

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
 Data File : BP013306.D
 Acq On : 24 Dec 2022 18:38
 Operator : CG/JU
 Sample : N6016-13MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 25 00:23:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 00:19:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	526291	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	1937448	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	1075261	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	2464077	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	2703259	20.000	ng/u1	0.00
88) Perylene-d12	23.921	264	3146069	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	79391	6.450	ng/uL	0.00
4) Pyridine-d5	3.758	84	982492	28.099	ng/u1	0.00
7) Phenol-d5	7.105	99	1437646	33.537	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	932092	36.045	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	1227062	36.362	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	938945	26.732	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	577655	40.580	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	667504	41.652	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	1150621	36.964	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	1188851	27.054	ng/u1	0.00
46) Dimethylphthalate-d6	13.992	166	2844771	34.424	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	3442427	37.910	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	549612	36.973	ng/u1	0.00
60) Fluorene-d10	15.581	176	2564646	36.684	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	490007	30.902	ng/u1	0.00
73) Anthracene-d10	17.445	188	3995616	35.943	ng/u1	0.00
81) Pyrene-d10	19.680	212	5493959	35.407	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.762	264	5830002	37.178	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	184114	14.328	ng/uL	90
5) Pyridine	3.775	79	1289949	37.120	ng/u1	98
6) Benzaldehyde	7.075	77	997406	59.420	ng/u1	99
8) Phenol	7.134	94	1634302	37.706	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.363	93	1309006	36.796	ng/u1	97
12) 2-Chlorophenol	7.505	128	1316316	38.038	ng/u1	97
13) 2-Methylphenol	8.387	108	1136023	33.619	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	1903880	39.001	ng/u1	97
16) Acetophenone	8.769	105	1870560	34.732	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.757	70	938973	34.671	ng/u1	96
18) 4-Methylphenol	8.722	108	1232349	32.926	ng/u1	100
19) Hexachloroethane	9.022	117	522464	37.781	ng/u1	98
22) Nitrobenzene	9.151	77	1424627	42.649	ng/u1	97
23) Isophorone	9.681	82	2514672	37.231	ng/u1	98
25) 2-Nitrophenol	9.869	139	713661	41.099	ng/u1	96
26) 2,4-Dimethylphenol	9.928	107	722929	21.338	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.163	93	1599836	37.044	ng/u1	99
29) 2,4-Dichlorophenol	10.404	162	1188462	38.976	ng/u1	99
30) Naphthalene	10.804	128	3894438	38.434	ng/u1	99
32) 4-Chloroaniline	10.916	127	1317233	30.291	ng/u1	99
33) Hexachlorobutadiene	11.087	225	874894	41.789	ng/u1	99
34) Caprolactam	11.710	113	279562	26.889	ng/u1	93
35) 4-Chloro-3-methylphenol	12.040	107	1103730	35.469	ng/u1	100
36) 2-Methylnaphthalene	12.410	142	2494969	35.892	ng/u1	99

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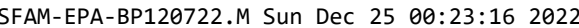
Instrument :
 BNA_P
 ClientSampleId :

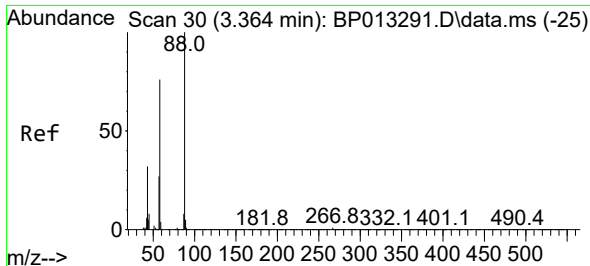
Quant Time: Dec 25 00:23:11 2022
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	2469724	34.548	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.781	216	1511396	43.652	ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	456584	20.264	ng/ul	97
41) 2,4,6-Trichlorophenol	13.022	196	935093	42.024	ng/ul	99
42) 2,4,5-Trichlorophenol	13.092	196	1017579	42.574	ng/ul	100
43) 1,1'-Biphenyl	13.416	154	3211696	39.770	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	2589470	40.742	ng/ul	100
45) 2-Nitroaniline	13.669	65	718862	46.649	ng/ul	97
47) Dimethylphthalate	14.039	163	2968827	36.247	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	624893	41.053	ng/ul	100
50) Acenaphthylene	14.310	152	3842989	39.365	ng/ul	99
51) 3-Nitroaniline	14.498	138	641784	44.652	ng/ul	98
52) Acenaphthene	14.651	153	2644613	39.092	ng/ul	100
53) 2,4-Dinitrophenol	14.704	184	328996	31.620	ng/ul	98
55) 4-Nitrophenol	14.804	109	448766	44.245	ng/ul	94
56) Dibenzofuran	14.986	168	3717402	38.648	ng/ul	100
57) 2,4-Dinitrotoluene	14.951	165	902188	40.804	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.216	232	891418	40.868	ng/ul	95
59) Diethylphthalate	15.404	149	2802358	35.196	ng/ul	100
61) Fluorene	15.633	166	3019994	39.150	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.628	204	1558594	38.207	ng/ul	99
63) 4-Nitroaniline	15.663	138	686769	54.301	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.716	198	506863	32.710	ng/ul	97
67) N-Nitrosodiphenylamine	15.845	169	2518026	36.859	ng/ul	99
68) 4-Bromophenyl-phenylether	16.528	248	988934	36.956	ng/ul	99
69) Hexachlorobenzene	16.645	284	1195732	37.633	ng/ul	99
70) Atrazine	16.798	200	953563	35.819	ng/ul	99
71) Pentachlorophenol	16.992	266	780678	40.571	ng/ul	100
72) Phenanthrene	17.386	178	5047107	39.325	ng/ul	99
74) Anthracene	17.480	178	4832553	37.710	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	1486855	42.294	ng/ul	99
76) Pentachlorobenzene	14.904	250	1343983	37.496	ng/ul	100
77) Carbazole	17.751	167	4714622	43.685	ng/ul	99
78) Di-n-butylphthalate	18.292	149	5050456	38.434	ng/ul	100
80) Fluoranthene	19.351	202	6687457	37.973	ng/ul	100
82) Pyrene	19.710	202	6891644	37.936	ng/ul	99
83) Butylbenzylphthalate	20.569	149	2684004	38.243	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.351	252	1626236	26.630	ng/ul	99
85) Benzo(a)anthracene	21.421	228	7229955	40.288	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	3885416	39.247	ng/ul	99
87) Chrysene	21.474	228	6691319	39.429	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	6890637	39.095	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	7832077	39.040	ng/ul	100
91) Benzo(k)fluoranthene	23.210	252	7302266	36.707	ng/ul	99
93) Benzo(a)pyrene	23.810	252	6768420	38.747	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.521	276	9085395	41.755	ng/ul	99
95) Dibenzo(a,h)anthracene	26.539	278	7656966	42.503	ng/ul	99
96) Benzo(g,h,i)perylene	27.327	276	7498663	42.928	ng/ul	99

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

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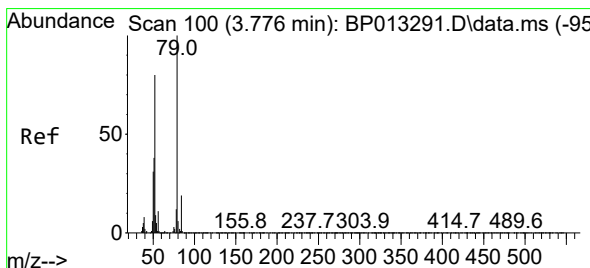
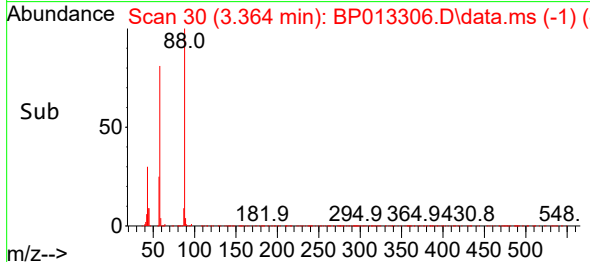
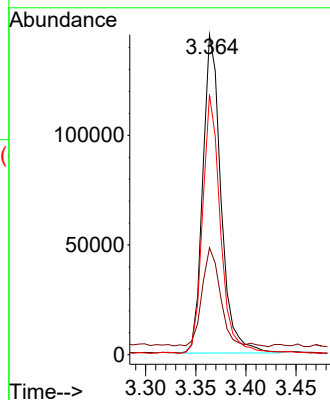
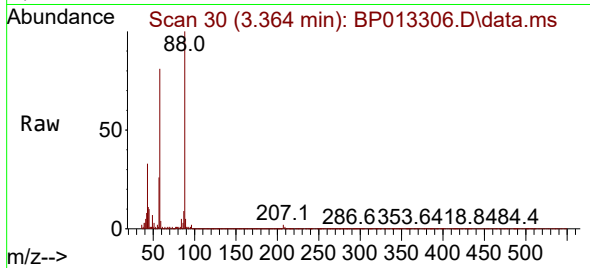




#2
1,4-Dioxane
Concen: 14.328 ng/uL
RT: 3.364 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP013306.D
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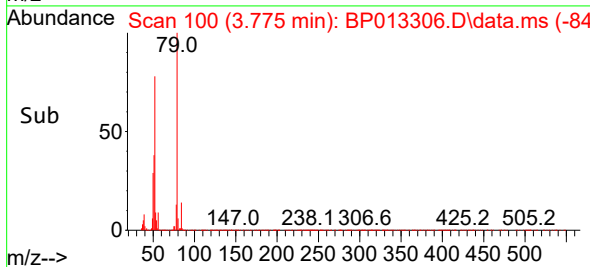
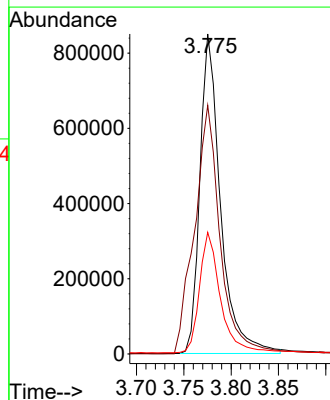
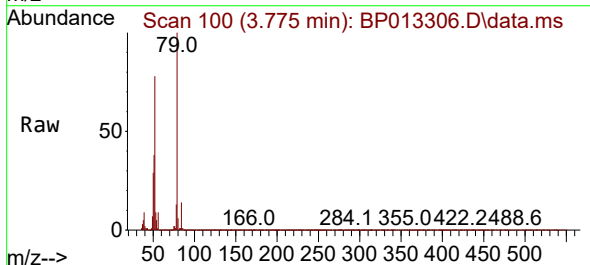
Instrument :
BNA_P
ClientSampleId :

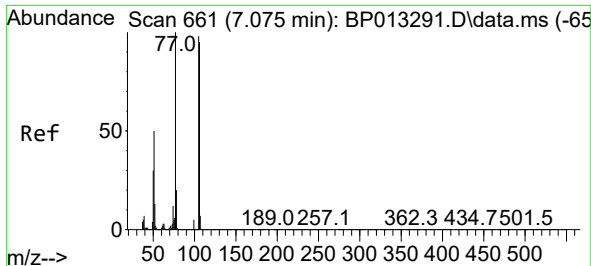
Tgt Ion: 88 Resp: 184114
Ion Ratio Lower Upper
88 100
43 33.4 22.4 33.6
58 81.3 58.2 87.4



#5
Pyridine
Concen: 37.120 ng/uL
RT: 3.775 min Scan# 100
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion: 79 Resp: 1289949
Ion Ratio Lower Upper
79 100
52 77.7 60.7 91.1
51 38.0 28.9 43.3

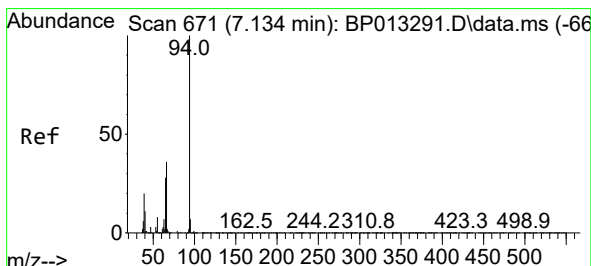
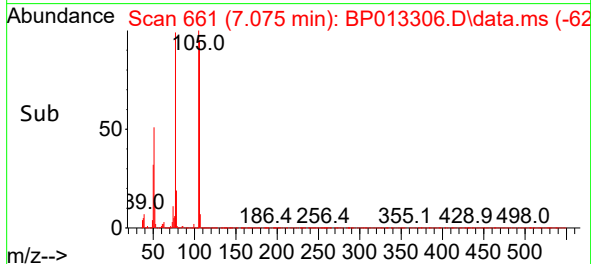
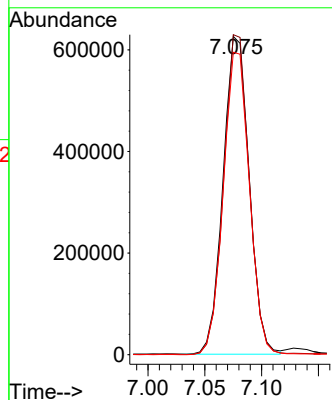
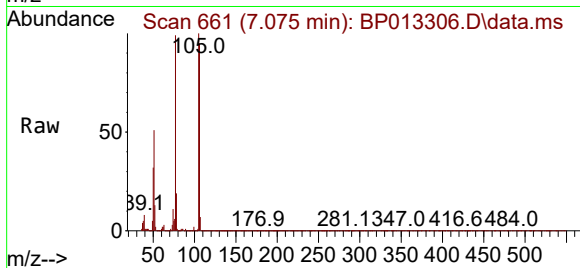




#6
Benzaldehyde
Concen: 59.420 ng/ul
RT: 7.075 min Scan# 606
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

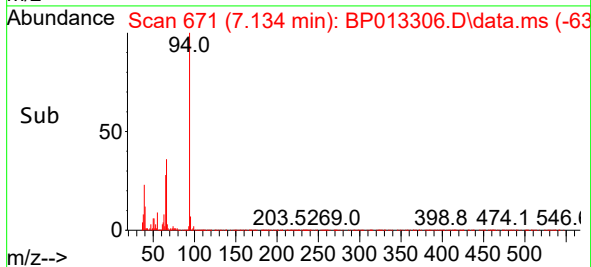
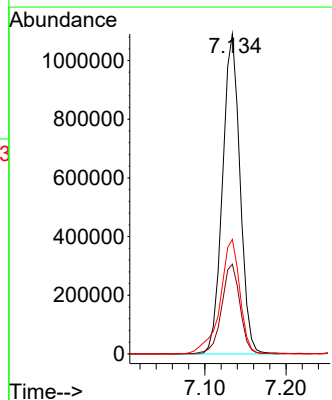
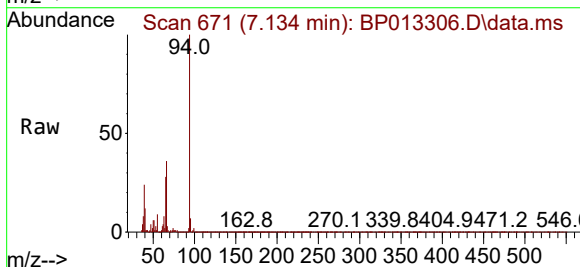
Instrument :
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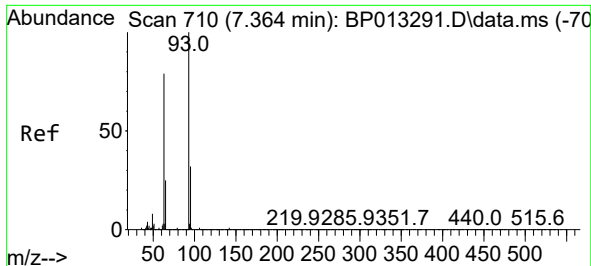
Tgt Ion: 77 Resp: 997406
Ion Ratio Lower Upper
77 100
105 100.5 81.5 122.3
106 95.0 76.9 115.3



#8
Phenol
Concen: 37.706 ng/ul
RT: 7.134 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

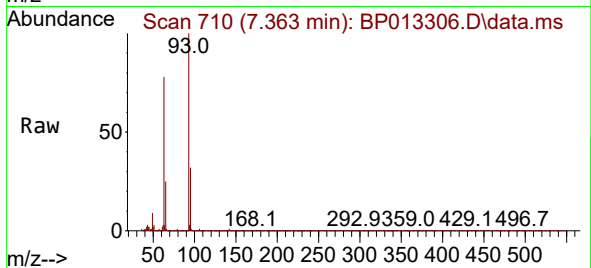
Tgt Ion: 94 Resp: 1634302
Ion Ratio Lower Upper
94 100
65 28.1 21.1 31.7
66 35.8 27.0 40.6





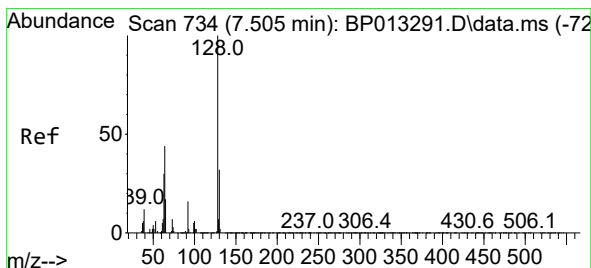
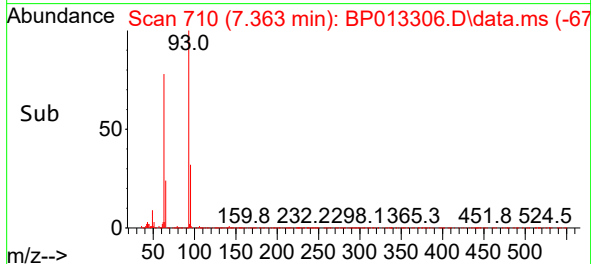
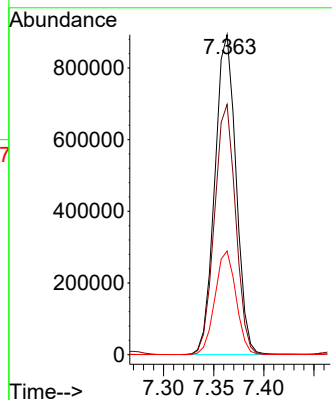
#10
Bis(2-Chloroethyl)ether
Concen: 36.796 ng/ul
RT: 7.363 min Scan# 710
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 93 Resp: 1309006

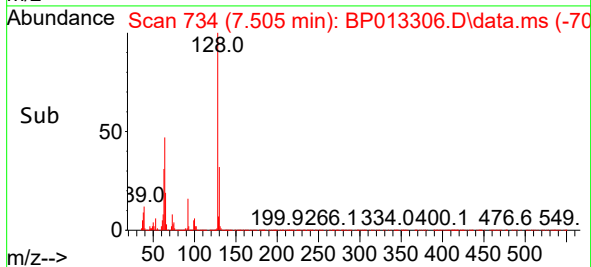
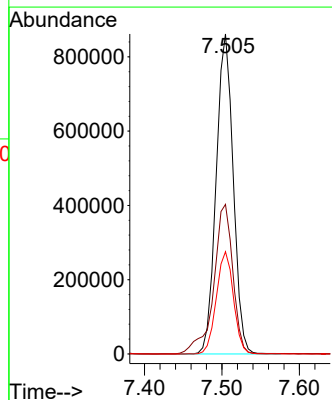
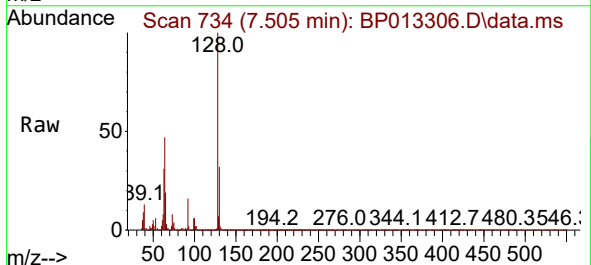
Ion	Ratio	Lower	Upper
93	100		
63	78.2	59.8	89.8
95	32.4	26.4	39.6

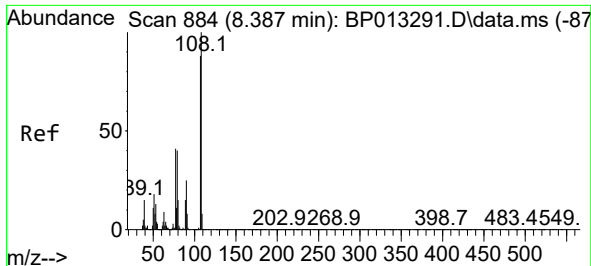


#12
2-Chlorophenol
Concen: 38.038 ng/ul
RT: 7.505 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion: 128 Resp: 1316316

Ion	Ratio	Lower	Upper
128	100		
64	46.8	34.9	52.3
130	31.9	25.8	38.6





#13

2-Methylphenol

Concen: 33.619 ng/ul

RT: 8.387 min Scan# 884

Delta R.T. -0.006 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

Instrument :

