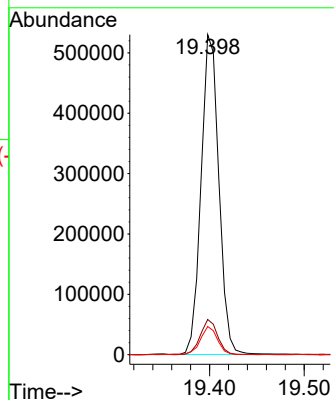


#80
Fluoranthene
Concen: 2.711 ng/ul
RT: 19.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Instrument :
BNA_P
ClientSampleId :

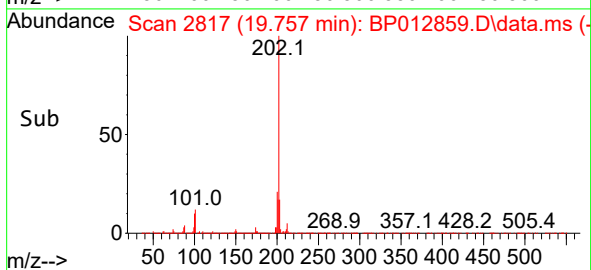
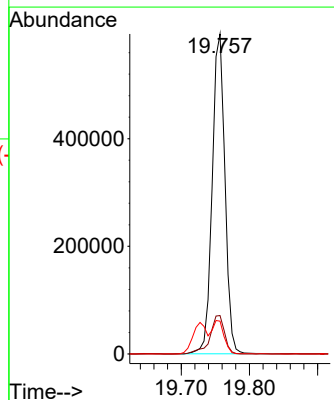
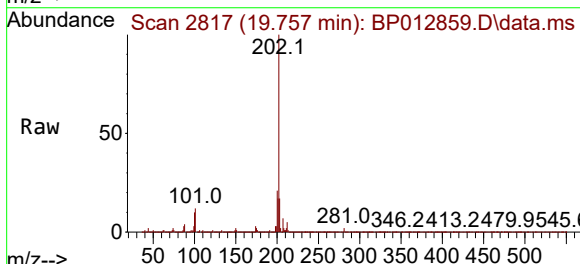


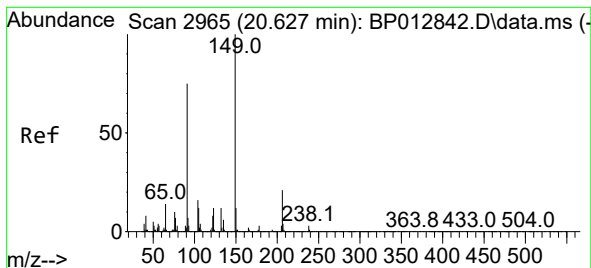
Tgt Ion:202 Resp: 689028
Ion Ratio Lower Upper
202 100
101 11.0 8.7 13.1
100 8.8 6.9 10.3



#82
Pyrene
Concen: 2.945 ng/ul
RT: 19.757 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:202 Resp: 773972
Ion Ratio Lower Upper
202 100
101 12.0 10.3 15.5
100 10.2 8.6 13.0





#83

Butylbenzylphthalate

Concen: 3.005 ng/ul

RT: 20.622 min Scan# 2965

Delta R.T. 0.000 min

Lab File: BP012859.D

Acq: 29 Nov 2022 19:12

Instrument :

BNA_P

ClientSampleId :

