

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080922\
 Data File : BP011332.D
 Acq On : 09 Aug 2022 16:39
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 09 23:13:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 18:47:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	107229	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	458421	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	266849	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	528758	20.000	ng/u1	0.00
79) Chrysene-d12	21.163	240	503780	20.000	ng/u1	0.00
88) Perylene-d12	23.474	264	505020	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	29680	8.485	ng/uL	0.00
4) Pyridine-d5	3.505	84	180276	20.432	ng/u1	0.00
7) Phenol-d5	6.775	99	195904	20.644	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	139200	20.688	ng/u1	0.00
11) 2-Chlorophenol-d4	7.122	132	164428	22.084	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	162492	21.808	ng/u1	0.00
21) Nitrobenzene-d5	8.757	128	75727	24.272	ng/u1	0.00
24) 2-Nitrophenol-d4	9.475	143	70457	24.666	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	133690	23.176	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	224724	22.284	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	424037	22.902	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	508334	22.808	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	68693	20.313	ng/u1	0.00
60) Fluorene-d10	15.263	176	355072	22.424	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	51269	20.875	ng/u1	0.00
73) Anthracene-d10	17.133	188	530606	22.326	ng/u1	0.00
81) Pyrene-d10	19.392	212	599082	21.585	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.321	264	553189	21.721	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.128	88	31260	8.414	ng/uL#	82
5) Pyridine	3.522	79	188042	20.460	ng/u1#	78
6) Benzaldehyde	6.746	77	81681	19.751	ng/u1	98
8) Phenol	6.799	94	210922	20.534	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.034	93	170415	20.600	ng/u1	94
12) 2-Chlorophenol	7.158	128	173693	22.387	ng/u1	97
13) 2-Methylphenol	8.046	108	155251	20.987	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.122	45	153866	12.401	ng/u1	98
16) Acetophenone	8.422	105	267119	22.158	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.410	70	136527	22.990	ng/u1	99
18) 4-Methylphenol	8.375	108	168816	21.290	ng/u1	95
19) Hexachloroethane	8.657	117	75132	22.934	ng/u1	97
22) Nitrobenzene	8.799	77	204367	23.400	ng/u1	98
23) Isophorone	9.322	82	371289	23.176	ng/u1	99
25) 2-Nitrophenol	9.504	139	82053	24.648	ng/u1#	88
26) 2,4-Dimethylphenol	9.575	107	202053	24.021	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.816	93	225363	22.012	ng/u1	99
29) 2,4-Dichlorophenol	10.034	162	141602	23.474	ng/u1	99
30) Naphthalene	10.428	128	543929	21.809	ng/u1	100
32) 4-Chloroaniline	10.557	127	226207	22.378	ng/u1	98
33) Hexachlorobutadiene	10.710	225	88784	23.991	ng/u1	99
34) Caprolactam	11.351	113	43087	21.359	ng/u1	84
35) 4-Chloro-3-methylphenol	11.698	107	169553	23.906	ng/u1	96
36) 2-Methylnaphthalene	12.057	142	346603	22.420	ng/u1	100