BNA_P

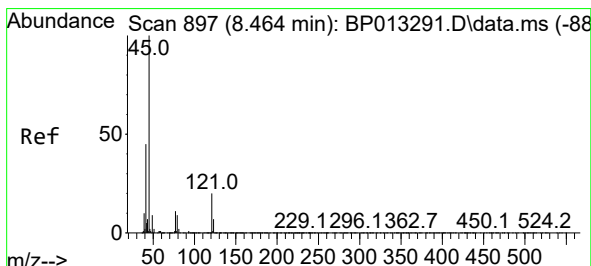
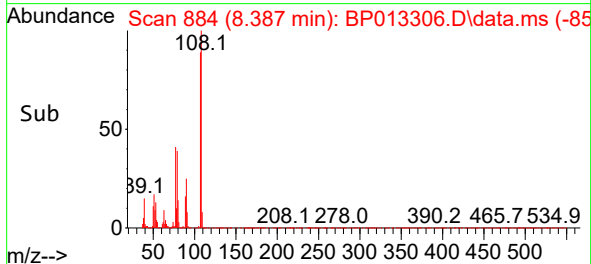
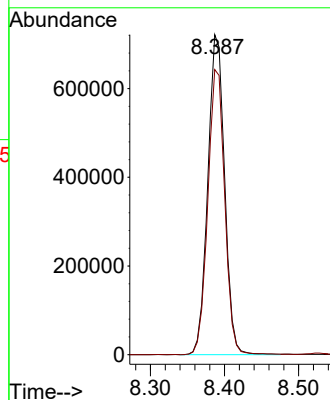
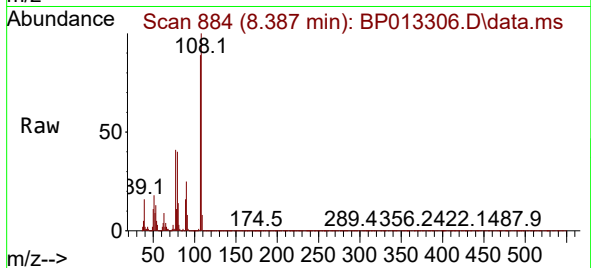
ClientSampleId :

Tgt Ion:108 Resp: 1136023

Ion Ratio Lower Upper

108 100

107 89.1 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 39.001 ng/ul

RT: 8.469 min Scan# 898

Delta R.T. -0.012 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

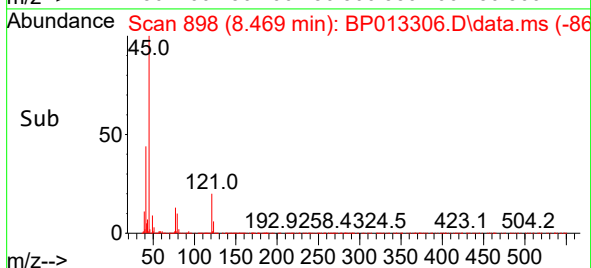
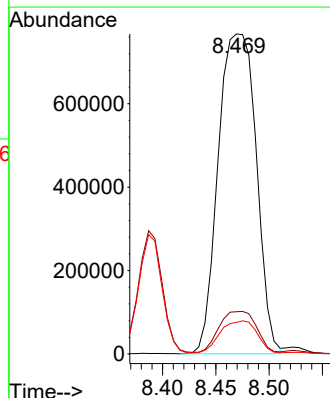
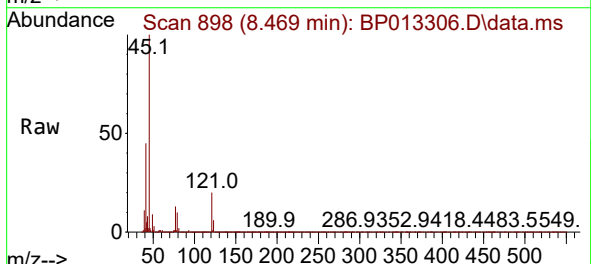
Tgt Ion: 45 Resp: 1903880

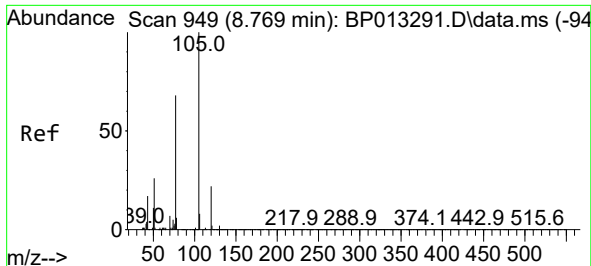
Ion Ratio Lower Upper

45 100

77 13.2 11.0 16.6

79 9.9 9.3 13.9

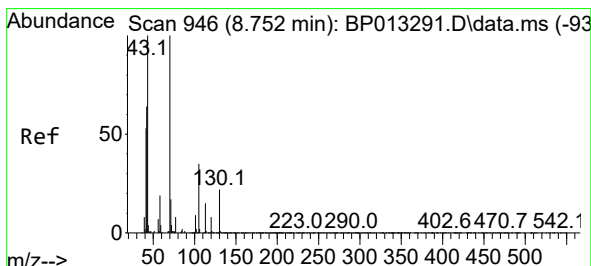
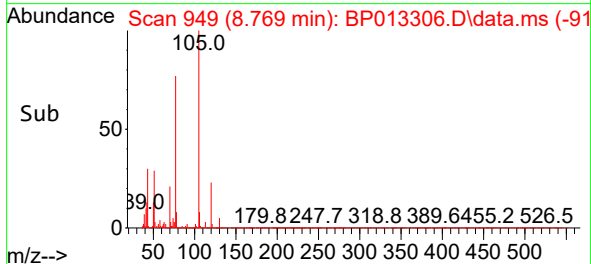
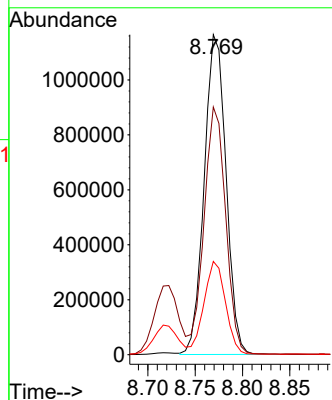
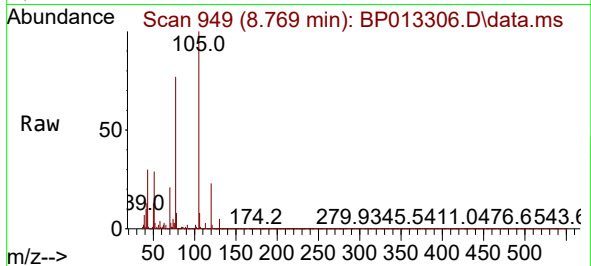




#16
Acetophenone
Concen: 34.732 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

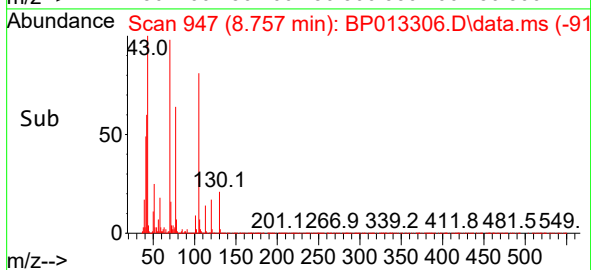
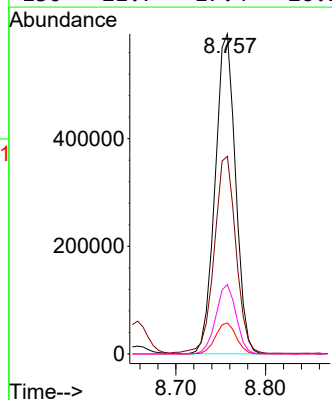
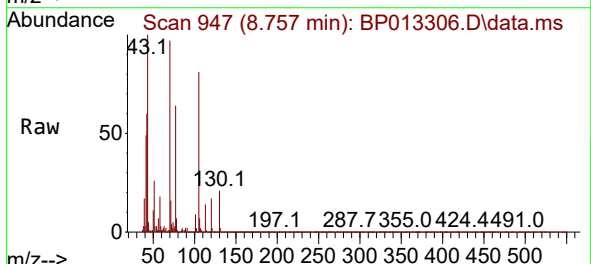
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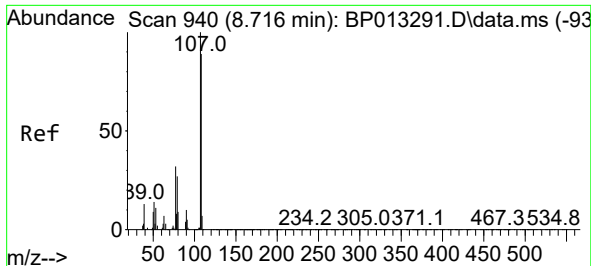
Tgt Ion:105 Resp: 1870560
Ion Ratio Lower Upper
105 100
77 77.4 59.3 88.9
51 29.2 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 34.671 ng/ul
RT: 8.757 min Scan# 947
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion: 70 Resp: 938973
Ion Ratio Lower Upper
70 100
42 61.8 45.5 68.3
101 9.7 7.9 11.9
130 21.7 17.4 26.2

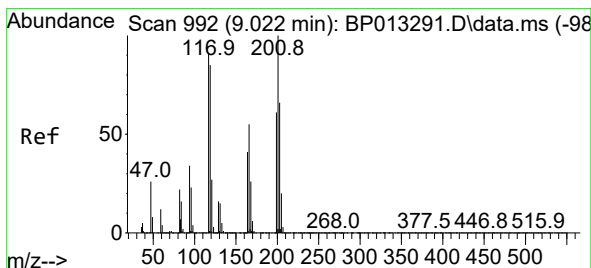
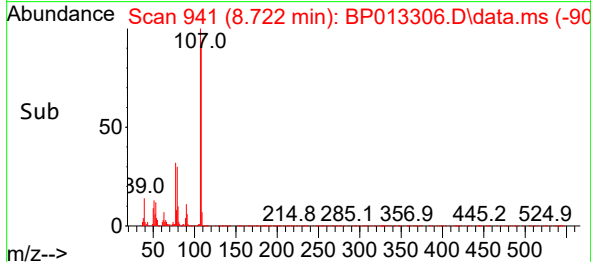
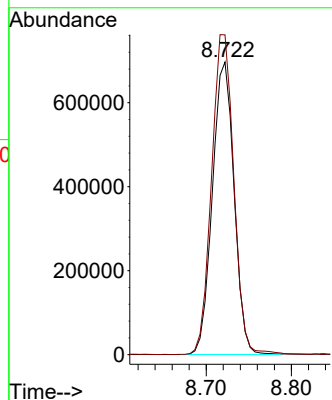
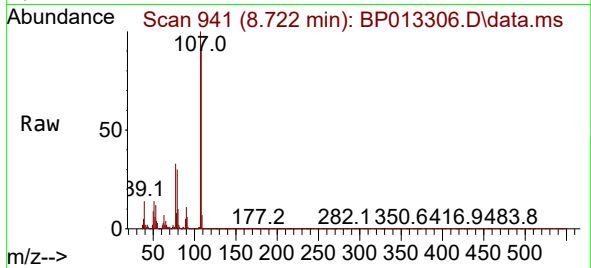




#18
4-Methylphenol
Concen: 32.926 ng/ul
RT: 8.722 min Scan# 940
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

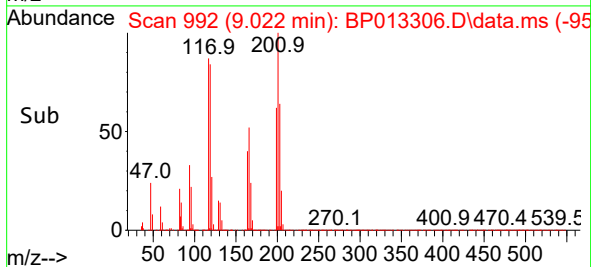
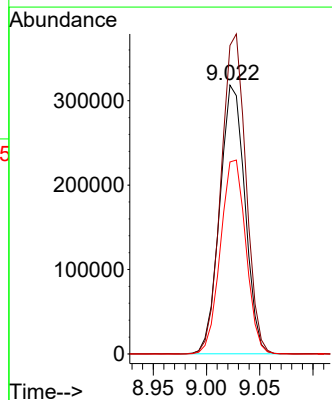
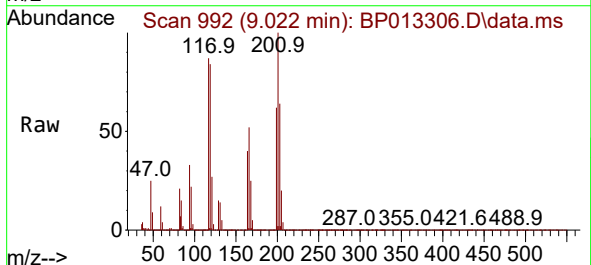
Instrument :
BNA_P
ClientSampleId :

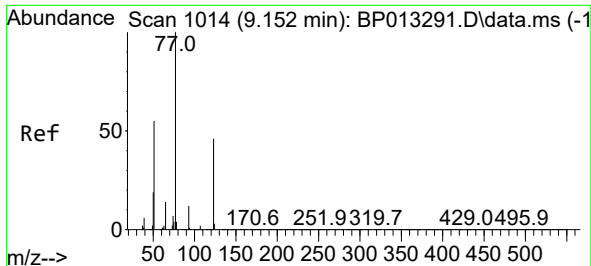
Tgt Ion:108 Resp: 1232349
Ion Ratio Lower Upper
108 100
107 109.3 87.4 131.2



#19
Hexachloroethane
Concen: 37.781 ng/ul
RT: 9.022 min Scan# 992
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:117 Resp: 522464
Ion Ratio Lower Upper
117 100
201 114.8 93.7 140.5
199 71.5 58.6 88.0

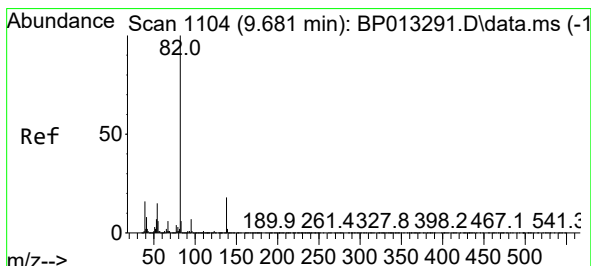
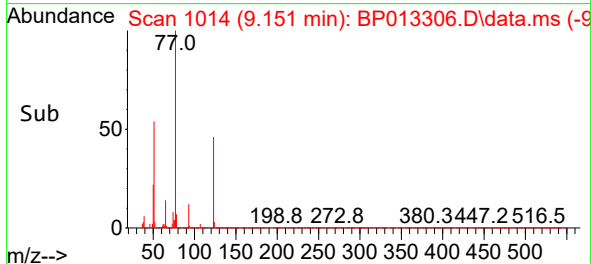
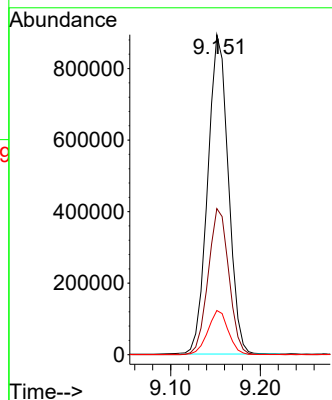
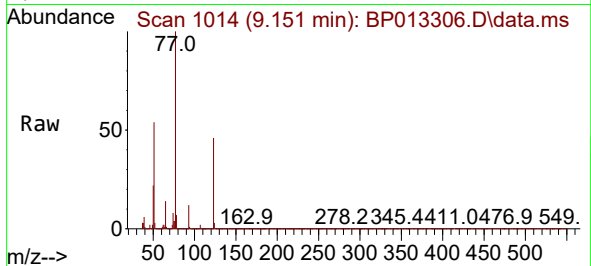




#22
Nitrobenzene
Concen: 42.649 ng/ul
RT: 9.151 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

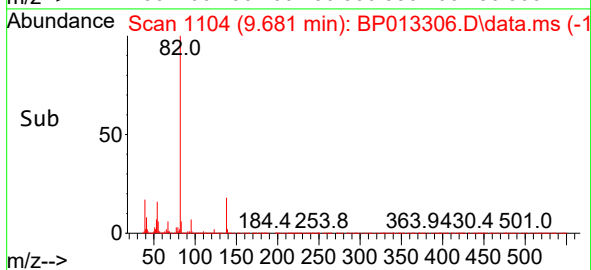
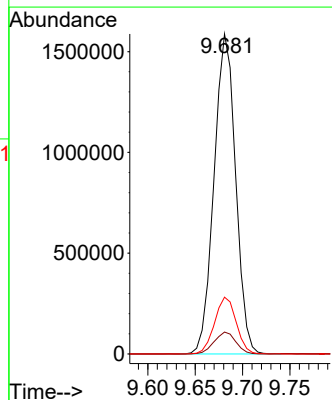
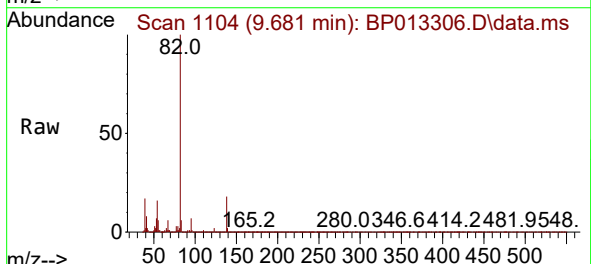
Instrument :
BNA_P
ClientSampleId :

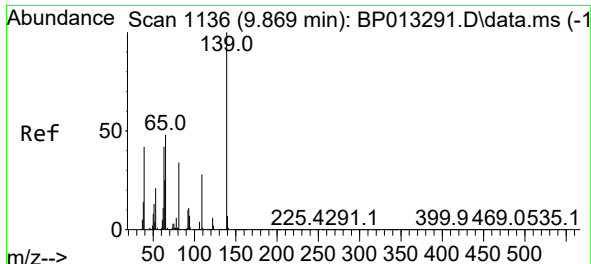
Tgt Ion: 77 Resp: 1424627
Ion Ratio Lower Upper
77 100
123 45.6 38.3 57.5
65 13.8 10.3 15.5



#23
Isophorone
Concen: 37.231 ng/ul
RT: 9.681 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion: 82 Resp: 2514672
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.8 15.3 22.9

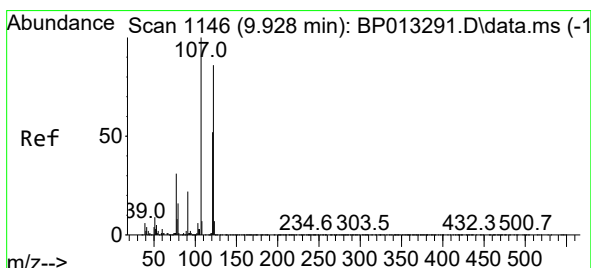
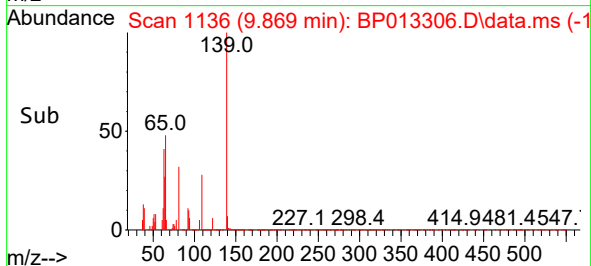
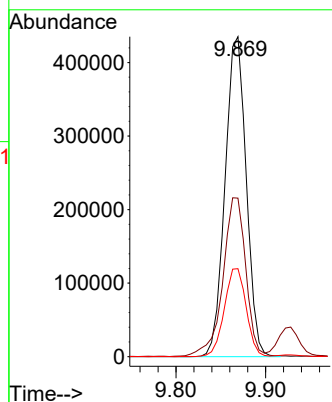
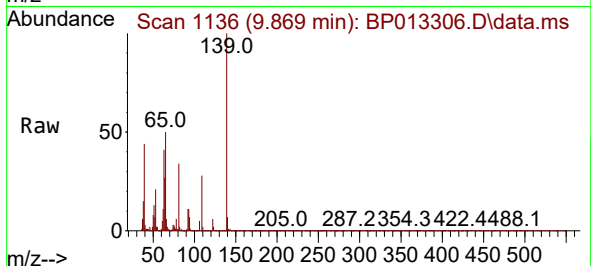




#25
2-Nitrophenol
Concen: 41.099 ng/ul
RT: 9.869 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

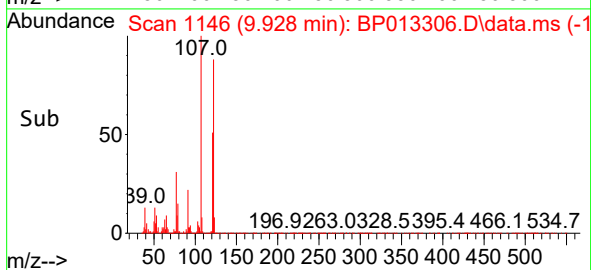
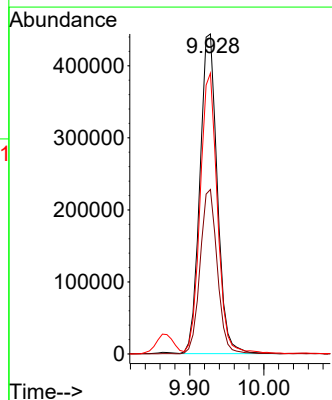
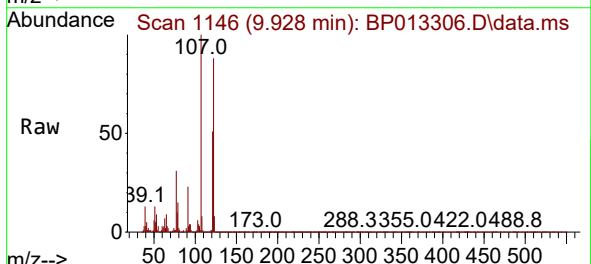
Instrument :
BNA_P
ClientSampleId :