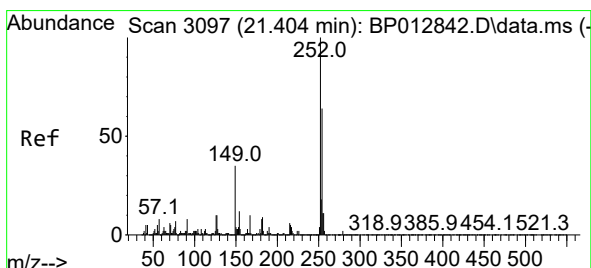
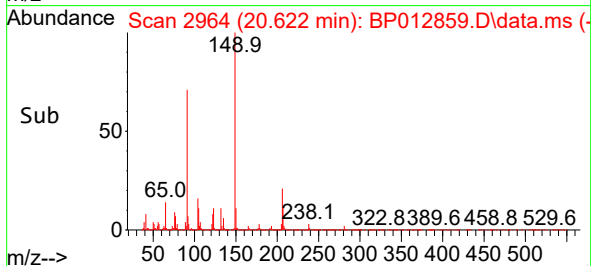
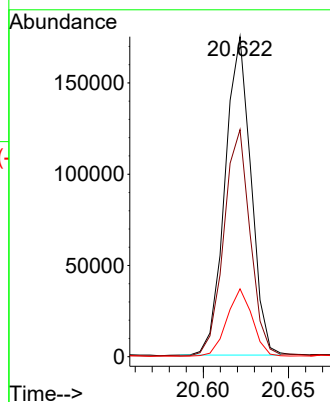
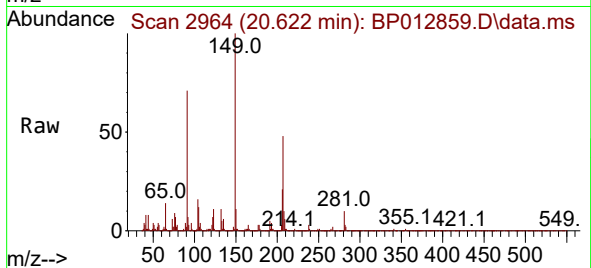
Tgt Ion:149 Resp: 184787

Ion Ratio Lower Upper

149 100

91 70.9 58.2 87.2

206 21.2 16.5 24.7



#84

3,3'-Dichlorobenzidine

Concen: 1.750 ng/ul

RT: 21.392 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP012859.D

Acq: 29 Nov 2022 19:12

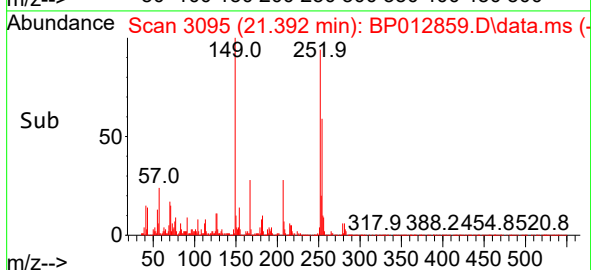
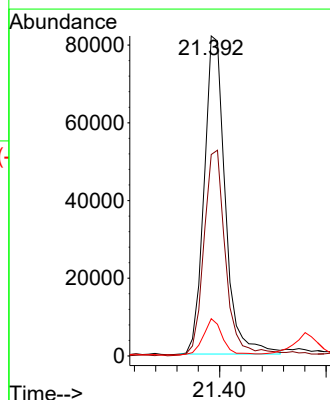
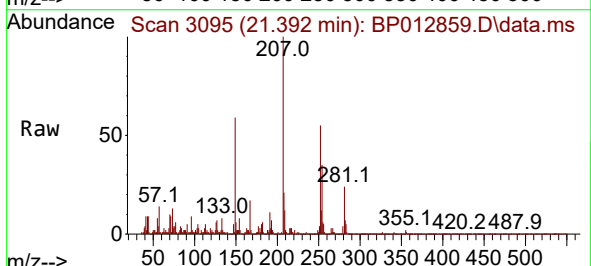
Tgt Ion:252 Resp: 112997

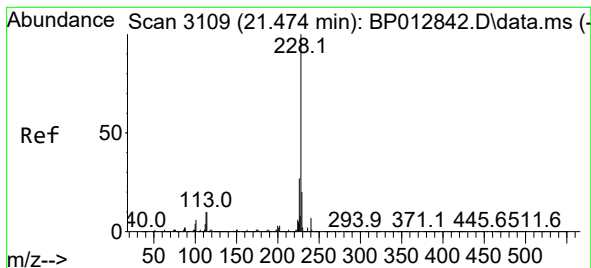
Ion Ratio Lower Upper

252 100

254 63.0 52.3 78.5

126 11.7 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 2.842 ng/ul

RT: 21.469 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BP012859.D

Acq: 29 Nov 2022 19:12

Instrument :

BNA_P

ClientSampleId :