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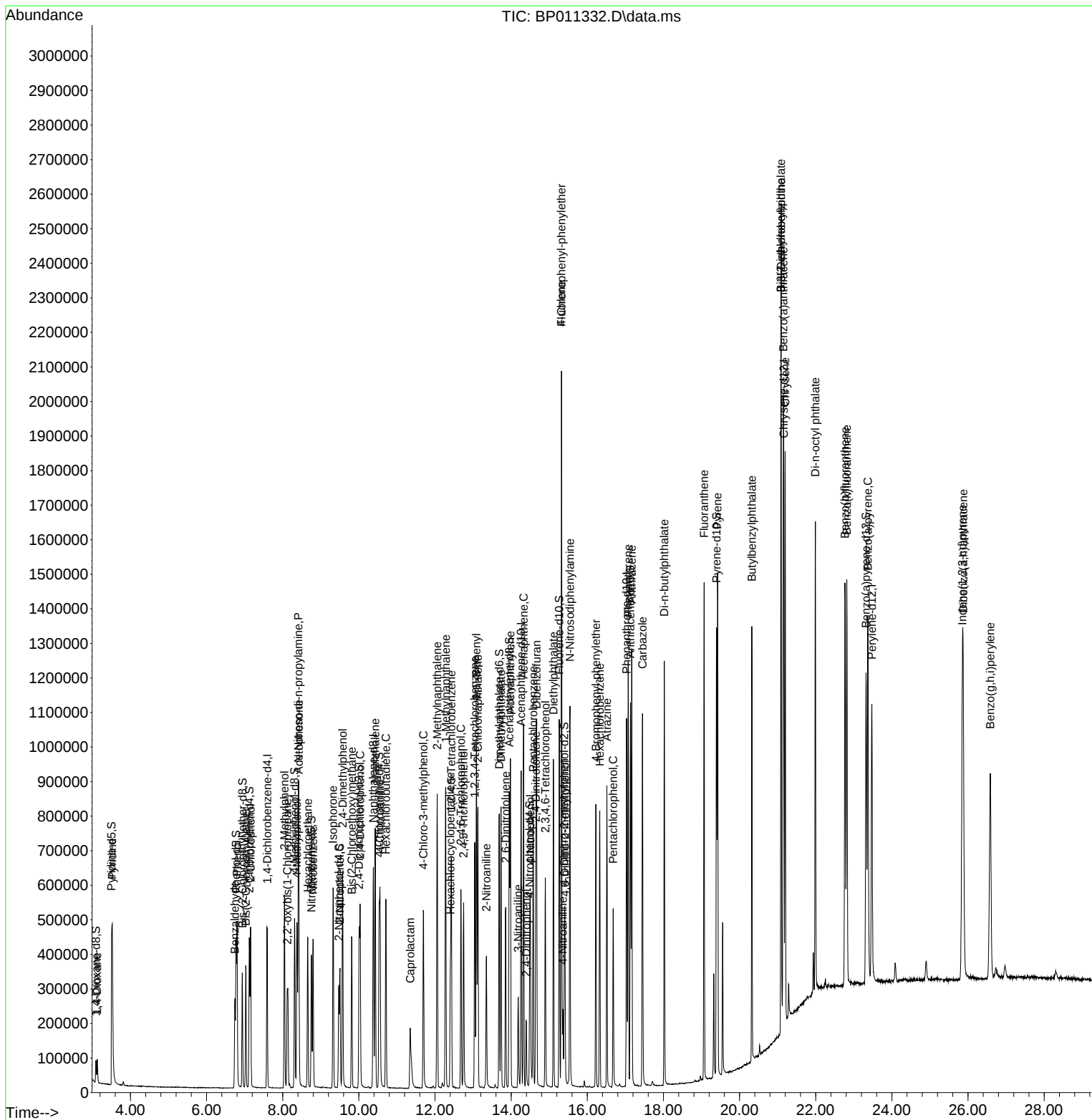
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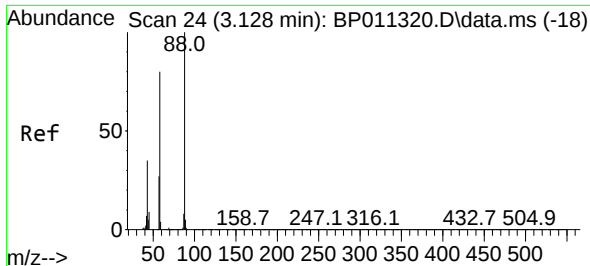
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 18:47:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	350354	22.342	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	153467	21.845	ng/ul	95
40) Hexachlorocyclopentadiene	12.404	237	65920	17.511	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	95529	22.474	ng/ul	99
42) 2,4,5-Trichlorophenol	12.751	196	103825	22.886	ng/ul	100
43) 1,1'-Biphenyl	13.087	154	449825	21.467	ng/ul	98
44) 2-Chloronaphthalene	13.128	162	336918	21.430	ng/ul	97
45) 2-Nitroaniline	13.351	65	103227	25.852	ng/ul	96
47) Dimethylphthalate	13.734	163	429986	22.929	ng/ul	98
48) 2,6-Dinitrotoluene	13.857	165	74491	25.404	ng/ul	95
50) Acenaphthylene	13.981	152	569799	22.178	ng/ul	100
51) 3-Nitroaniline	14.187	138	54965	17.040	ng/ul	96
52) Acenaphthene	14.328	153	378157	22.069	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	31228	17.950	ng/ul	91
55) 4-Nitrophenol	14.504	109	78049	24.879	ng/ul#	77
56) Dibenzofuran	14.669	168	510015	21.955	ng/ul	95
57) 2,4-Dinitrotoluene	14.645	165	112231	24.971	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.898	232	80291	22.750	ng/ul#	96
59) Diethylphthalate	15.110	149	466594	24.017	ng/ul	97
61) Fluorene	15.322	166	419286	22.225	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	187234	22.705	ng/ul	91
63) 4-Nitroaniline	15.357	138	45341	14.446	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.416	198	54475	21.540	ng/ul#	95
67) N-Nitrosodiphenylamine	15.545	169	355665	22.826	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	105450	22.536	ng/ul	91
69) Hexachlorobenzene	16.328	284	120802	22.099	ng/ul	95
70) Atrazine	16.516	200	119372	22.985	ng/ul	99
71) Pentachlorophenol	16.681	266	61067	19.243	ng/ul	98
72) Phenanthrene	17.075	178	643451	21.702	ng/ul	100
74) Anthracene	17.169	178	644954	21.851	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	159699	21.038	ng/uL	98
76) Pentachlorobenzene	14.581	250	147171	22.262	ng/uL	100
77) Carbazole	17.451	167	595948	21.607	ng/ul	99
78) Di-n-butylphthalate	18.022	149	763525	25.316	ng/ul	100
80) Fluoranthene	19.069	202	720553	21.329	ng/ul	95
82) Pyrene	19.422	202	749742	21.026	ng/ul	96
83) Butylbenzylphthalate	20.322	149	302574	26.628	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.092	252	179028	19.527	ng/ul	98
85) Benzo(a)anthracene	21.151	228	700334	21.668	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.092	149	474119	25.992	ng/ul	98
87) Chrysene	21.198	228	685657	21.430	ng/ul	100
89) Di-n-octyl phthalate	21.992	149	804894	22.971	ng/ul	100
90) Benzo(b)fluoranthene	22.768	252	693835	20.874	ng/ul	99
91) Benzo(k)fluoranthene	22.816	252	689398	21.199	ng/ul	99
93) Benzo(a)pyrene	23.368	252	688039	21.462	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.851	276	760030	21.445	ng/ul	95
95) Dibenzo(a,h)anthracene	25.874	278	651900	21.628	ng/ul	97
96) Benzo(g,h,i)perylene	26.586	276	644373	21.547	ng/ul	98