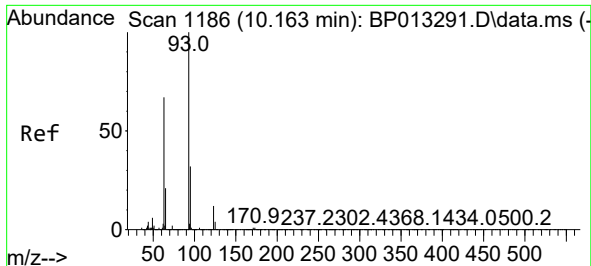
Tgt Ion:139 Resp: 713661
Ion Ratio Lower Upper
139 100
65 49.6 36.6 54.8
109 27.5 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 21.338 ng/ul
RT: 9.928 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:107 Resp: 722929
Ion Ratio Lower Upper
107 100
121 51.4 41.8 62.6
122 87.8 72.6 108.8

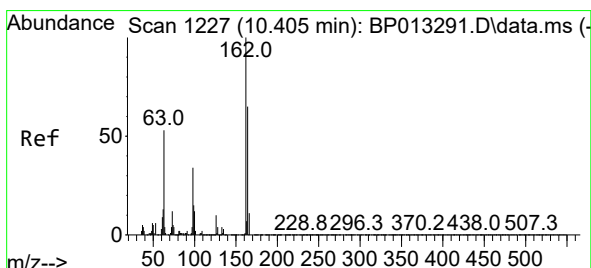
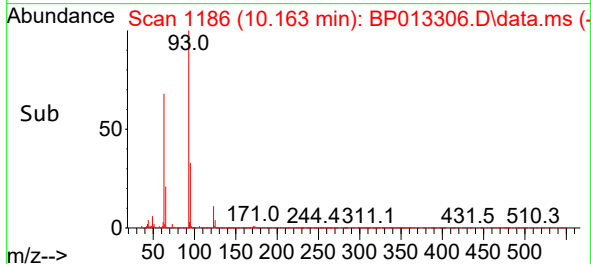
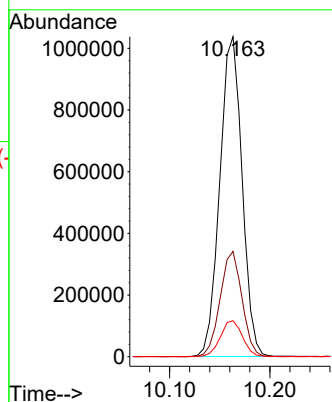
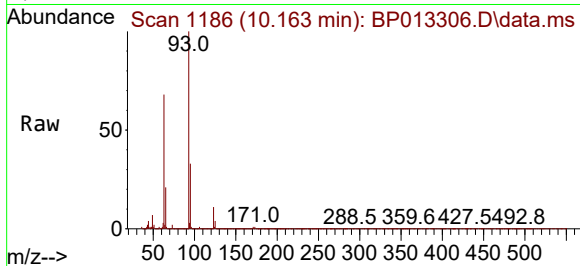




#27
 Bis(2-Chloroethoxy)methane
 Concen: 37.044 ng/ul
 RT: 10.163 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: BP013306.D
 Acq: 24 Dec 2022 18:38

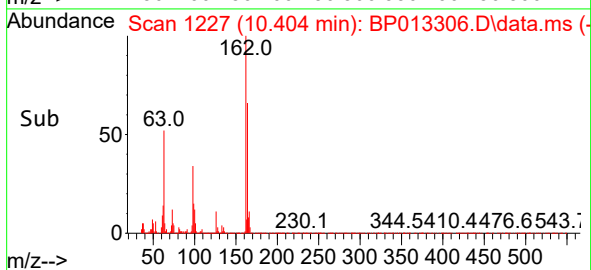
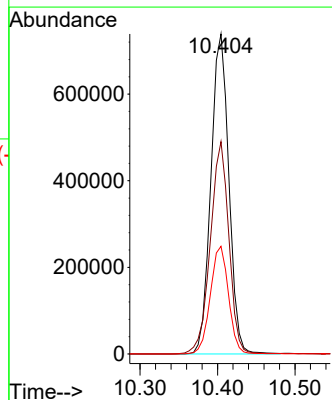
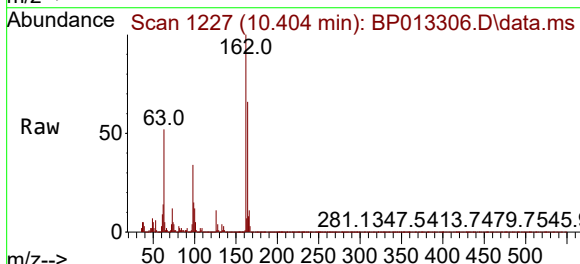
Instrument :
 BNA_P
 ClientSampleId :

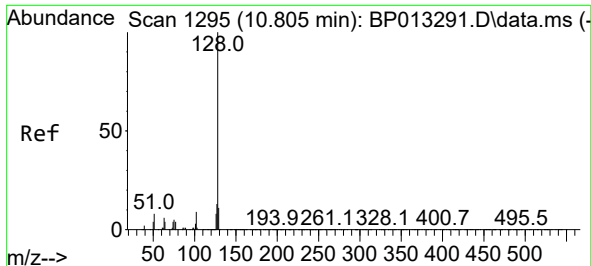
Tgt Ion: 93 Resp: 1599836
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.0 39.0
 123 11.2 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 38.976 ng/ul
 RT: 10.404 min Scan# 1227
 Delta R.T. 0.000 min
 Lab File: BP013306.D
 Acq: 24 Dec 2022 18:38

Tgt Ion:162 Resp: 1188462
 Ion Ratio Lower Upper
 162 100
 164 66.4 52.5 78.7
 98 33.6 26.6 39.8

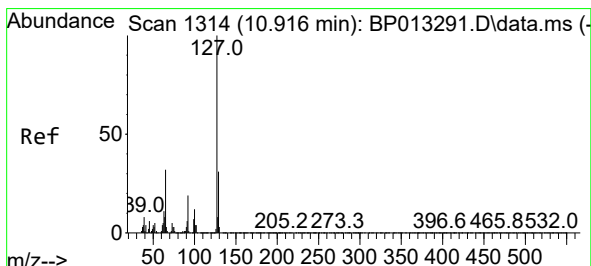
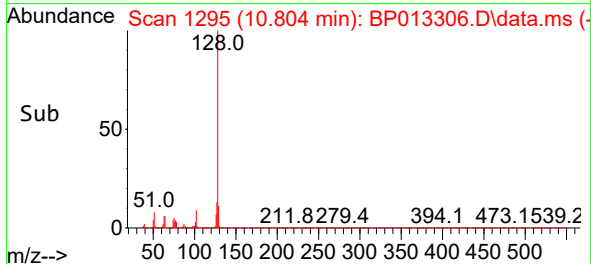
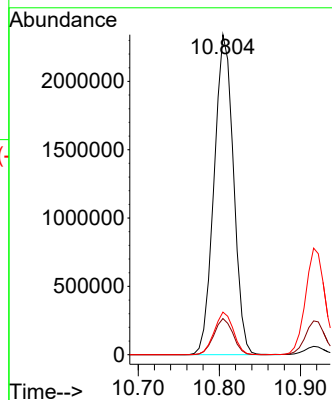
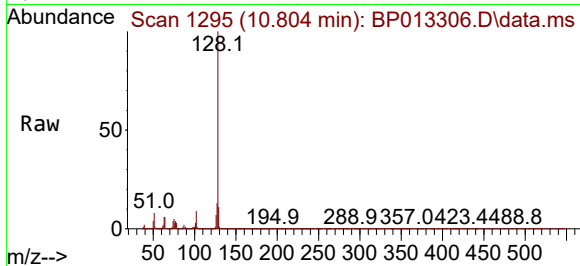




#30
Naphthalene
Concen: 38.434 ng/ul
RT: 10.804 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

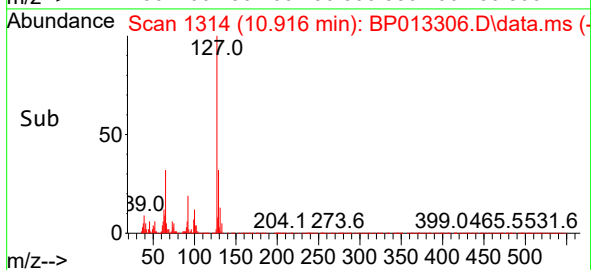
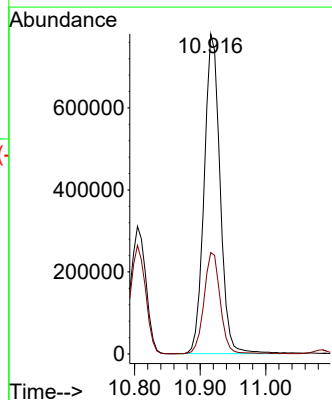
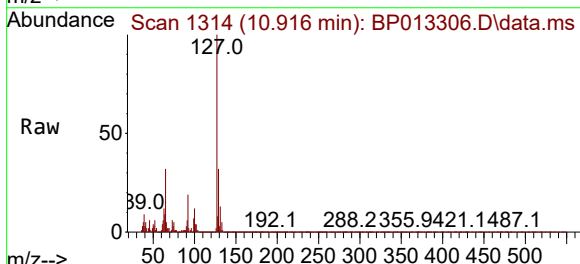
Instrument :
BNA_P
ClientSampleId :

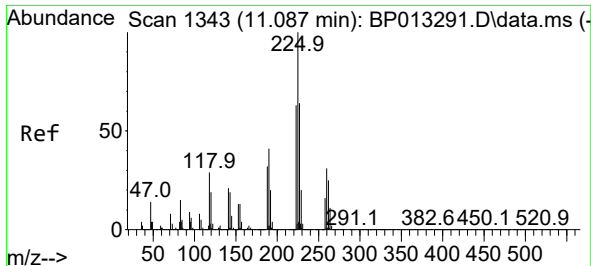
Tgt Ion:128 Resp: 3894438
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.4 15.6



#32
4-Chloroaniline
Concen: 30.291 ng/ul
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:127 Resp: 1317233
Ion Ratio Lower Upper
127 100
129 31.7 25.6 38.4

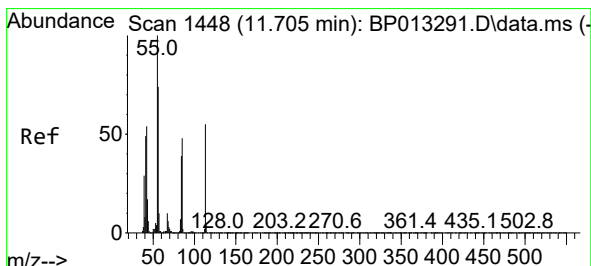
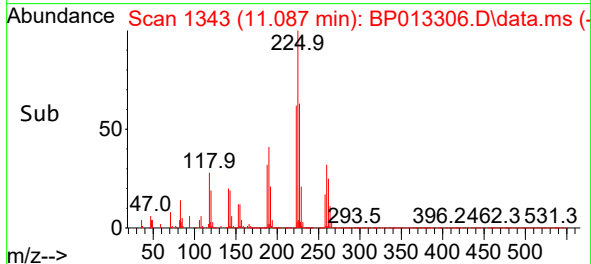
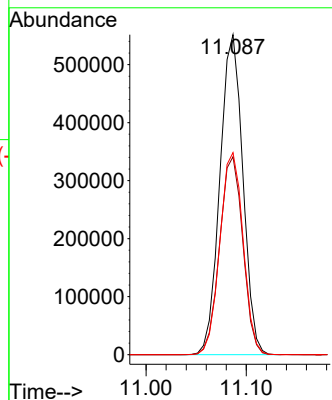
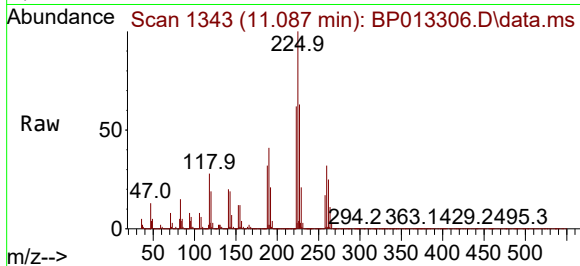




#33
Hexachlorobutadiene
Concen: 41.789 ng/ul
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

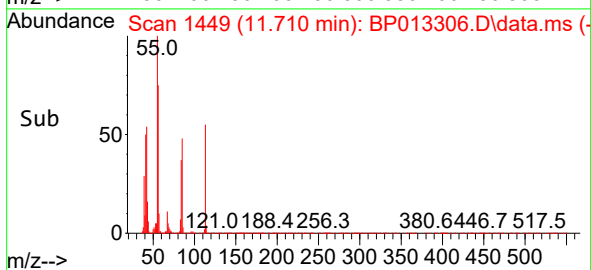
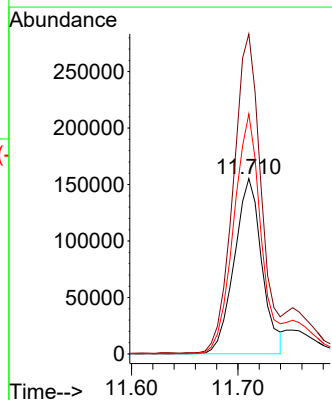
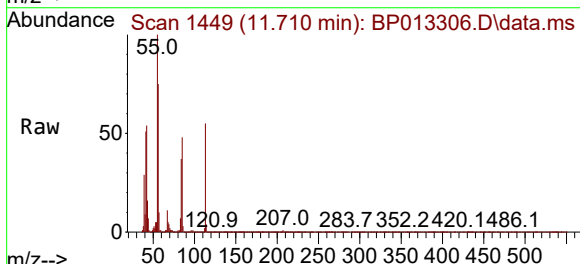
Instrument :
BNA_P
ClientSampleId :

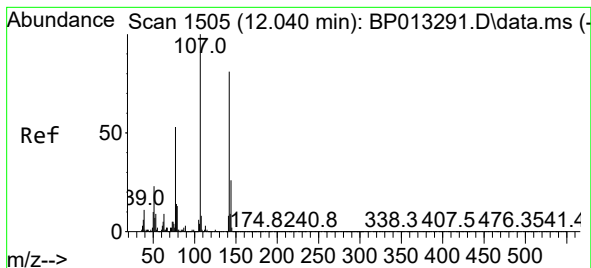
Tgt Ion:225 Resp: 874894
Ion Ratio Lower Upper
225 100
223 61.9 49.2 73.8
227 63.1 50.2 75.2



#34
Caprolactam
Concen: 26.889 ng/ul
RT: 11.710 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:113 Resp: 279562
Ion Ratio Lower Upper
113 100
55 182.4 141.9 212.9
56 136.8 99.6 149.4

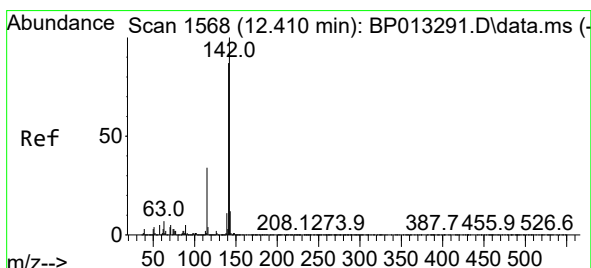
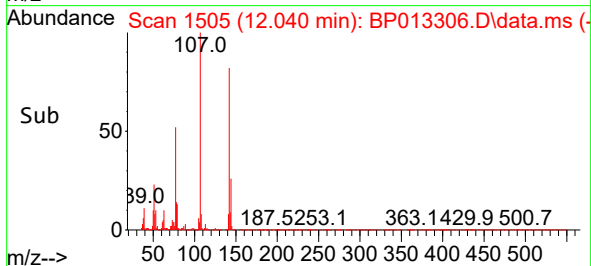
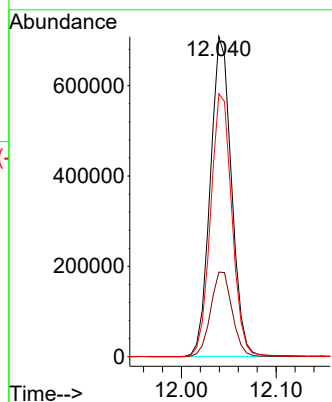
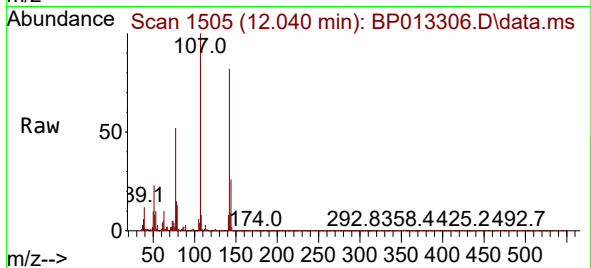




#35
4-Chloro-3-methylphenol
Concen: 35.469 ng/ul
RT: 12.040 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

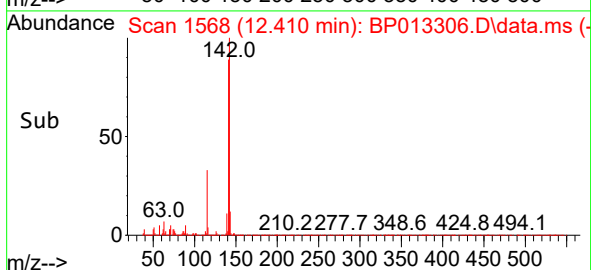
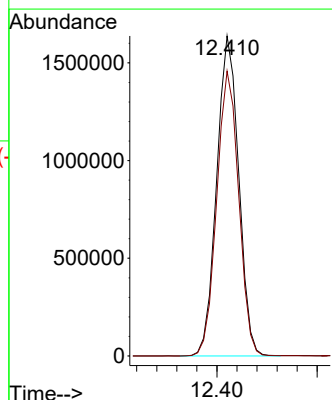
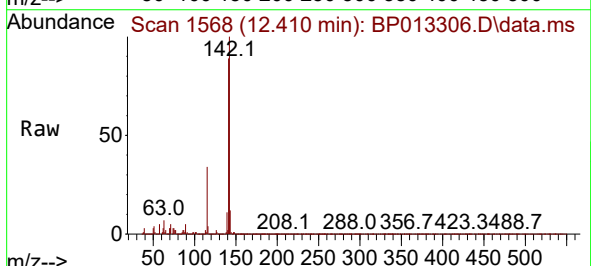
Instrument :
BNA_P
ClientSampleId :

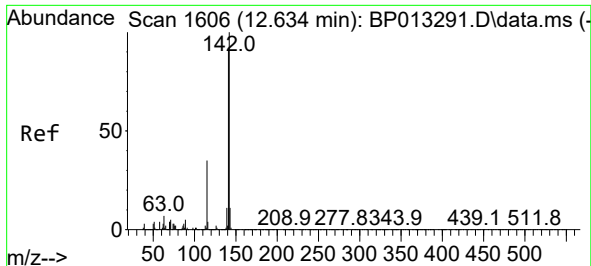
Tgt Ion:107 Resp: 1103730
Ion Ratio Lower Upper
107 100
144 26.4 21.4 32.2
142 82.2 65.8 98.6



#36
2-Methylnaphthalene
Concen: 35.892 ng/ul
RT: 12.410 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:142 Resp: 2494969
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2

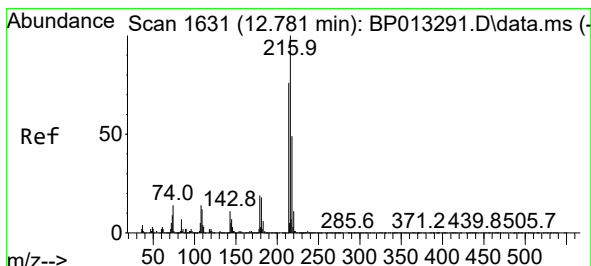
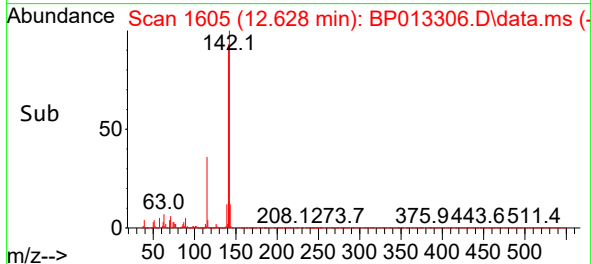
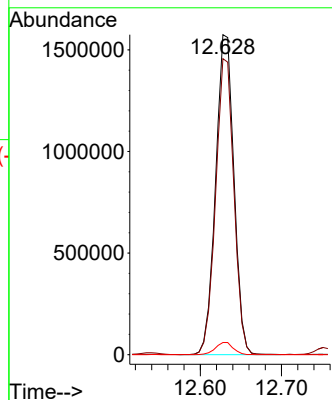
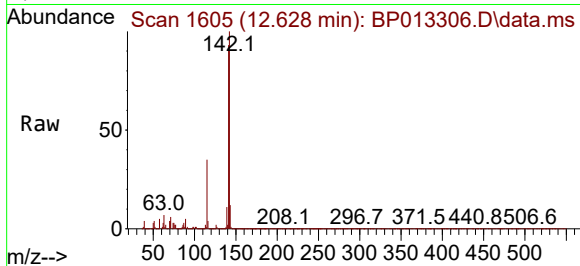