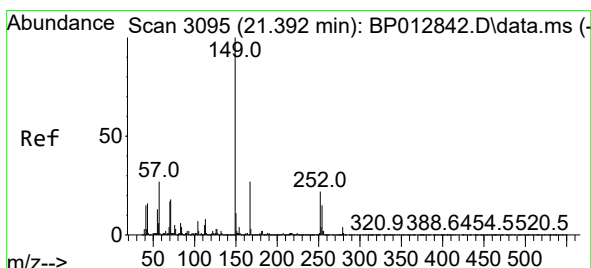
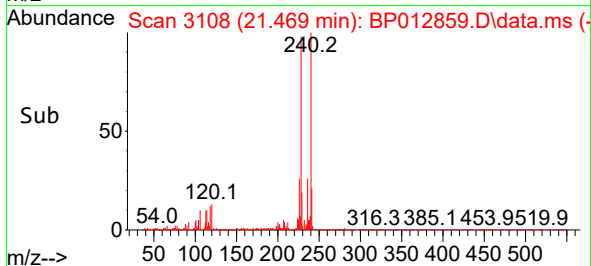
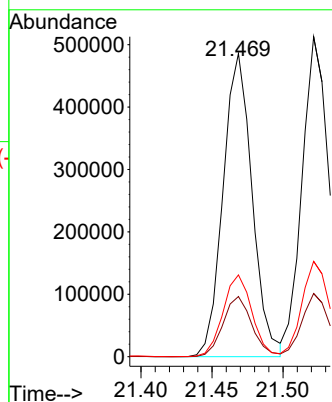
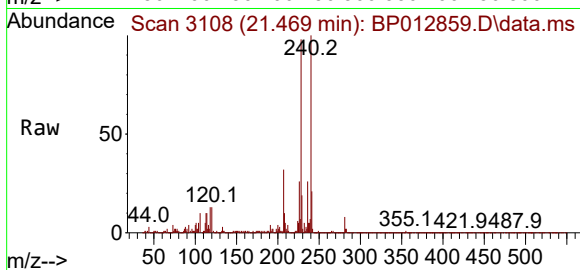
Tgt Ion:228 Resp: 691149

Ion Ratio Lower Upper

228 100

229 19.9 16.2 24.2

226 27.0 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.769 ng/ul

RT: 21.380 min Scan# 3093

Delta R.T. -0.006 min

Lab File: BP012859.D

Acq: 29 Nov 2022 19:12

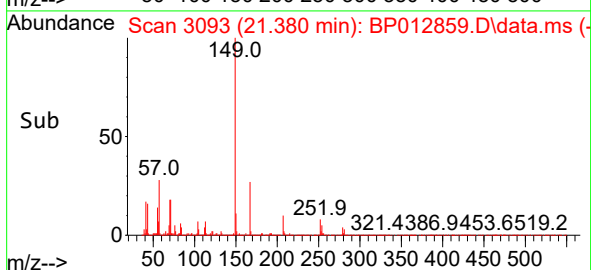
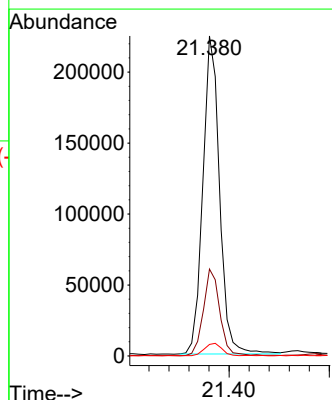
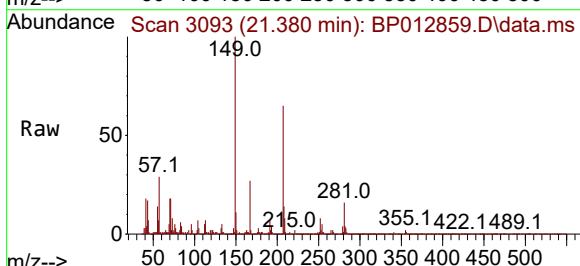
Tgt Ion:149 Resp: 260404