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

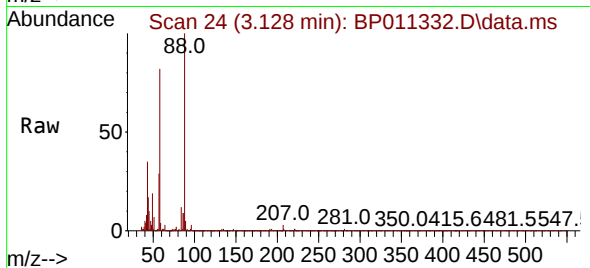
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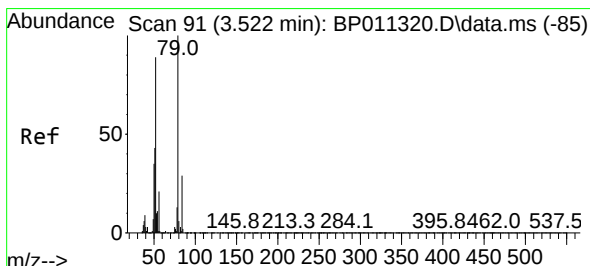
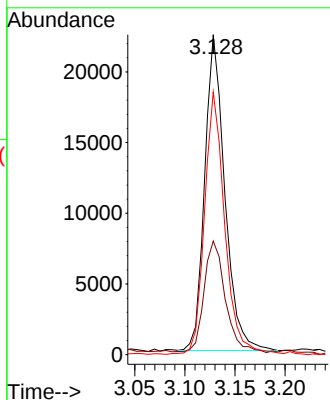
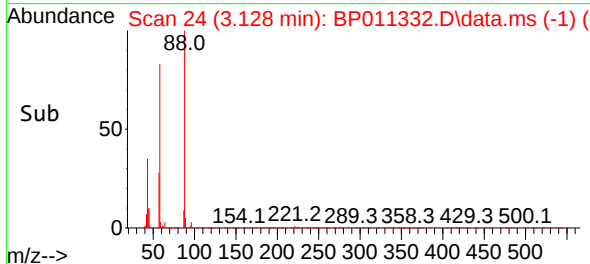