#37
1-Methylnaphthalene
Concen: 34.548 ng/ul
RT: 12.628 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

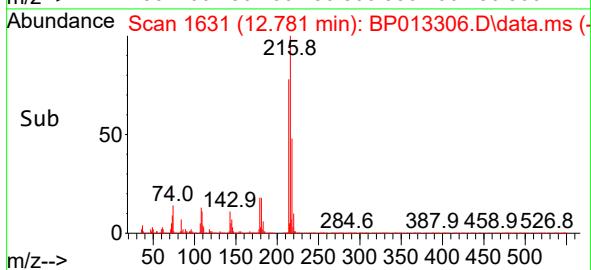
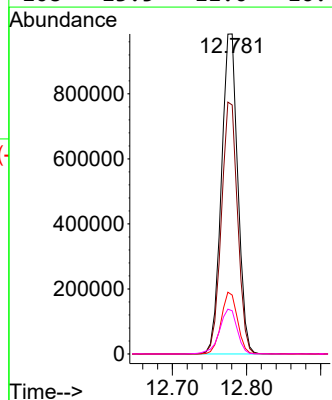
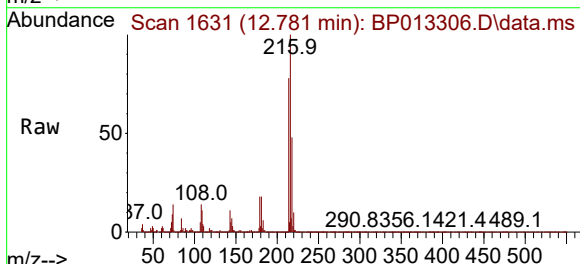
Instrument :
BNA_P
ClientSampleId :

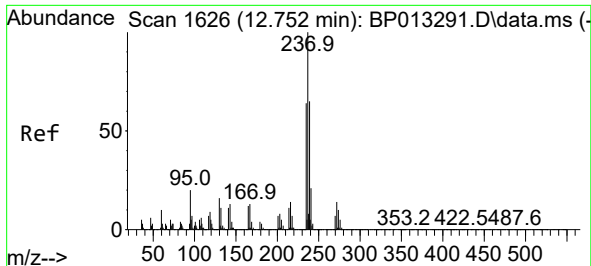
Tgt Ion:142 Resp: 2469724
Ion Ratio Lower Upper
142 100
141 92.5 72.7 109.1
116 3.8 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.652 ng/ul
RT: 12.781 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:216 Resp: 1511396
Ion Ratio Lower Upper
216 100
214 77.8 61.9 92.9
179 18.4 15.0 22.6
108 13.5 11.0 16.4

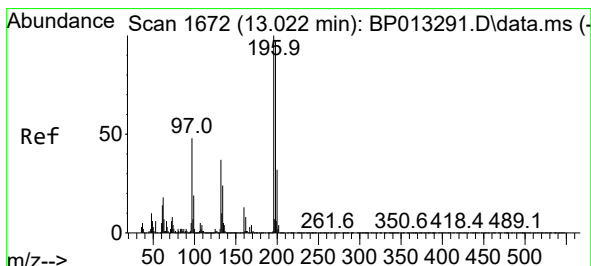
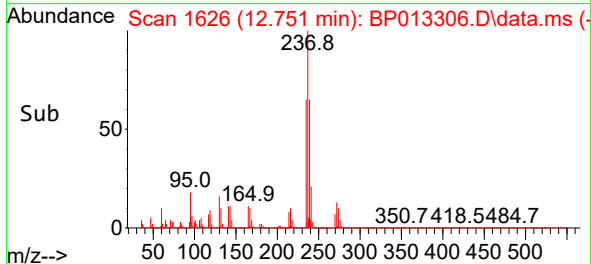
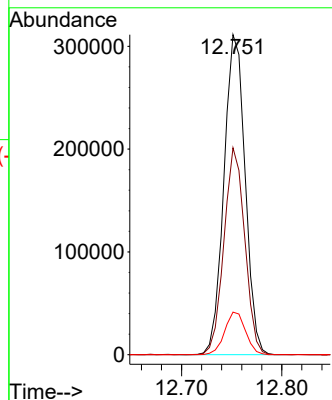
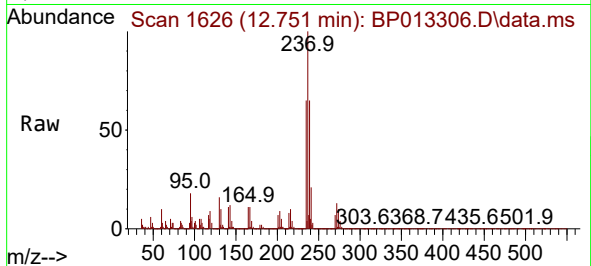




#40
Hexachlorocyclopentadiene
Concen: 20.264 ng/ul
RT: 12.751 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

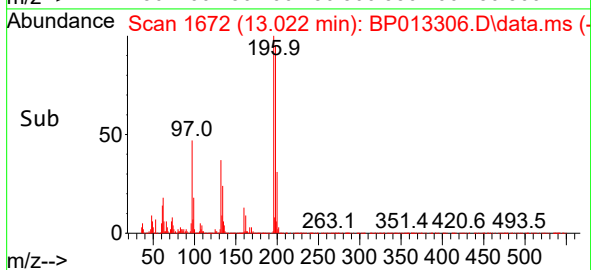
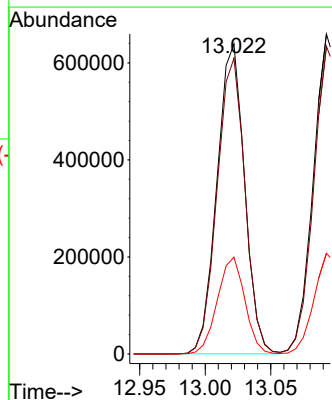
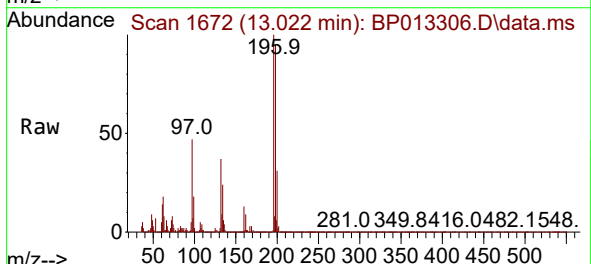
Instrument :
BNA_P
ClientSampleId :

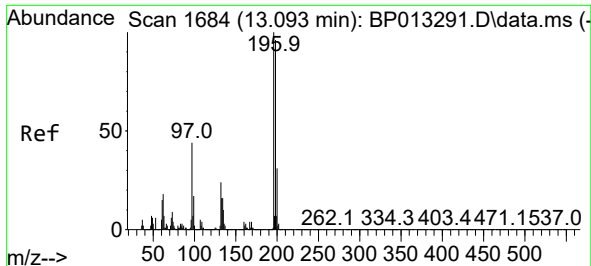
Tgt Ion:237 Resp: 456584
Ion Ratio Lower Upper
237 100
235 64.7 49.7 74.5
272 13.3 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 42.024 ng/ul
RT: 13.022 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:196 Resp: 935093
Ion Ratio Lower Upper
196 100
198 95.4 77.0 115.6
200 31.2 25.3 37.9

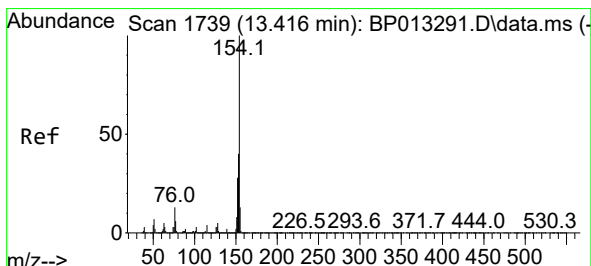
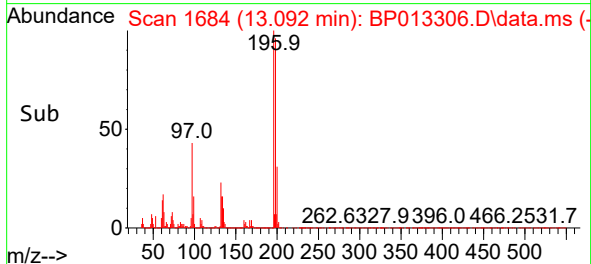
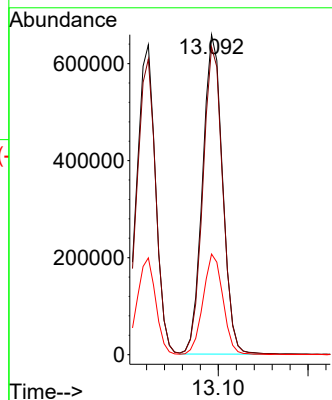
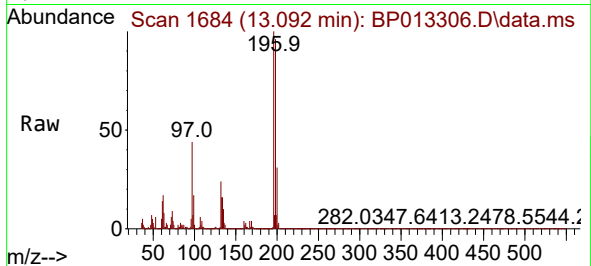




#42
2,4,5-Trichlorophenol
Concen: 42.574 ng/ul
RT: 13.092 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

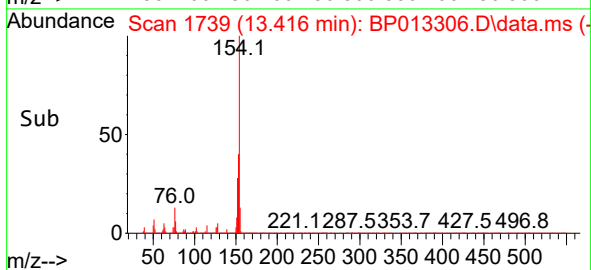
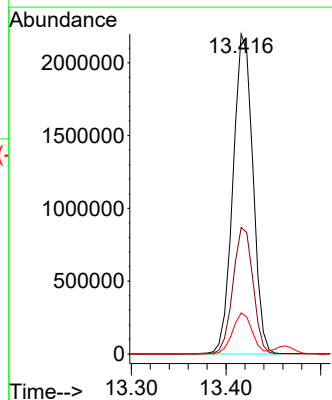
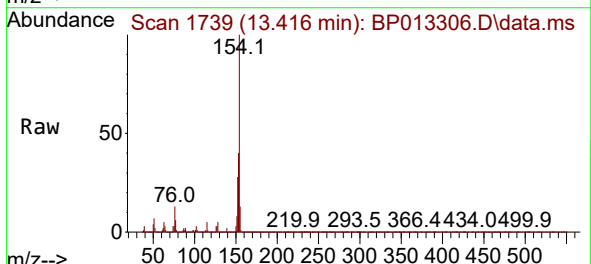
Instrument :
BNA_P
ClientSampleId :

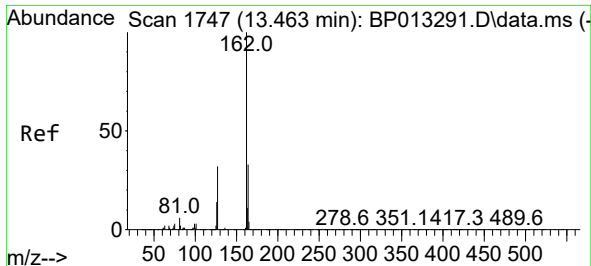
Tgt Ion:196 Resp: 1017579
Ion Ratio Lower Upper
196 100
198 96.1 77.1 115.7
200 31.4 25.4 38.2



#43
1,1'-Biphenyl
Concen: 39.770 ng/ul
RT: 13.416 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:154 Resp: 3211696
Ion Ratio Lower Upper
154 100
153 39.5 31.5 47.3
76 12.9 9.6 14.4

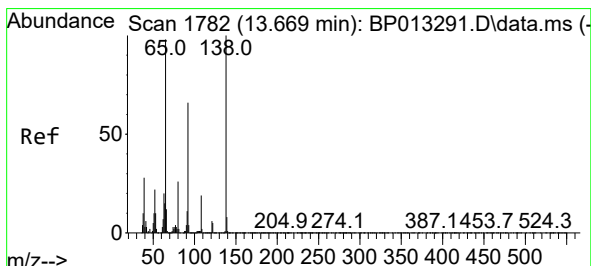
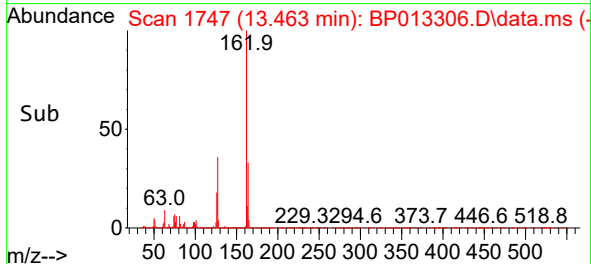
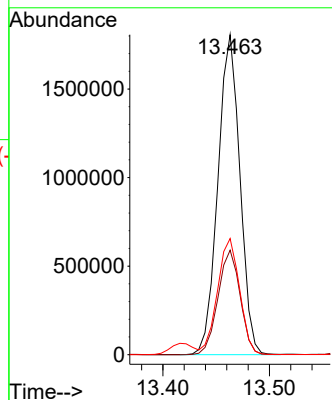
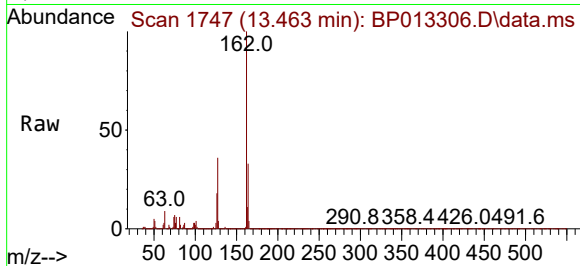




#44
2-Chloronaphthalene
Concen: 40.742 ng/ul
RT: 13.463 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

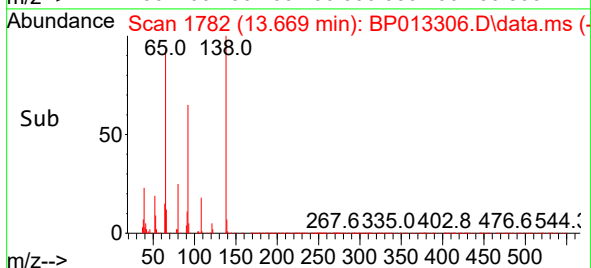
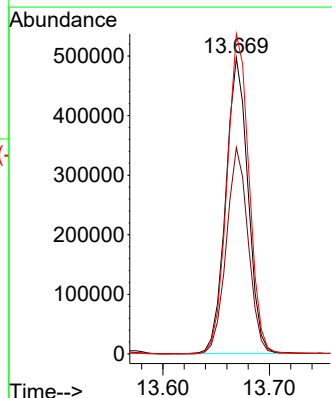
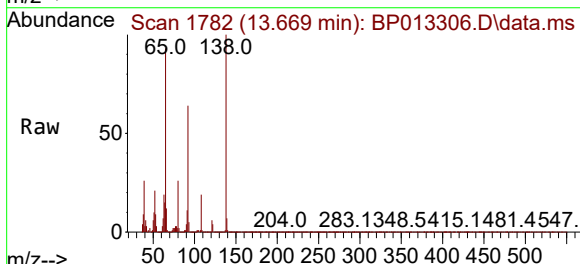
Instrument :
BNA_P
ClientSampleId :

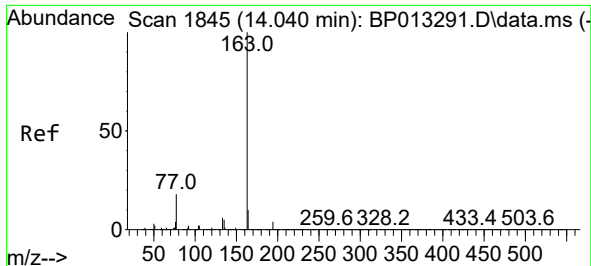
Tgt Ion:162 Resp: 2589470
Ion Ratio Lower Upper
162 100
164 32.6 26.3 39.5
127 36.3 29.3 43.9



#45
2-Nitroaniline
Concen: 46.649 ng/ul
RT: 13.669 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion: 65 Resp: 718862
Ion Ratio Lower Upper
65 100
92 69.7 56.4 84.6
138 108.0 90.3 135.5

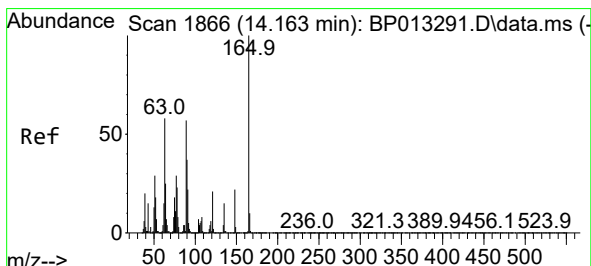
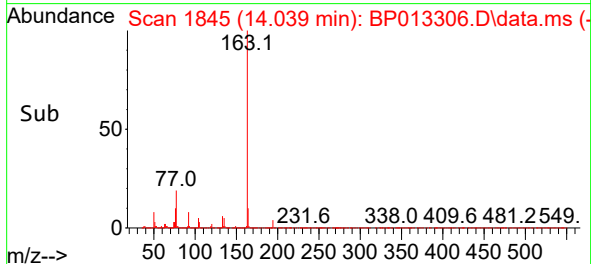
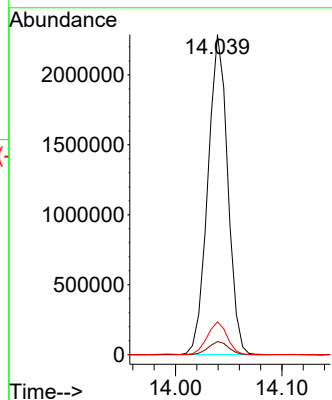
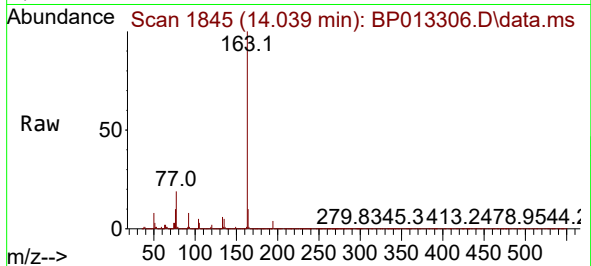




#47
Dimethylphthalate
Concen: 36.247 ng/ul
RT: 14.039 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

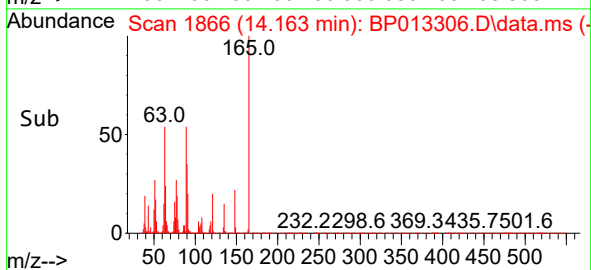
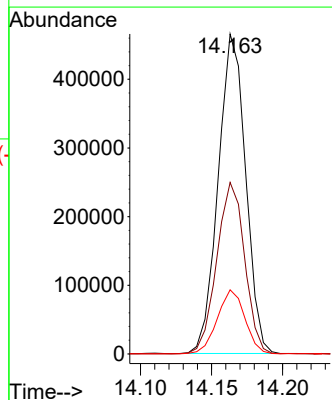
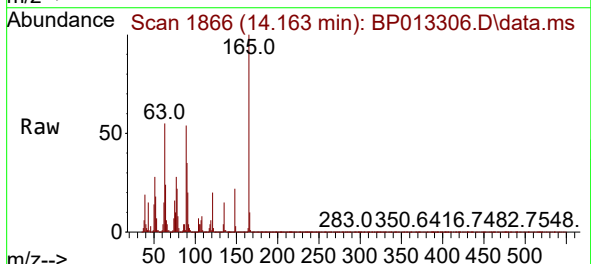
Instrument :
BNA_P
ClientSampleId :

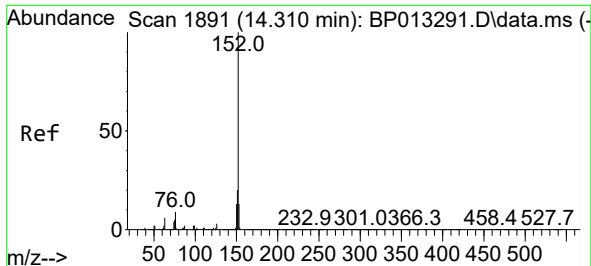
Tgt Ion:163 Resp: 2968827
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 41.053 ng/ul
RT: 14.163 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:165 Resp: 624893
Ion Ratio Lower Upper
165 100
89 53.6 43.0 64.4
121 20.1 16.1 24.1