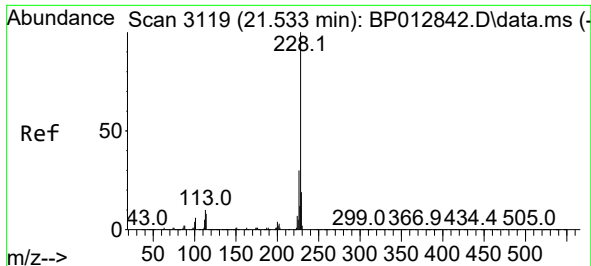
Ion Ratio Lower Upper

149 100

167 27.1 22.7 34.1

279 3.6 3.8 5.6#

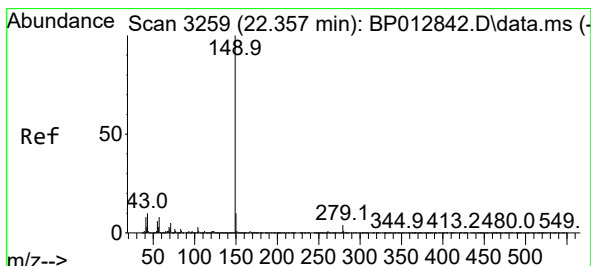
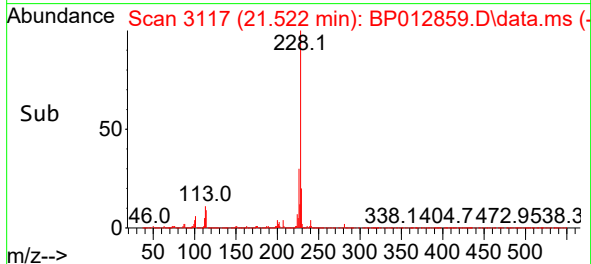
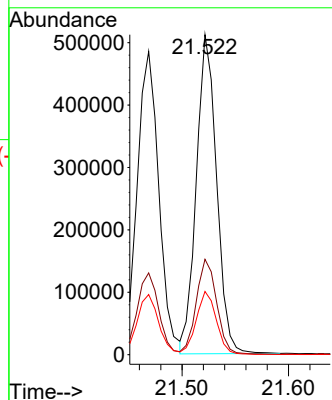
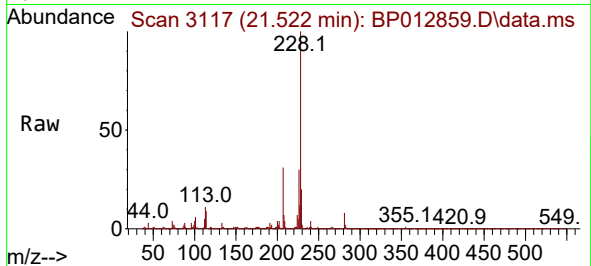




#87
Chrysene
Concen: 2.885 ng/ul
RT: 21.522 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

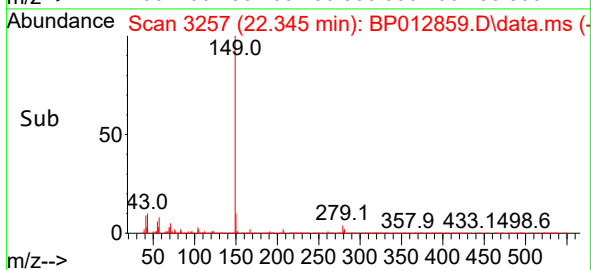
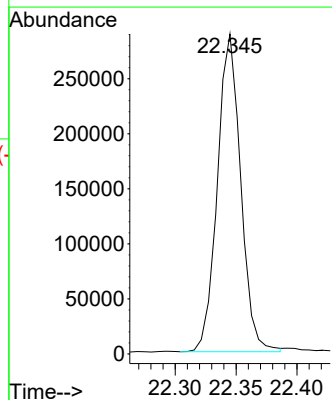
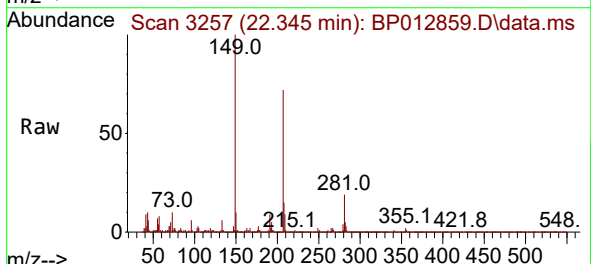
Instrument :
BNA_P
ClientSampleId :

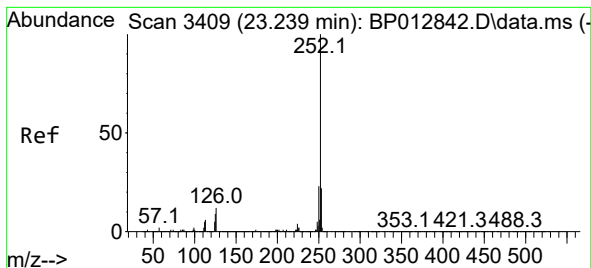
Tgt Ion:228 Resp: 678386
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 19.8 15.9 23.9