#2
1,4-Dioxane
Concen: 8.414 ng/uL
RT: 3.128 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

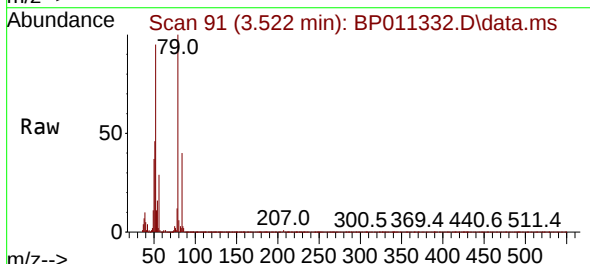
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BNA_P
ClientSampleId :



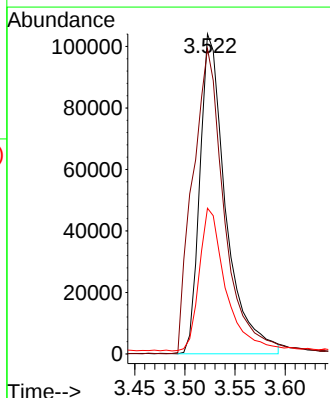
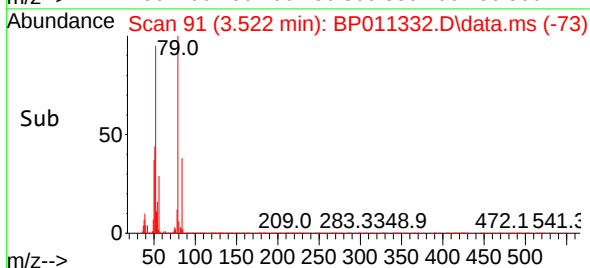
Tgt Ion: 88 Resp: 31260
Ion Ratio Lower Upper
88 100
43 35.5 29.6 44.4
58 82.1 49.1 73.7#

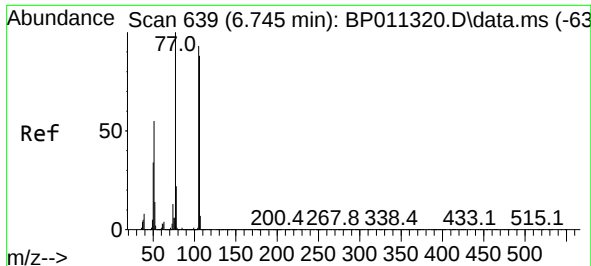


#5
Pyridine
Concen: 20.460 ng/uL
RT: 3.522 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39



Tgt Ion: 79 Resp: 188042
Ion Ratio Lower Upper
79 100
52 95.4 57.8 86.6#
51 45.5 31.5 47.3