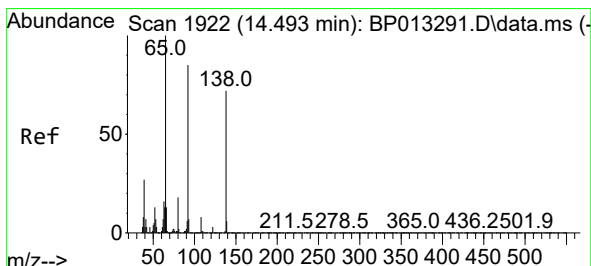
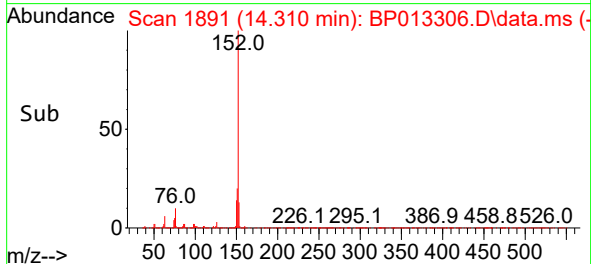
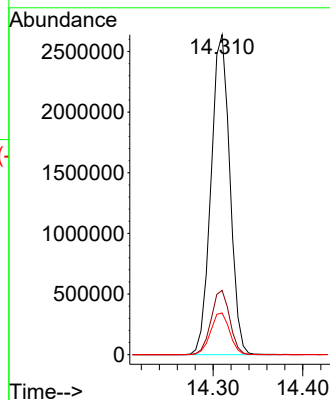
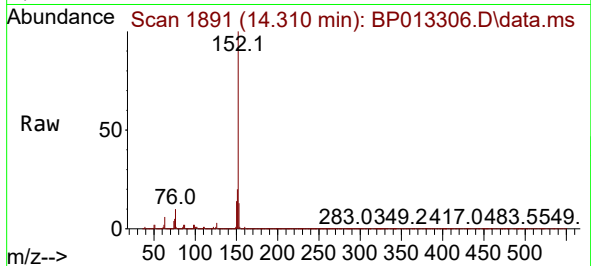




#50
Acenaphthylene
Concen: 39.365 ng/ul
RT: 14.310 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

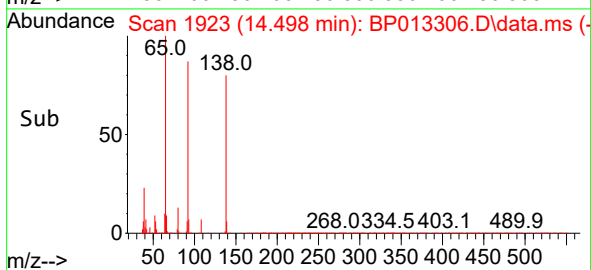
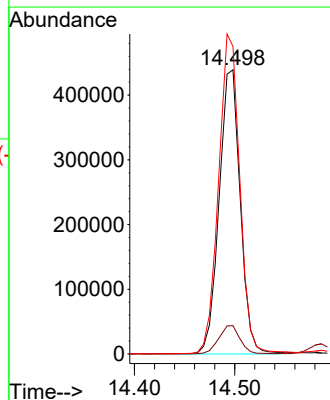
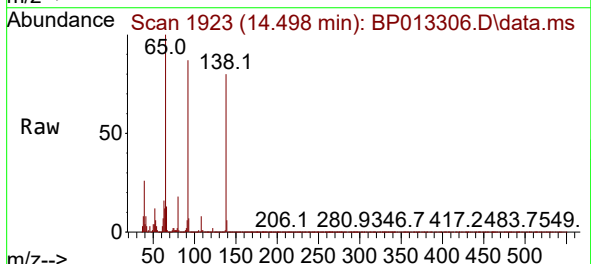
Instrument :
BNA_P
ClientSampleId :

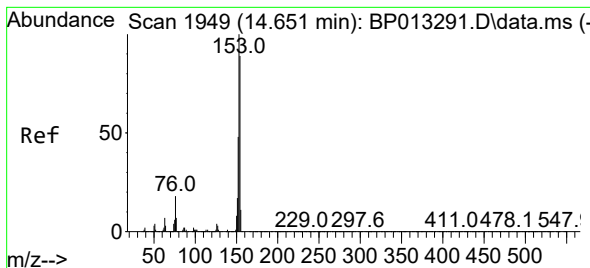
Tgt Ion:152 Resp: 3842989
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.0 10.6 16.0



#51
3-Nitroaniline
Concen: 44.652 ng/ul
RT: 14.498 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:138 Resp: 641784
Ion Ratio Lower Upper
138 100
108 10.0 8.6 13.0
92 108.2 88.4 132.6





#52

Acenaphthene

Concen: 39.092 ng/ul

RT: 14.651 min Scan# 1949

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

Instrument :

BNA_P

ClientSampleId :

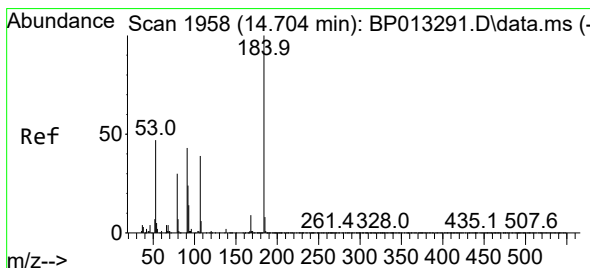
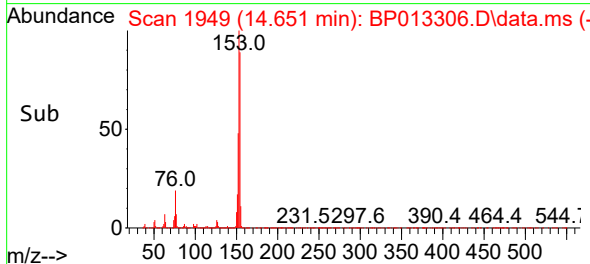
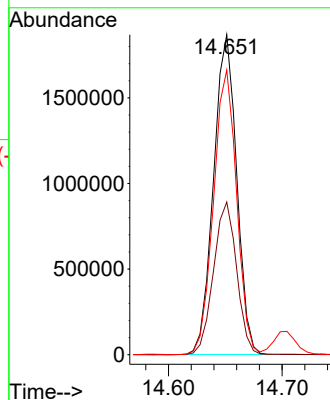
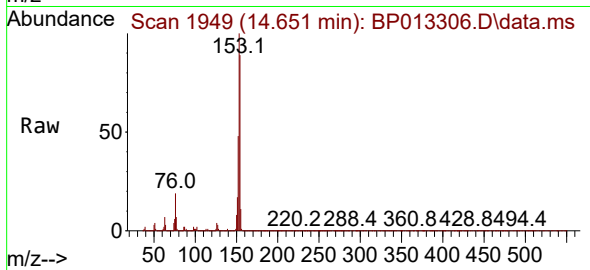
Tgt Ion:153 Resp: 2644613

Ion Ratio Lower Upper

153 100

152 47.7 38.2 57.4

154 89.0 70.8 106.2



#53

2,4-Dinitrophenol

Concen: 31.620 ng/ul

RT: 14.704 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

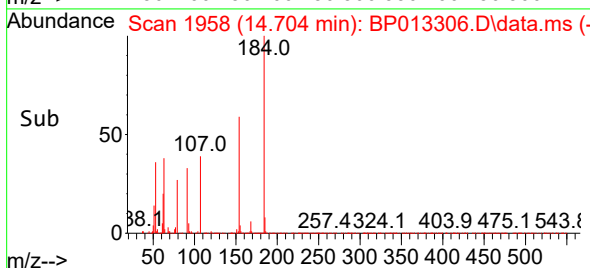
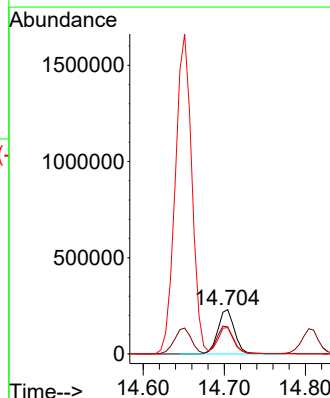
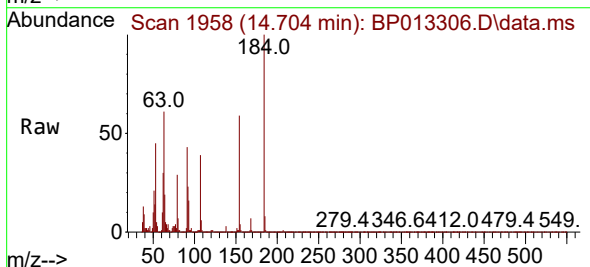
Tgt Ion:184 Resp: 328996

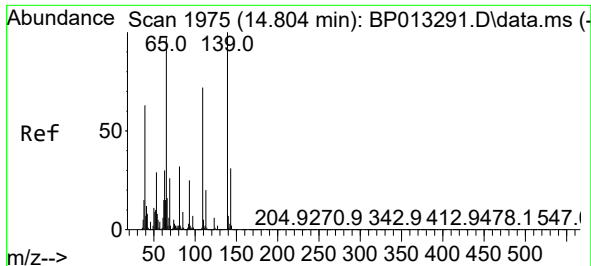
Ion Ratio Lower Upper

184 100

63 60.9 48.4 72.6

154 59.3 45.5 68.3

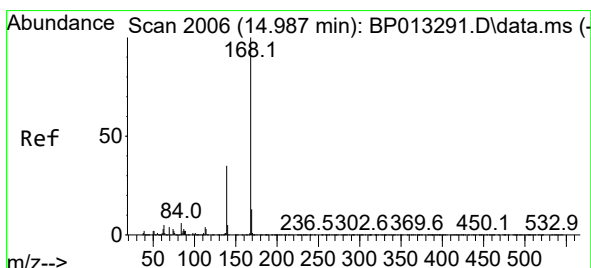
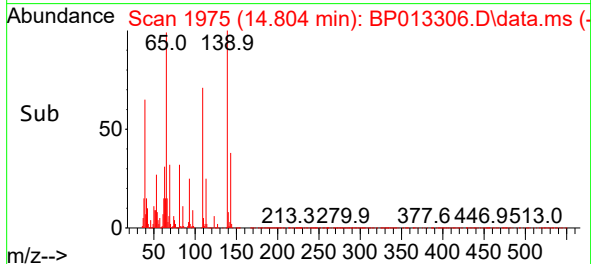
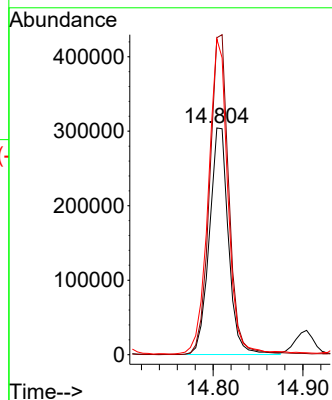
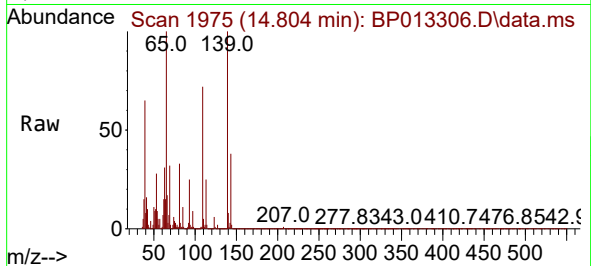




#55
4-Nitrophenol
Concen: 44.245 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

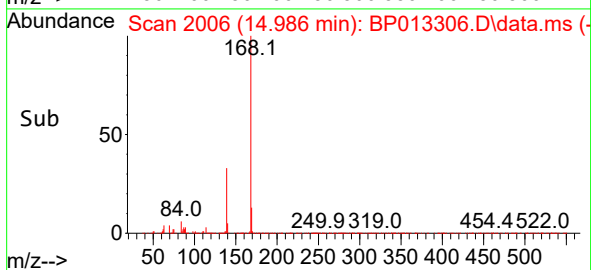
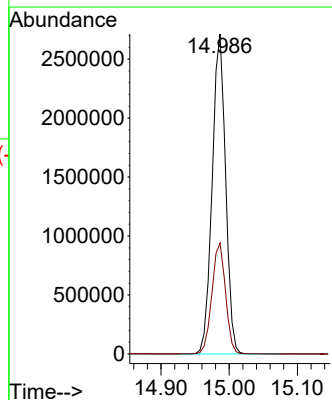
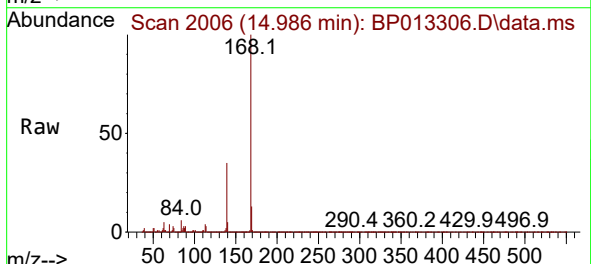
Instrument :
BNA_P
ClientSampleId :

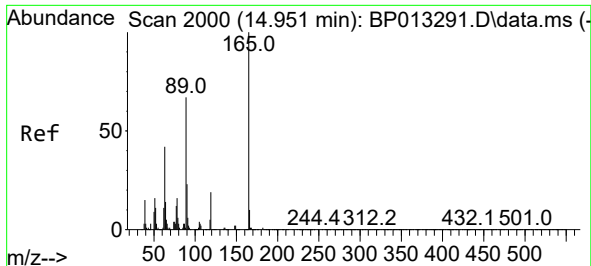
Tgt Ion:109 Resp: 448766
Ion Ratio Lower Upper
109 100
139 139.8 120.8 181.2
65 139.3 107.9 161.9



#56
Dibenzofuran
Concen: 38.648 ng/ul
RT: 14.986 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:168 Resp: 3717402
Ion Ratio Lower Upper
168 100
139 34.6 27.9 41.9





#57

2,4-Dinitrotoluene

Concen: 40.804 ng/ul

RT: 14.951 min Scan# 2000

Delta R.T. -0.006 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

Instrument :

BNA_P

ClientSampleId :

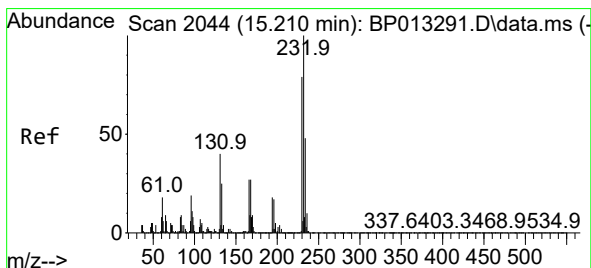
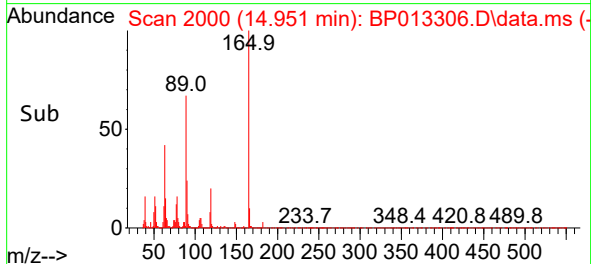
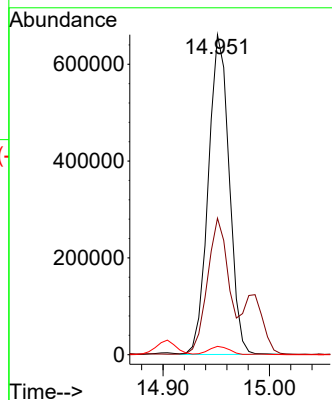
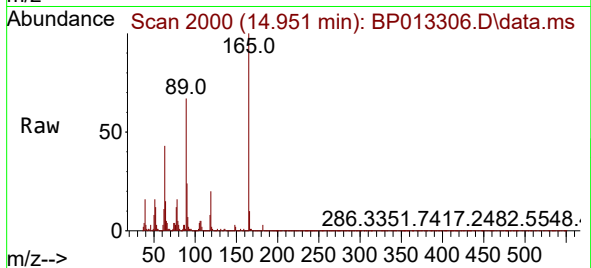
Tgt Ion:165 Resp: 902188

Ion Ratio Lower Upper

165 100

63 42.7 31.8 47.6

182 2.6 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.868 ng/ul

RT: 15.216 min Scan# 2045

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

Tgt Ion:232 Resp: 891418

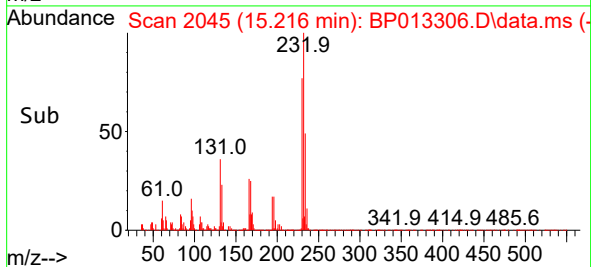
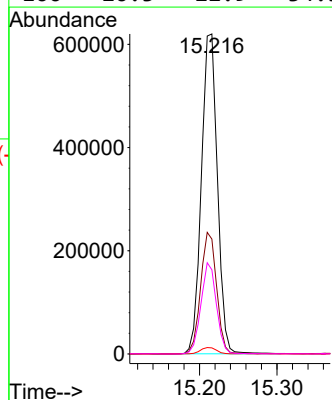
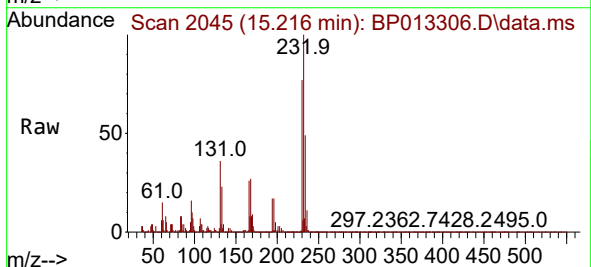
Ion Ratio Lower Upper

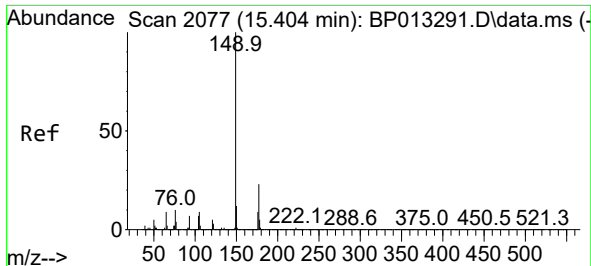
232 100

131 35.9 31.8 47.6

130 1.9 1.8 2.6

166 26.3 22.9 34.3

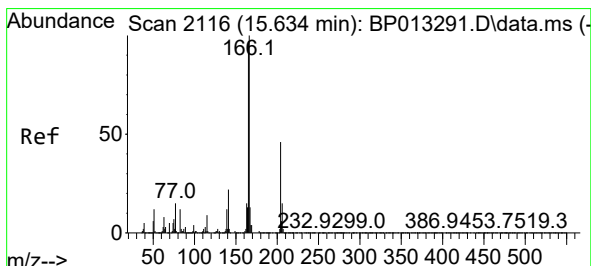
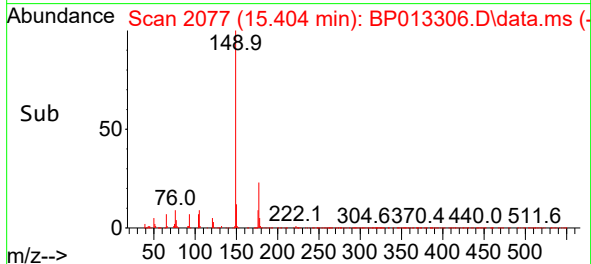
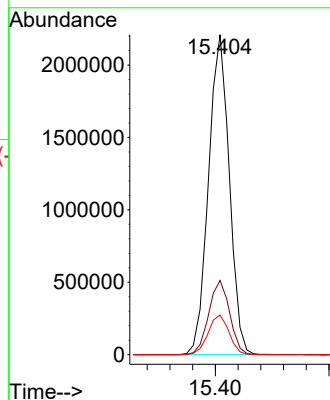
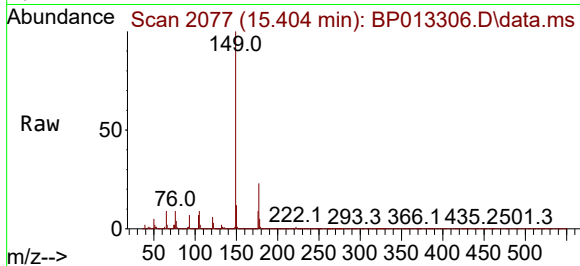




#59
Diethylphthalate
Concen: 35.196 ng/ul
RT: 15.404 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

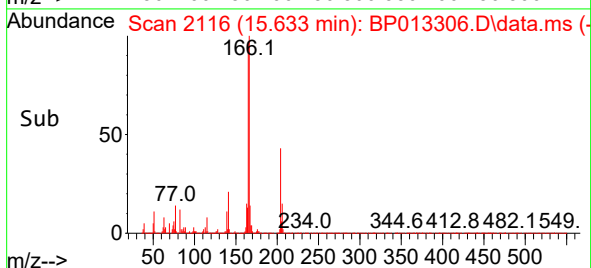
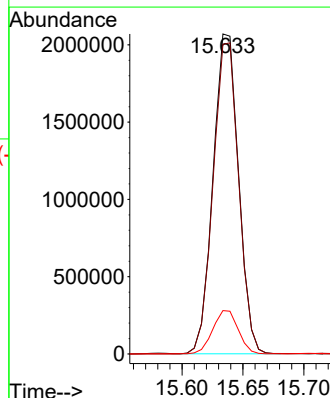
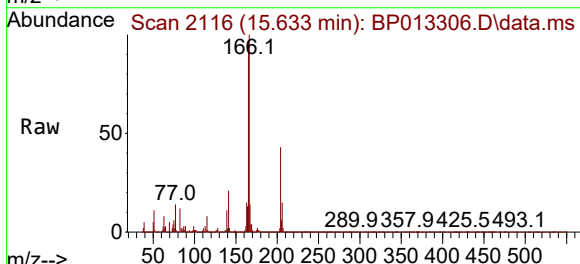
Instrument :
BNA_P
ClientSampleId :