#89
Di-n-octyl phthalate
Concen: 2.031 ng/ul
RT: 22.345 min Scan# 3257
Delta R.T. 0.000 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion:149 Resp: 384194





#90

Benzo(b)fluoranthene

Concen: 2.593 ng/ul

RT: 23.221 min Scan# 3409

Delta R.T. -0.006 min

Lab File: BP012859.D

Acq: 29 Nov 2022 19:12

Instrument :

BNA_P

ClientSampleId :

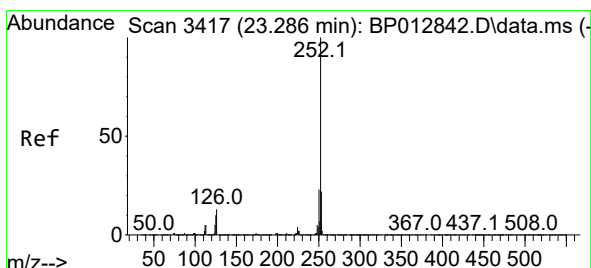
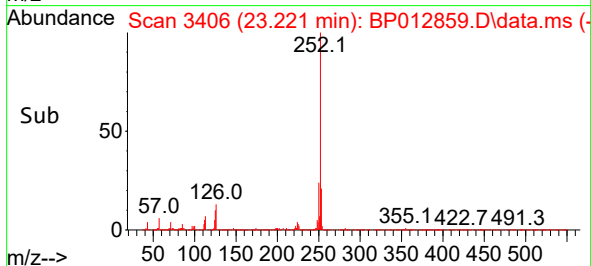
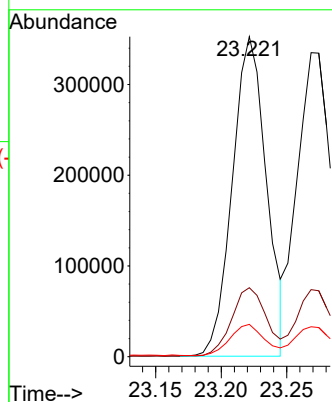
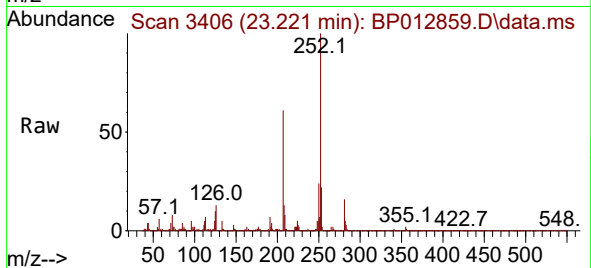
Tgt Ion:252 Resp: 635998

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 10.1 7.4 11.2



#91

Benzo(k)fluoranthene

Concen: 2.642 ng/ul

RT: 23.268 min Scan# 3414

Delta R.T. -0.012 min

Lab File: BP012859.D

Acq: 29 Nov 2022 19:12

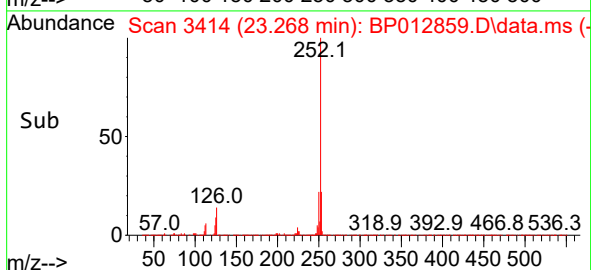
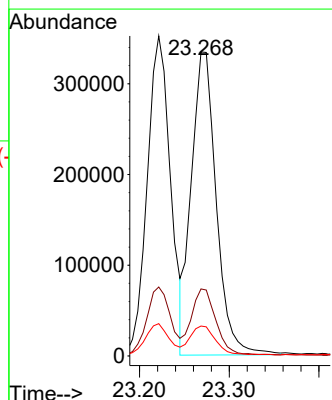
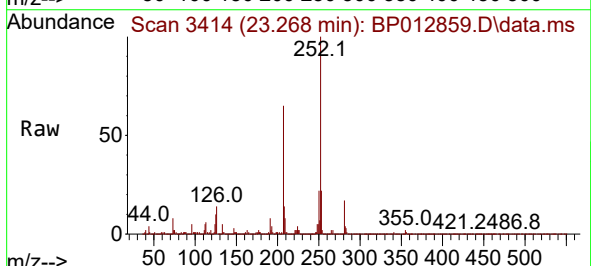
Tgt Ion:252 Resp: 646661