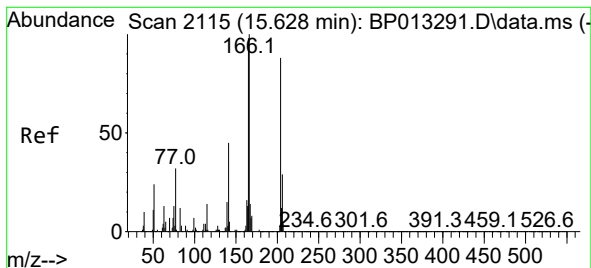
Tgt Ion:149 Resp: 2802358
Ion Ratio Lower Upper
149 100
177 23.2 18.4 27.6
150 12.4 9.9 14.9



#61
Fluorene
Concen: 39.150 ng/ul
RT: 15.633 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:166 Resp: 3019994
Ion Ratio Lower Upper
166 100
165 96.7 77.4 116.2
167 13.6 10.6 16.0

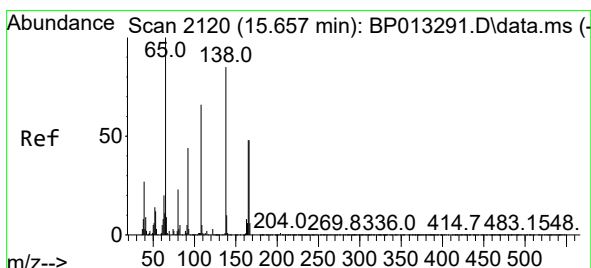
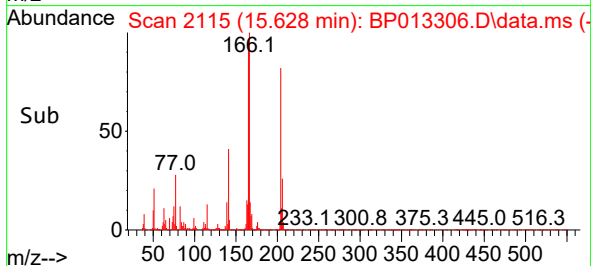
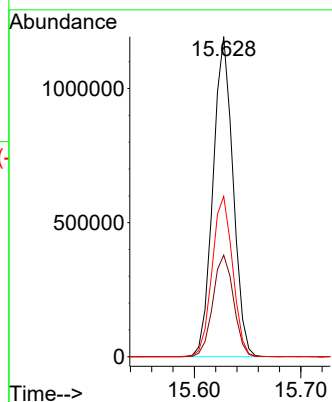
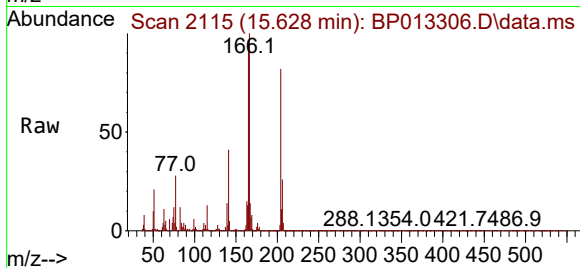




#62
4-Chlorophenyl-phenylether
Concen: 38.207 ng/ul
RT: 15.628 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

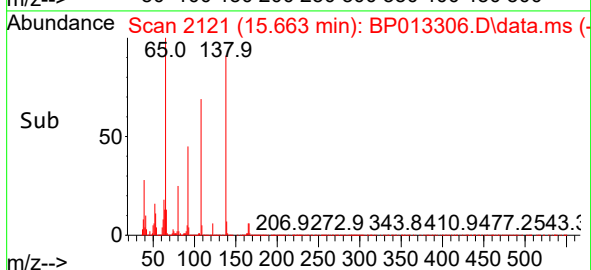
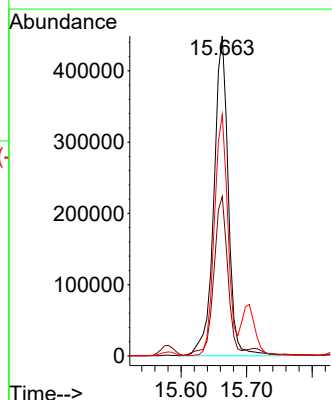
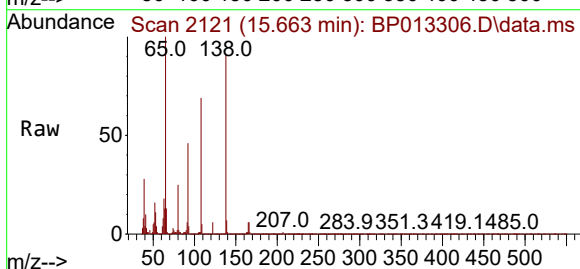
Instrument :
BNA_P
ClientSampleId :

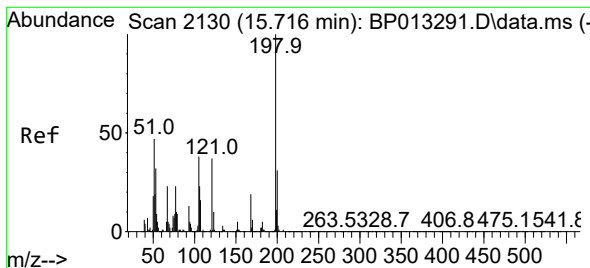
Tgt Ion:204 Resp: 1558594
Ion Ratio Lower Upper
204 100
206 31.8 26.3 39.5
141 50.1 40.4 60.6



#63
4-Nitroaniline
Concen: 54.301 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:138 Resp: 686769
Ion Ratio Lower Upper
138 100
92 49.9 39.0 58.4
108 75.4 55.1 82.7

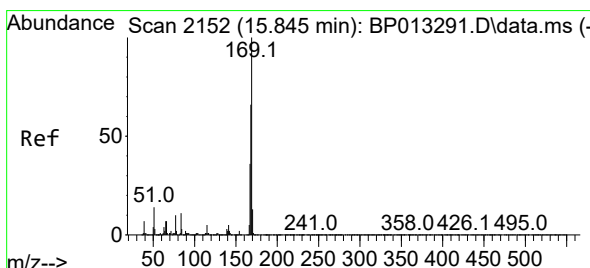
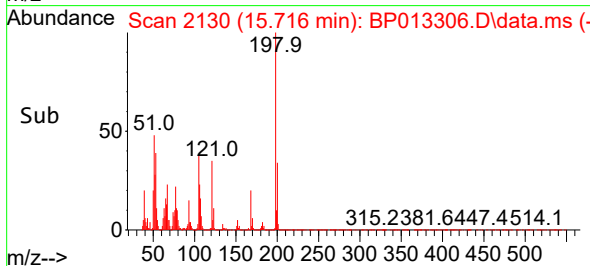
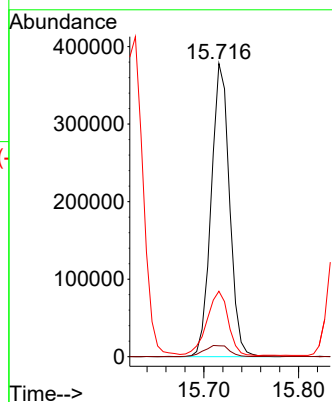
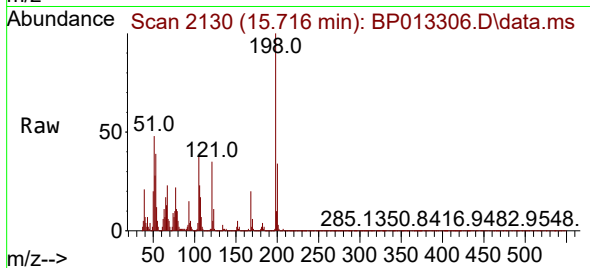




#66
4,6-Dinitro-2-methylphenol
Concen: 32.710 ng/ul
RT: 15.716 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

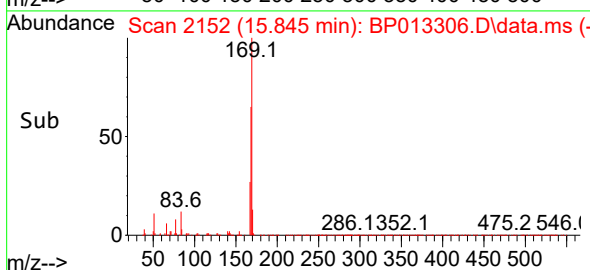
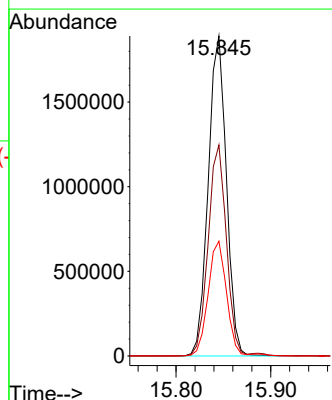
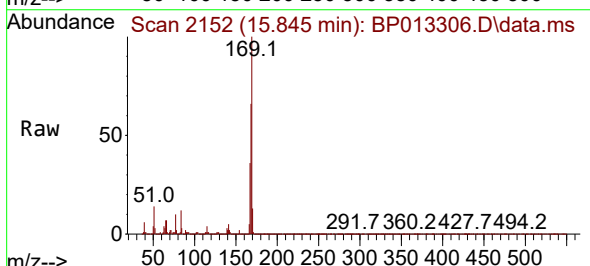
Instrument :
BNA_P
ClientSampleId :

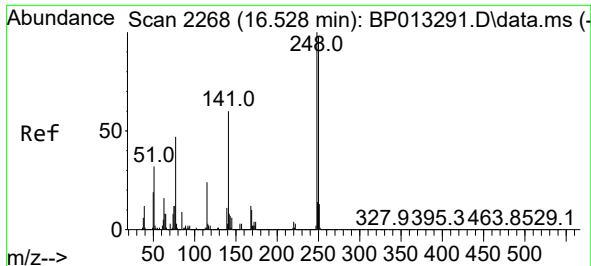
Tgt Ion:198 Resp: 506863
Ion Ratio Lower Upper
198 100
182 3.7 3.3 4.9
77 22.3 16.6 25.0



#67
N-Nitrosodiphenylamine
Concen: 36.859 ng/ul
RT: 15.845 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:169 Resp: 2518026
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.6
167 35.9 29.1 43.7

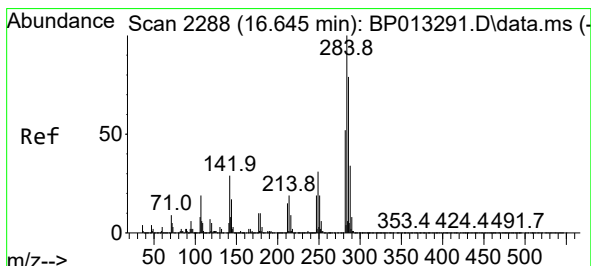
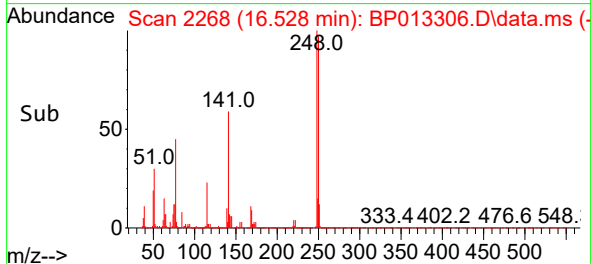
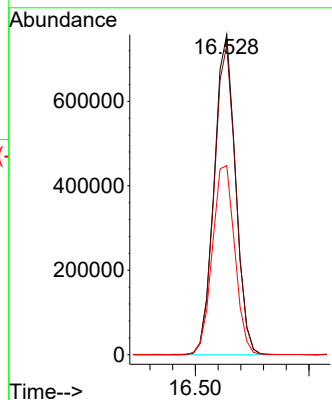
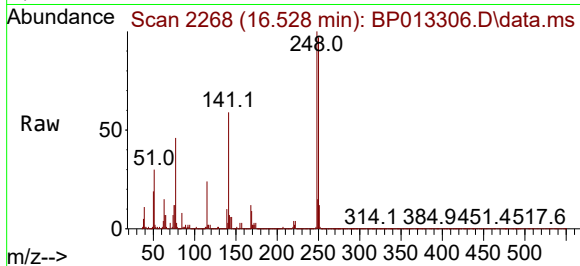




#68
4-Bromophenyl-phenylether
Concen: 36.956 ng/ul
RT: 16.528 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

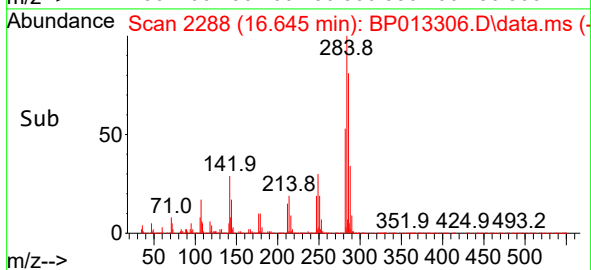
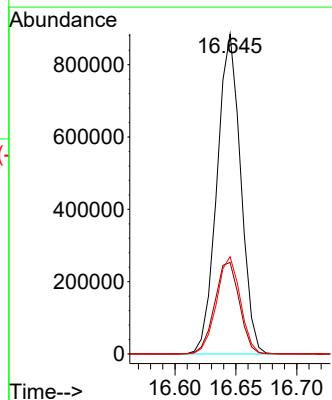
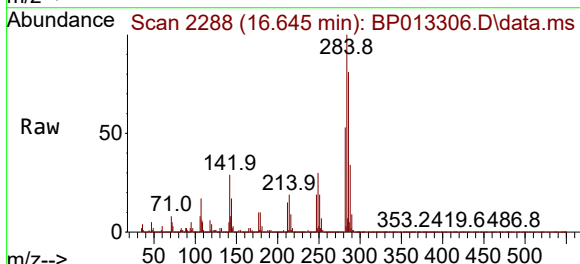
Instrument :
BNA_P
ClientSampleId :

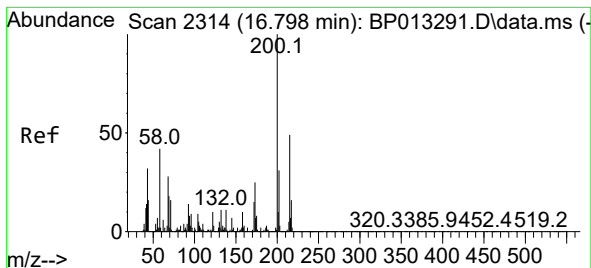
Tgt Ion:248 Resp: 988934
Ion Ratio Lower Upper
248 100
250 96.7 77.4 116.0
141 59.1 48.3 72.5



#69
Hexachlorobenzene
Concen: 37.633 ng/ul
RT: 16.645 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:284 Resp: 1195732
Ion Ratio Lower Upper
284 100
142 28.6 22.6 34.0
249 30.4 24.6 37.0





#70

Atrazine

Concen: 35.819 ng/ul

RT: 16.798 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

Instrument :

BNA_P

ClientSampleId :

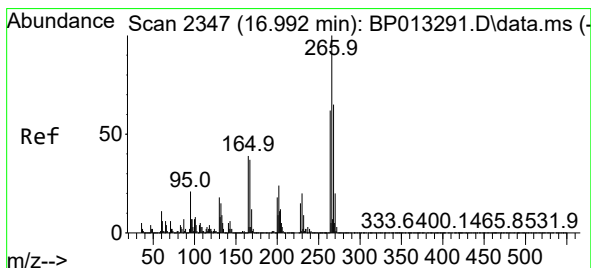
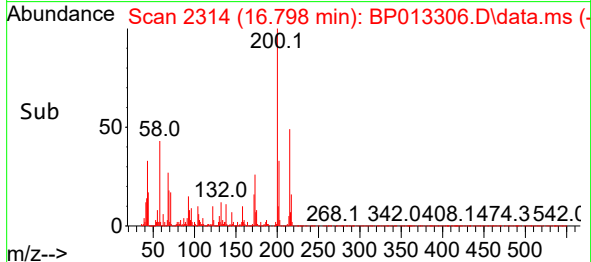
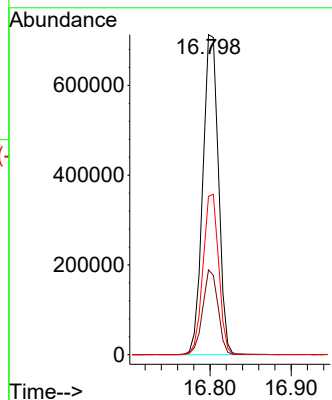
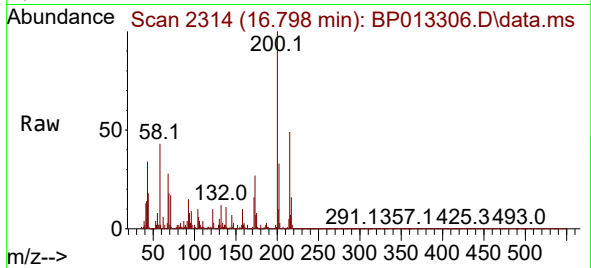
Tgt Ion:200 Resp: 953563

Ion Ratio Lower Upper

200 100

173 26.5 20.5 30.7

215 49.5 39.9 59.9



#71

Pentachlorophenol

Concen: 40.571 ng/ul

RT: 16.992 min Scan# 2347

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

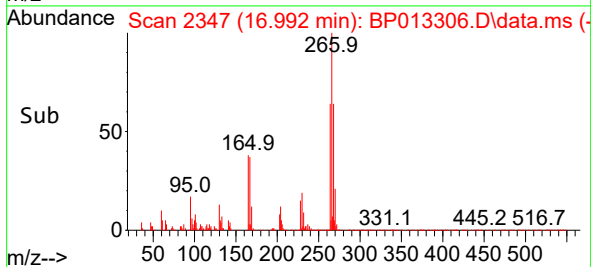
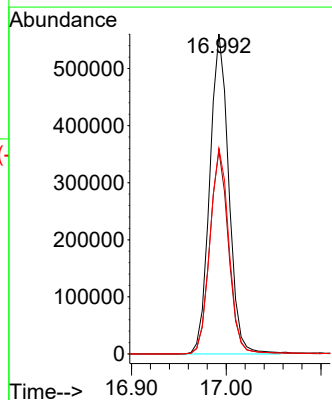
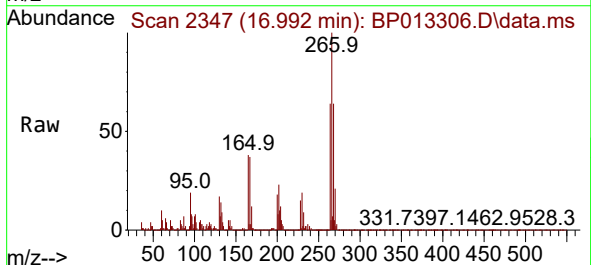
Tgt Ion:266 Resp: 780678

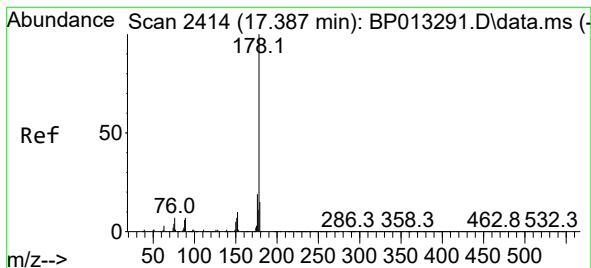
Ion Ratio Lower Upper

266 100

264 63.5 50.9 76.3

268 64.3 51.4 77.2





#72

Phenanthrene

Concen: 39.325 ng/ul

RT: 17.386 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

Instrument :

BNA_P

ClientSampleId :

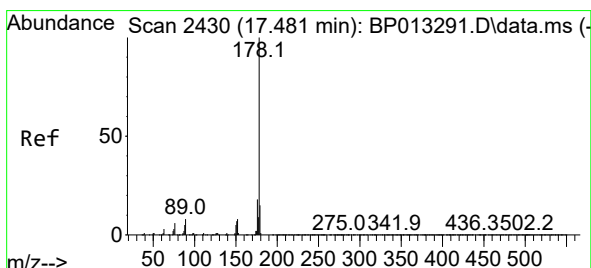
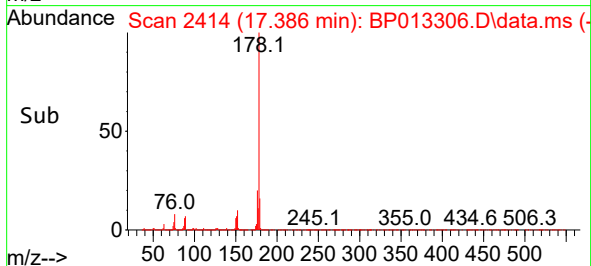
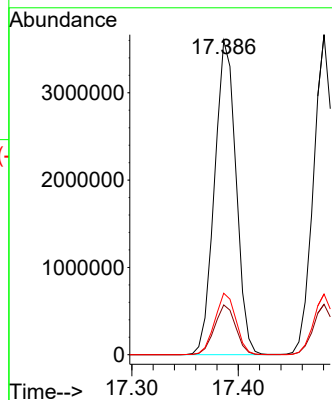
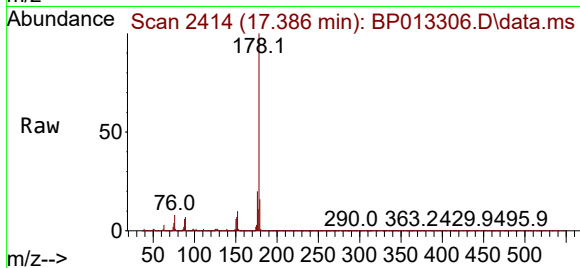
Tgt Ion:178 Resp: 5047107