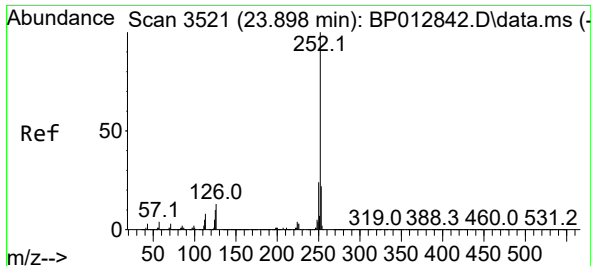
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 9.8 7.8 11.8

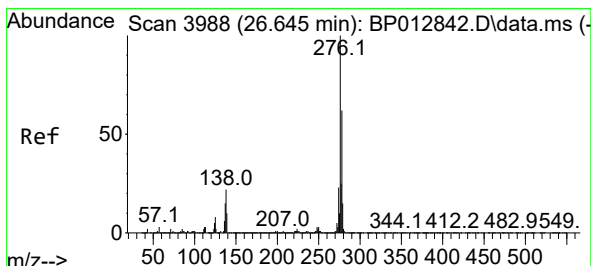
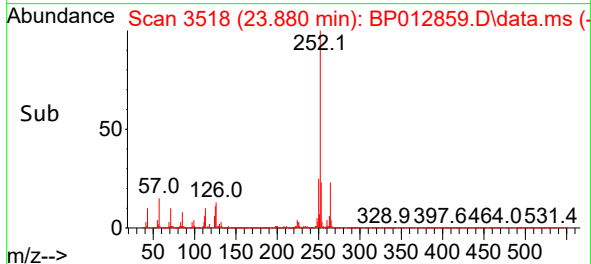
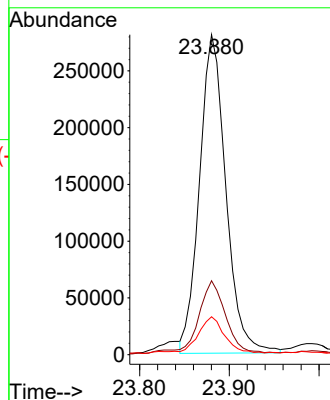
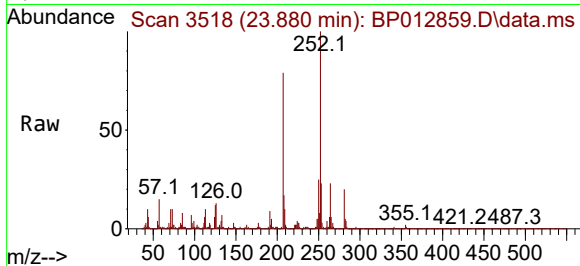




#93
Benzo(a)pyrene
Concen: 2.845 ng/ul
RT: 23.880 min Scan# 3521
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

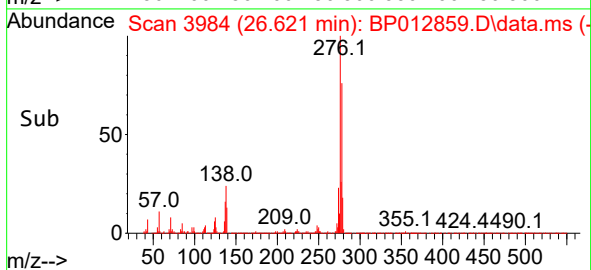
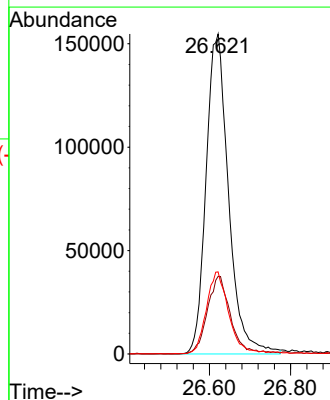
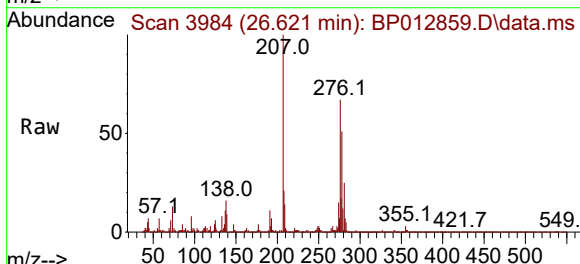
Instrument :
BNA_P
ClientSampleId :

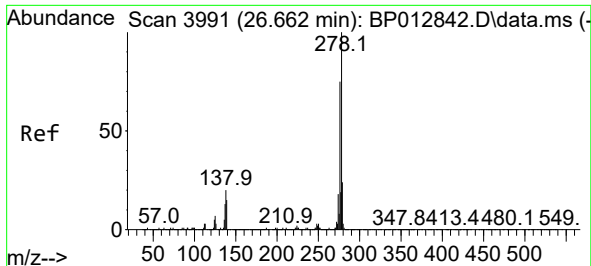
Tgt Ion:252 Resp: 573704
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 11.8 8.5 12.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.053 ng/ul
RT: 26.621 min Scan# 3984
Delta R.T. -0.006 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

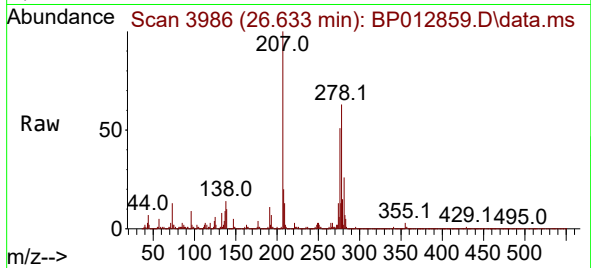
Tgt Ion:276 Resp: 593984
Ion Ratio Lower Upper
276 100
138 24.3 18.3 27.5
277 25.6 19.8 29.8



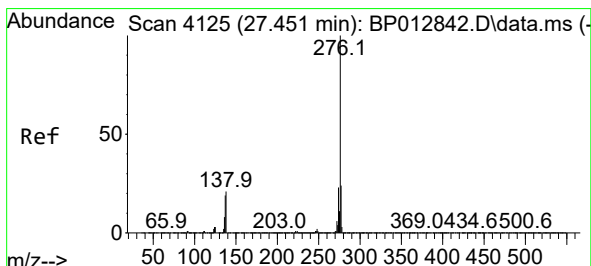
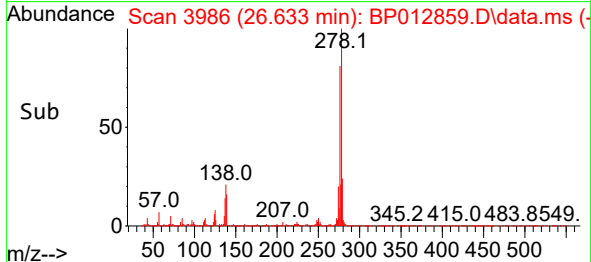
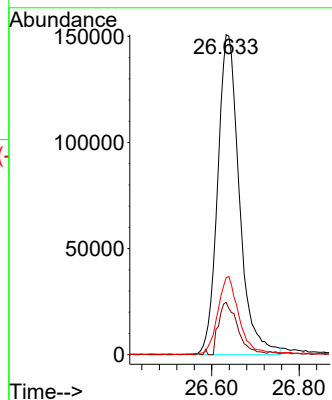


#95
Dibenzo(a,h)anthracene
Concen: 2.933 ng/ul
RT: 26.633 min Scan# 3991
Delta R.T. -0.018 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 278 Resp: 517804
Ion Ratio Lower Upper
278 100
139 16.4 12.6 18.8
279 24.1 19.4 29.2



#96
Benzo(g,h,i)perylene
Concen: 3.022 ng/ul
RT: 27.427 min Scan# 4121
Delta R.T. -0.012 min
Lab File: BP012859.D
Acq: 29 Nov 2022 19:12

Tgt Ion: 276 Resp: 505692
Ion Ratio Lower Upper
276 100
138 20.5 16.7 25.1
277 24.3 19.1 28.7