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 19.6 15.4 23.0



#74

Anthracene

Concen: 37.710 ng/ul

RT: 17.480 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

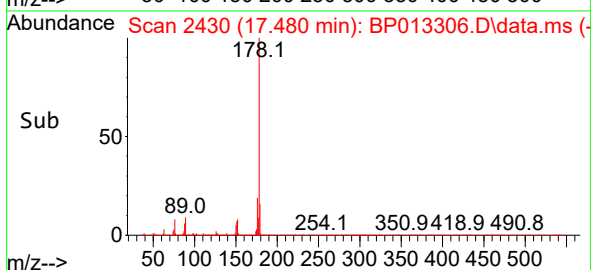
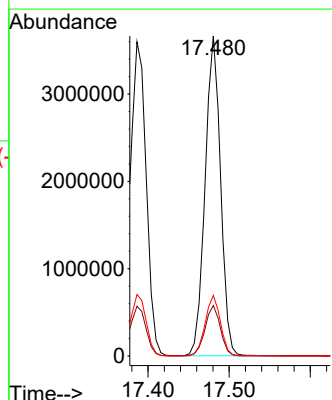
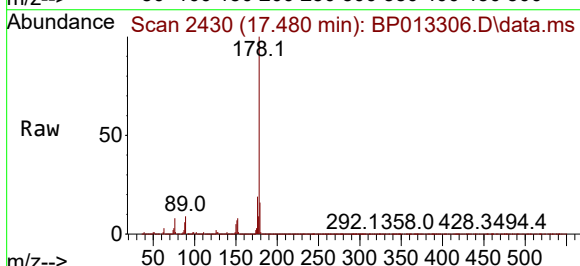
Tgt Ion:178 Resp: 4832553

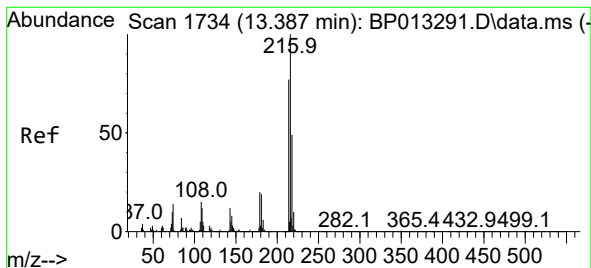
Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 18.9 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 42.294 ng/uL

RT: 13.387 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

Instrument :

BNA_P

ClientSampleId :

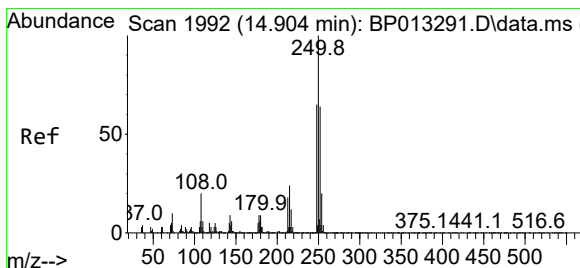
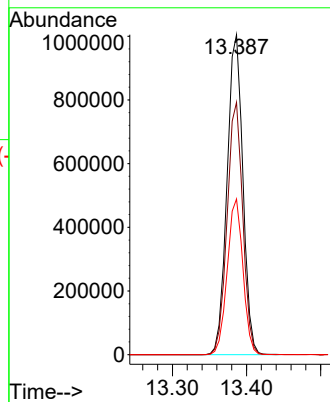
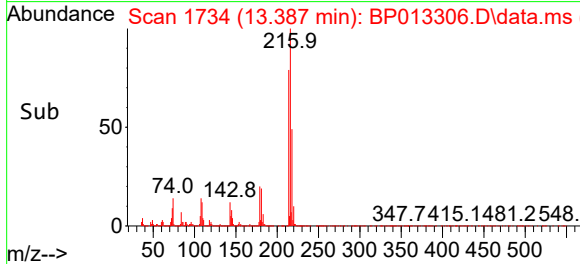
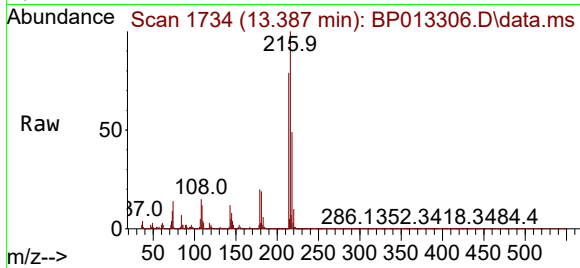
Tgt Ion:216 Resp: 1486855

Ion Ratio Lower Upper

216 100

214 78.9 62.2 93.2

218 48.7 38.9 58.3



#76

Pentachlorobenzene

Concen: 37.496 ng/uL

RT: 14.904 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

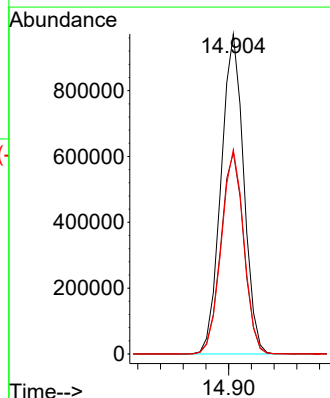
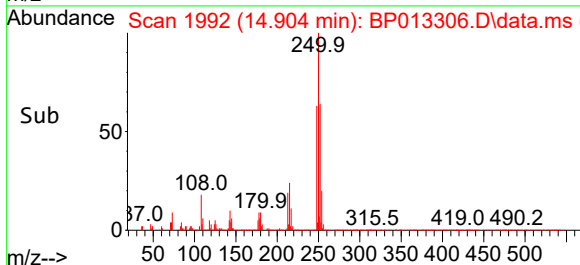
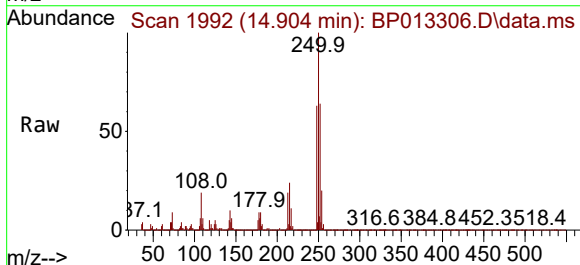
Tgt Ion:250 Resp: 1343983

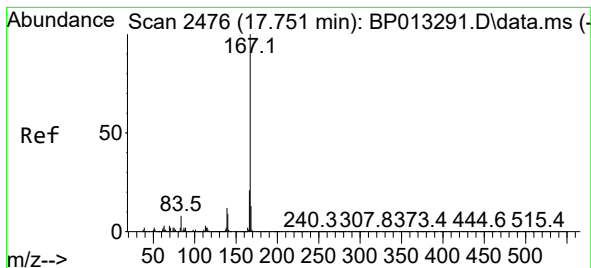
Ion Ratio Lower Upper

250 100

248 62.9 50.6 76.0

252 63.9 51.1 76.7





#77

Carbazole

Concen: 43.685 ng/ul

RT: 17.751 min Scan# 2476

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

Instrument :

BNA_P

ClientSampleId :

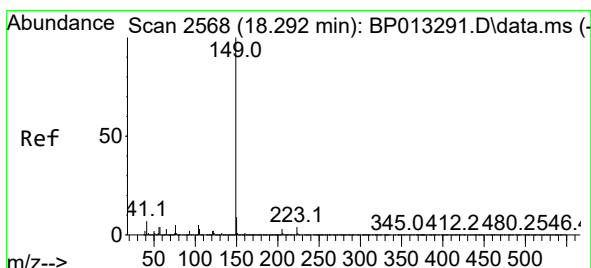
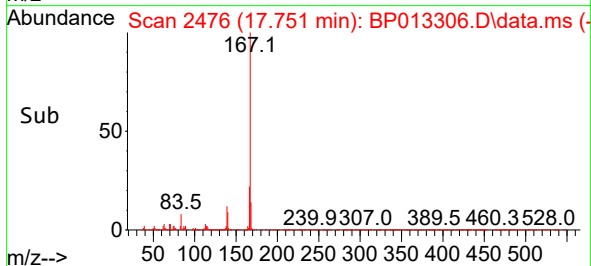
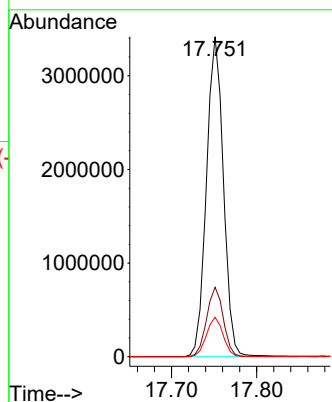
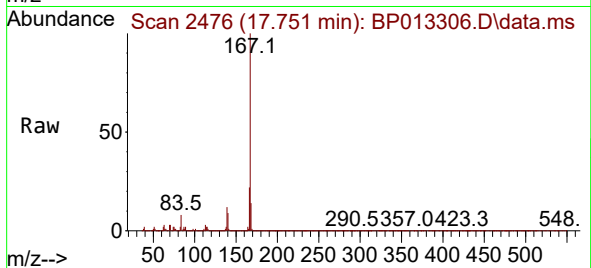
Tgt Ion:167 Resp: 4714622

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 12.3 9.4 14.2



#78

Di-n-butylphthalate

Concen: 38.434 ng/ul

RT: 18.292 min Scan# 2568

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

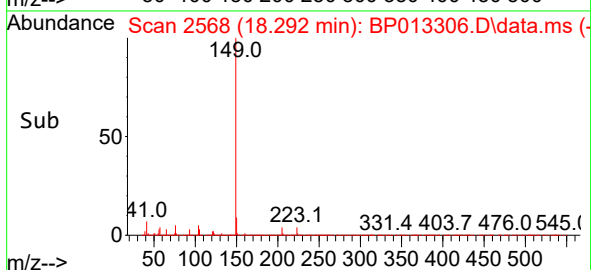
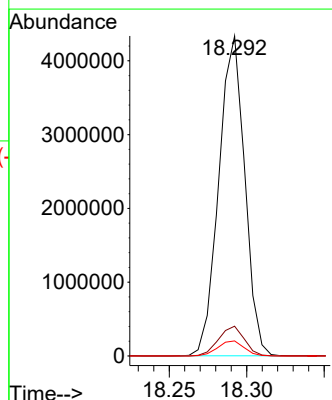
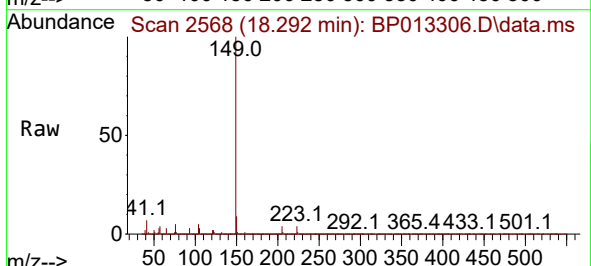
Tgt Ion:149 Resp: 5050456

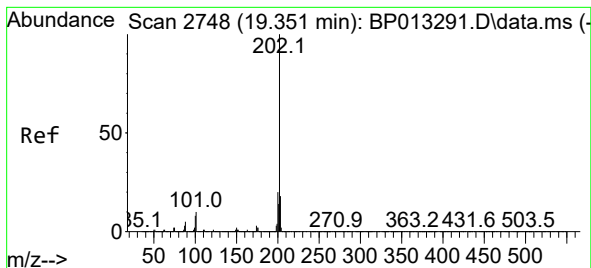
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.7 3.8 5.6





#80

Fluoranthene

Concen: 37.973 ng/ul

RT: 19.351 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

Instrument :

BNA_P

ClientSampleId :

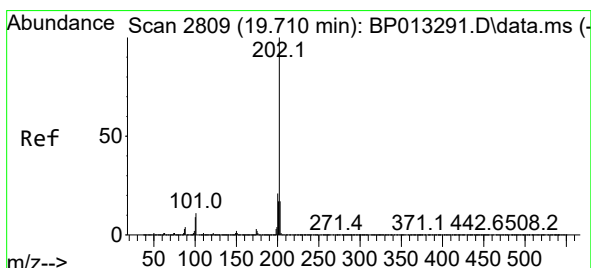
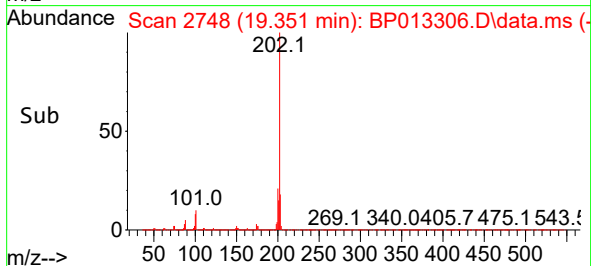
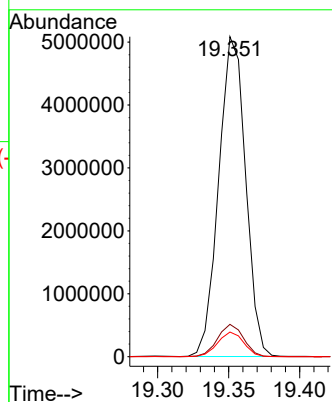
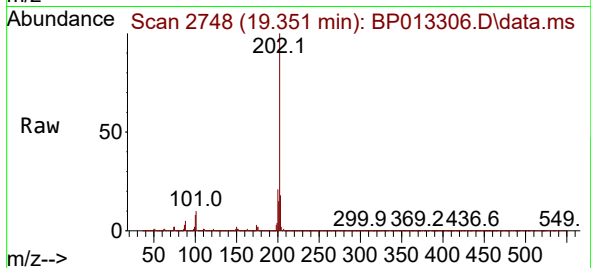
Tgt Ion:202 Resp: 6687457

Ion Ratio Lower Upper

202 100

101 10.1 8.2 12.2

100 7.7 6.1 9.1



#82

Pyrene

Concen: 37.936 ng/ul

RT: 19.710 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

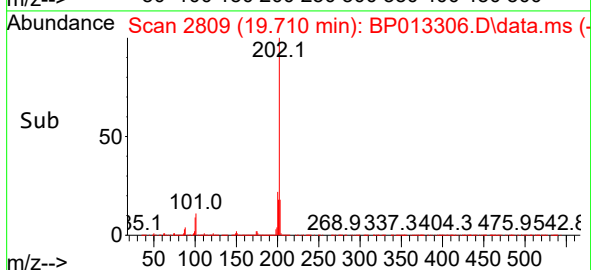
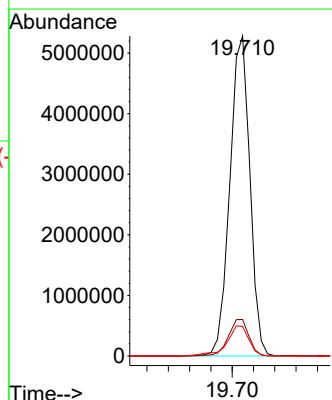
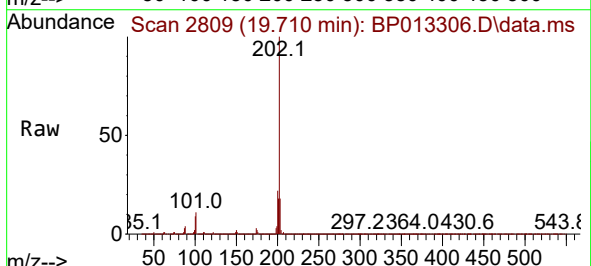
Tgt Ion:202 Resp: 6891644

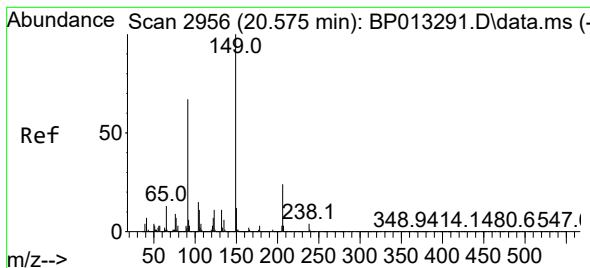
Ion Ratio Lower Upper

202 100

101 11.4 9.4 14.2

100 9.2 7.8 11.8





#83

Butylbenzylphthalate

Concen: 38.243 ng/ul

RT: 20.569 min Scan# 2956

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

Instrument :

BNA_P

ClientSampleId :

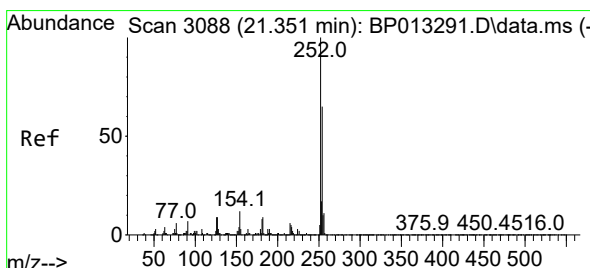
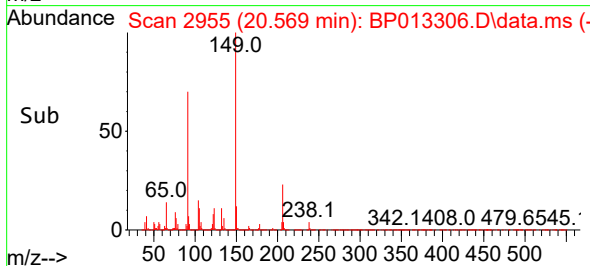
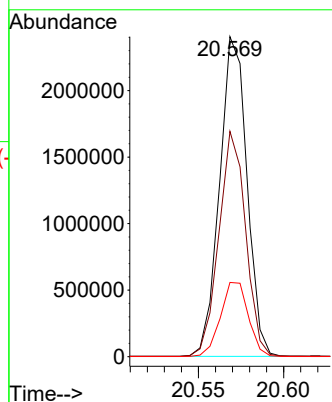
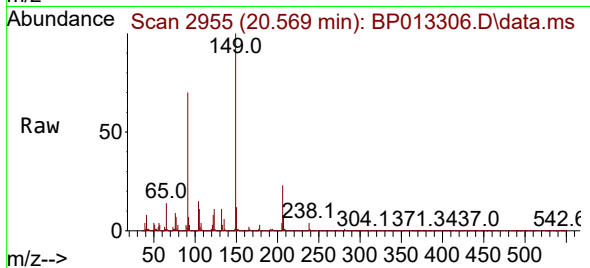
Tgt Ion:149 Resp: 2684004

Ion Ratio Lower Upper

149 100

91 70.4 53.4 80.0

206 23.2 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 26.630 ng/ul

RT: 21.351 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

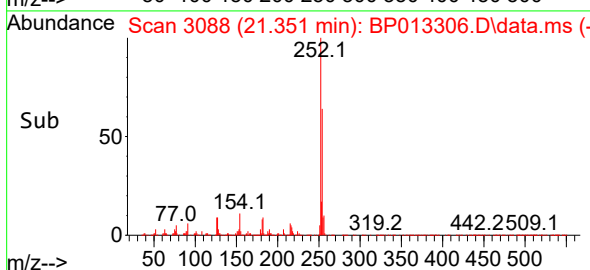
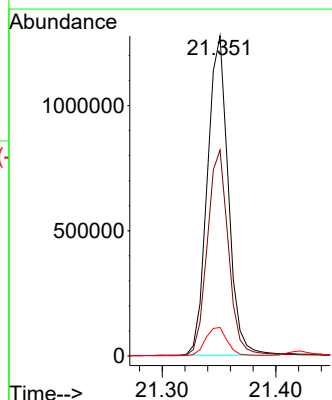
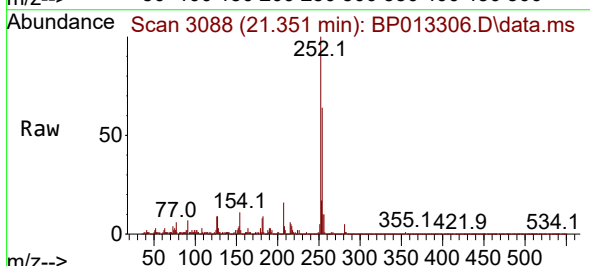
Tgt Ion:252 Resp: 1626236

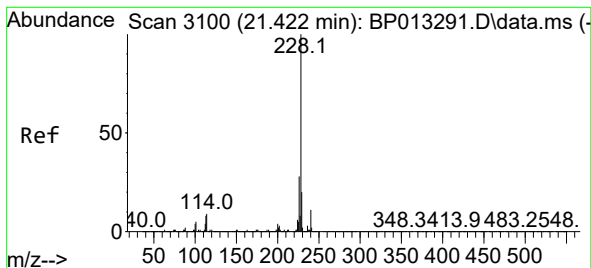
Ion Ratio Lower Upper

252 100

254 64.3 51.8 77.8

126 8.9 7.4 11.2





#85

Benzo(a)anthracene

Concen: 40.288 ng/ul

RT: 21.421 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

Instrument :

BNA_P

ClientSampleId :

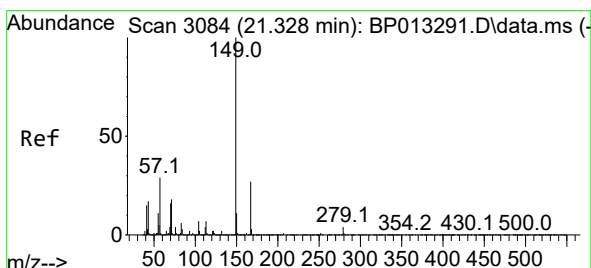
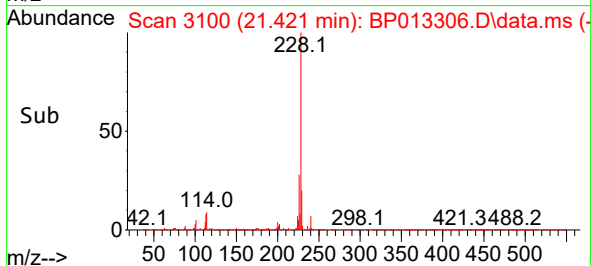
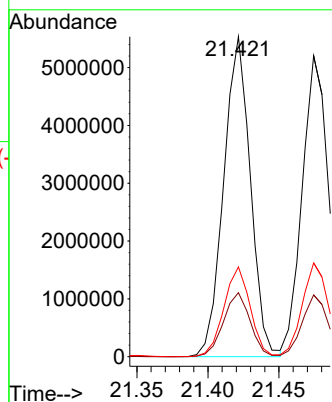
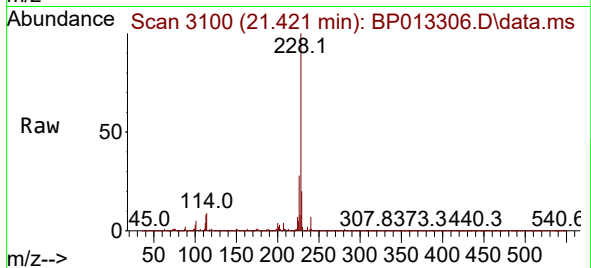
Tgt Ion:228 Resp: 7229955

Ion Ratio Lower Upper

228 100

229 20.0 16.1 24.1

226 28.0 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 39.247 ng/ul

RT: 21.327 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

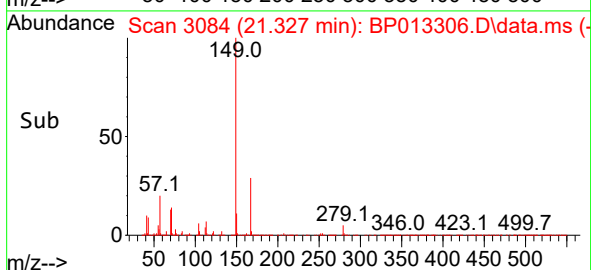
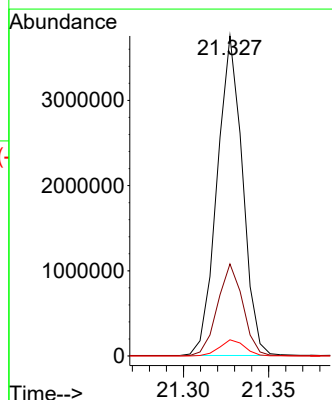
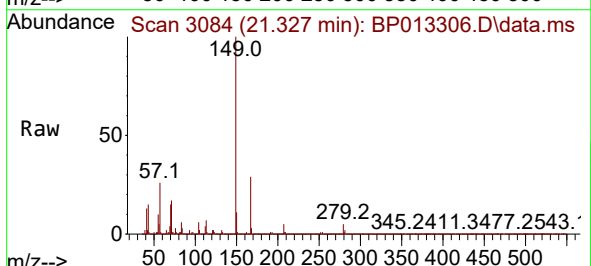
Tgt Ion:149 Resp: 3885416

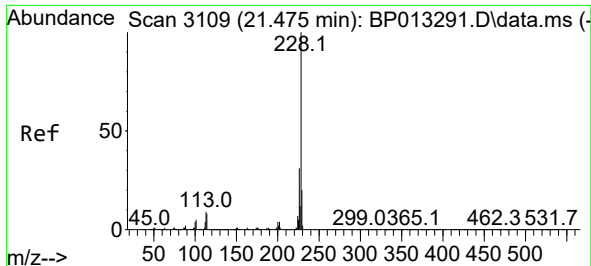
Ion Ratio Lower Upper

149 100

167 28.7 22.5 33.7

279 5.0 3.8 5.8





#87

Chrysene

Concen: 39.429 ng/ul

RT: 21.474 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

Instrument :

BNA_P

ClientSampleId :

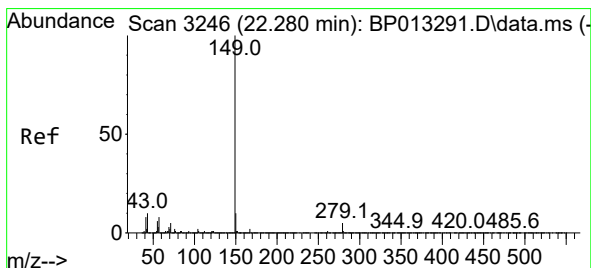
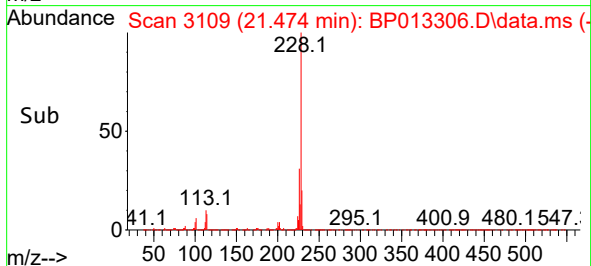
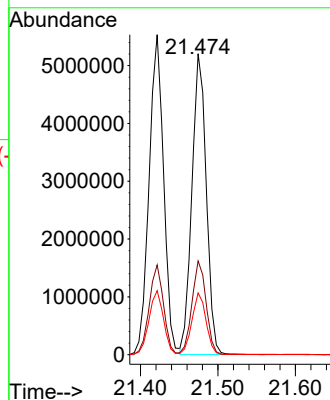
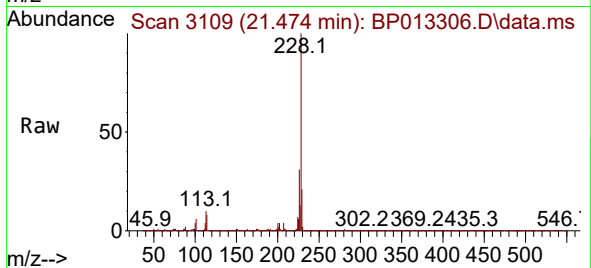
Tgt Ion:228 Resp: 6691319

Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

229 20.5 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 39.095 ng/ul

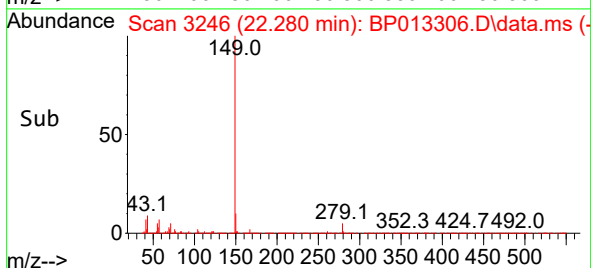
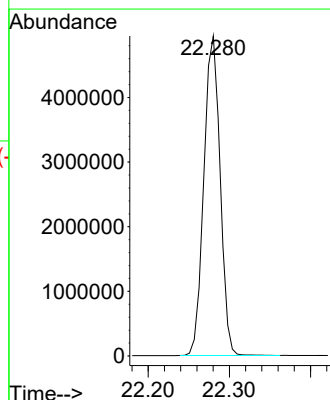
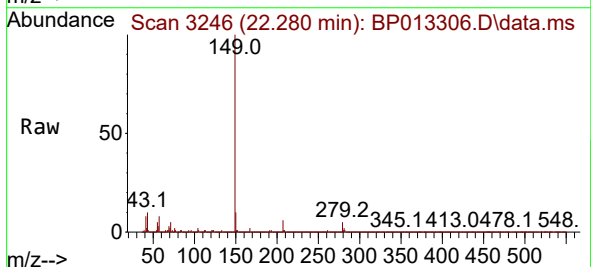
RT: 22.280 min Scan# 3246

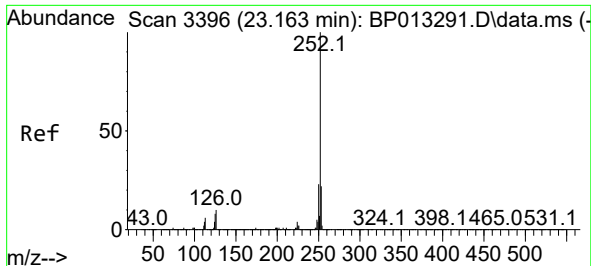
Delta R.T. 0.000 min

Lab File: BP013306.D

Acq: 24 Dec 2022 18:38

Tgt Ion:149 Resp: 6890637

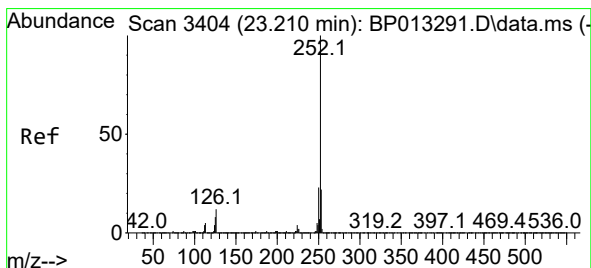
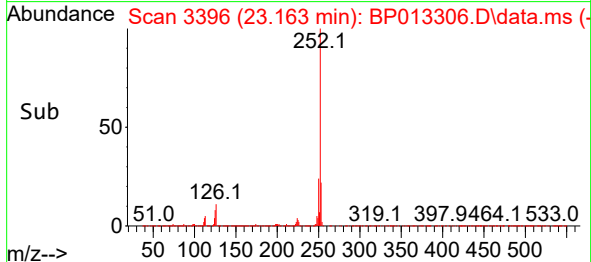
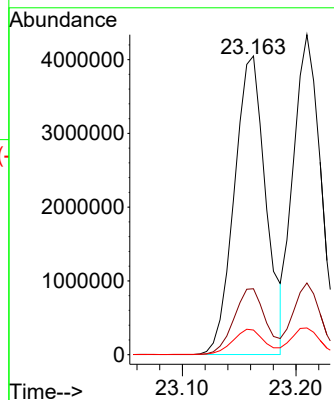
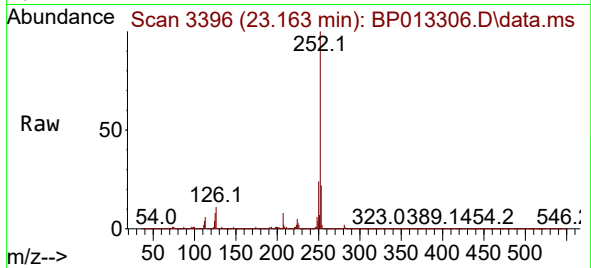




#90
Benzo(b)fluoranthene
Concen: 39.040 ng/ul
RT: 23.163 min Scan# 3396
Delta R.T. 0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

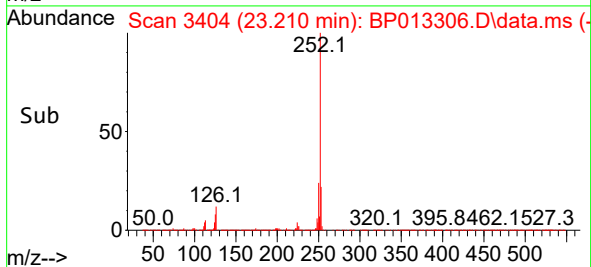
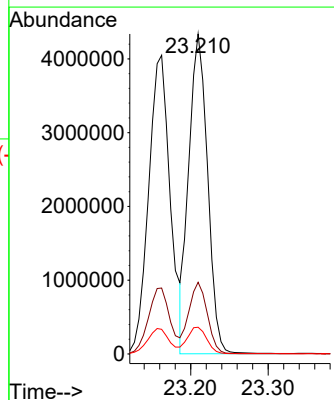
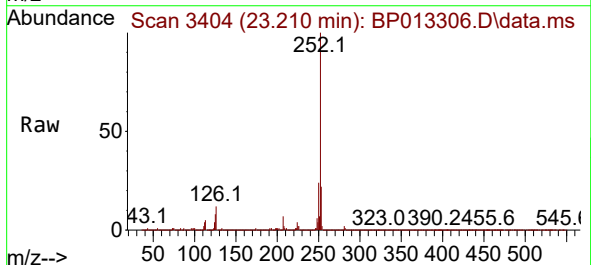
Instrument :
BNA_P
ClientSampleId :

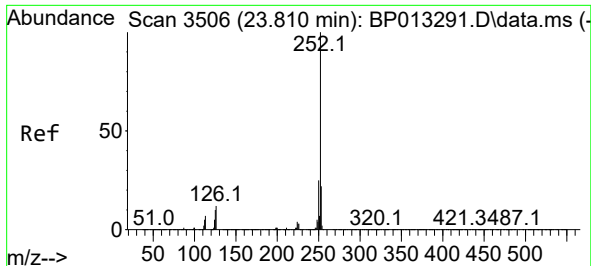
Tgt Ion:252 Resp: 7832077
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.3 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 36.707 ng/ul
RT: 23.210 min Scan# 3404
Delta R.T. 0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:252 Resp: 7302266
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 8.3 6.8 10.2

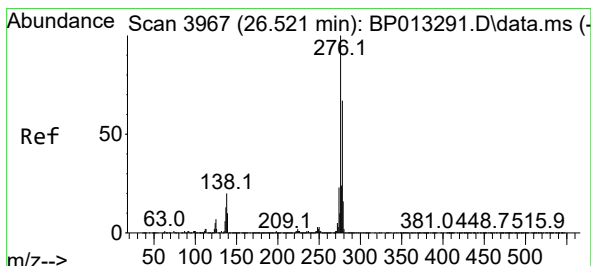
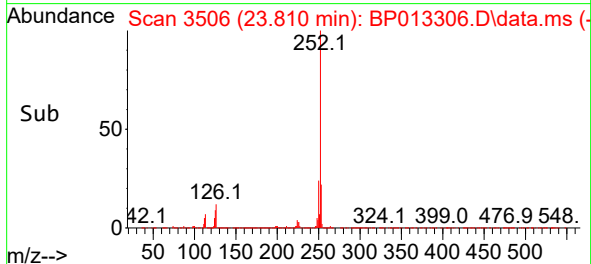
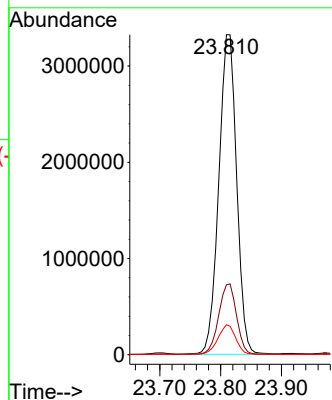
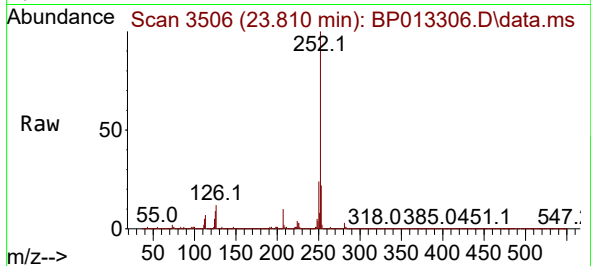




#93
Benzo(a)pyrene
Concen: 38.747 ng/ul
RT: 23.810 min Scan# 3506
Delta R.T. 0.000 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

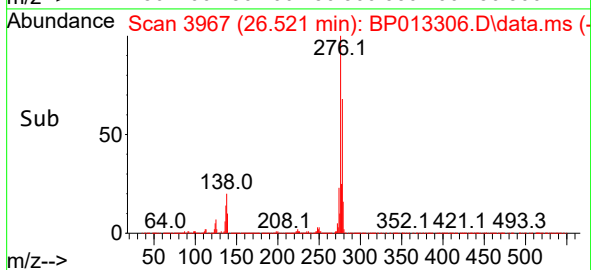
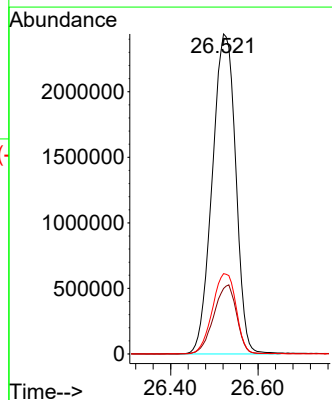
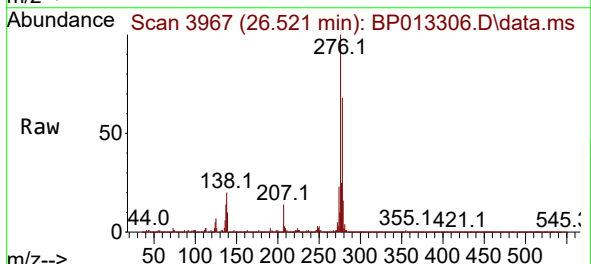
Instrument :
BNA_P
ClientSampleId :

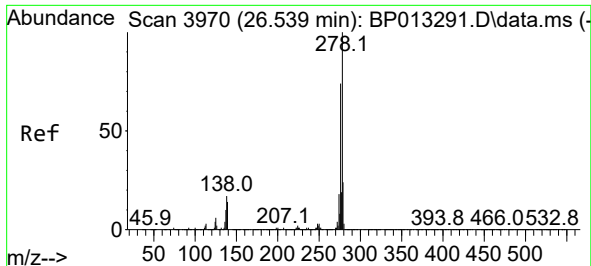
Tgt Ion:252 Resp: 6768420
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.4 7.5 11.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 41.755 ng/ul
RT: 26.521 min Scan# 3967
Delta R.T. 0.006 min
Lab File: BP013306.D
Acq: 24 Dec 2022 18:38

Tgt Ion:276 Resp: 9085395
Ion Ratio Lower Upper
276 100
138 20.5 17.1 25.7
277 25.1 20.0 30.0

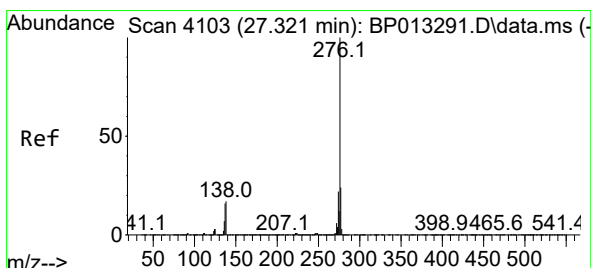
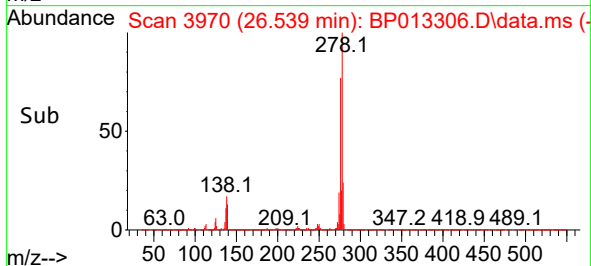
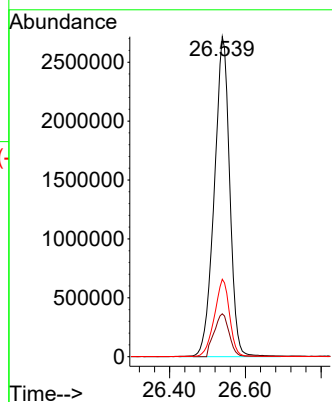
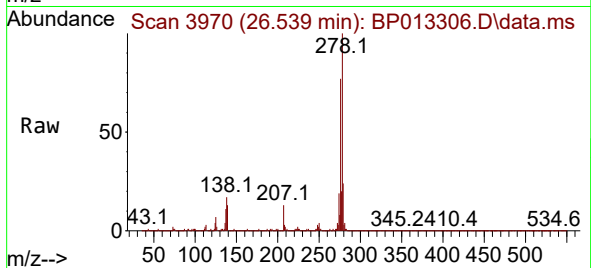




#95
 Dibenzo(a,h)anthracene
 Concen: 42.503 ng/ul
 RT: 26.539 min Scan# 3970
 Delta R.T. 0.012 min
 Lab File: BP013306.D
 Acq: 24 Dec 2022 18:38

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 7656966
 Ion Ratio Lower Upper
 278 100
 139 13.4 11.1 16.7
 279 24.2 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 42.928 ng/ul
 RT: 27.327 min Scan# 4104
 Delta R.T. 0.018 min
 Lab File: BP013306.D
 Acq: 24 Dec 2022 18:38

Tgt Ion:276 Resp: 7498663
 Ion Ratio Lower Upper
 276 100
 138 18.0 15.4 23.2
 277 23.8 19.1 28.7