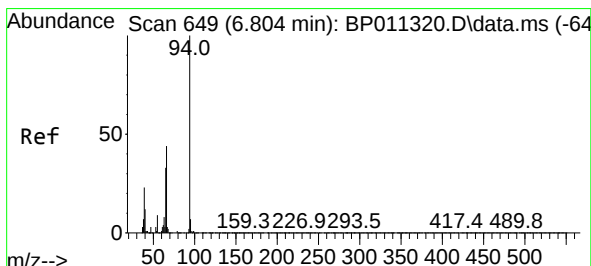
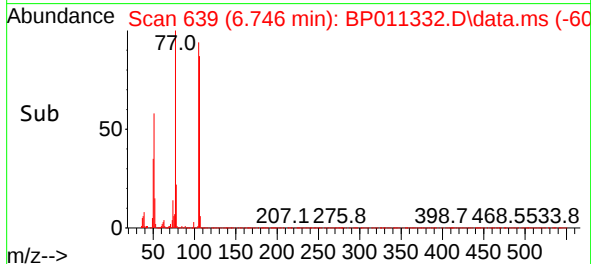
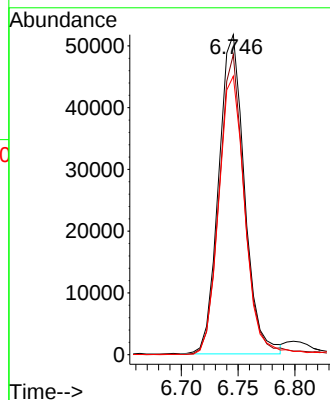
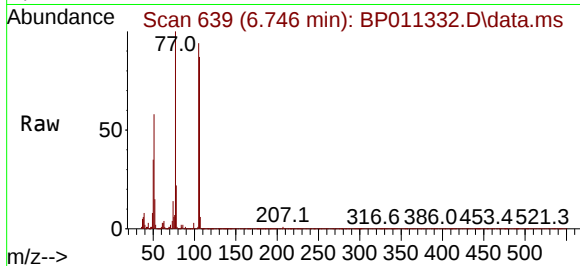




#6
Benzaldehyde
Concen: 19.751 ng/ul
RT: 6.746 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

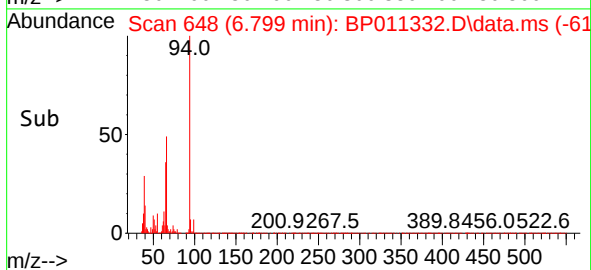
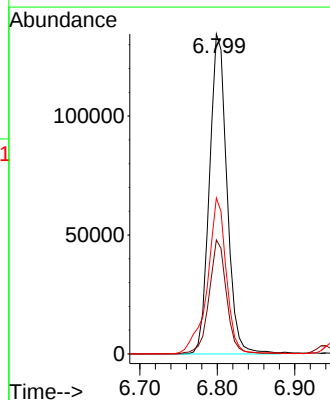
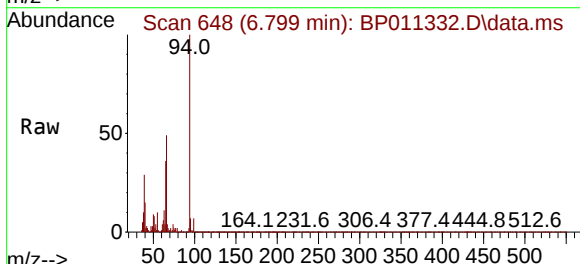
Instrument :
BNA_P
ClientSampleId :

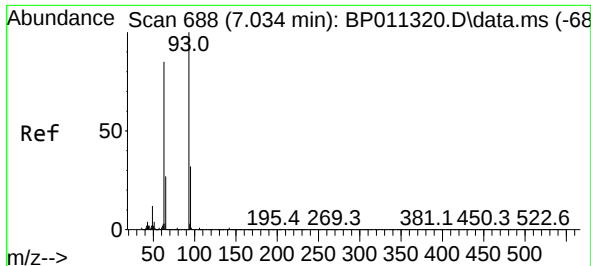
Tgt Ion: 77	Resp: 81681
Ion Ratio	Lower Upper
77	100
105	93.8 72.0 108.0
106	87.1 69.4 104.0



#8
Phenol
Concen: 20.534 ng/ul
RT: 6.799 min Scan# 648
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion: 94	Resp: 210922
Ion Ratio	Lower Upper
94	100
65	35.7 24.7 37.1
66	48.8 32.6 49.0





#10

Bis(2-Chloroethyl)ether

Concen: 20.600 ng/ul

RT: 7.034 min Scan# 688

Delta R.T. 0.006 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

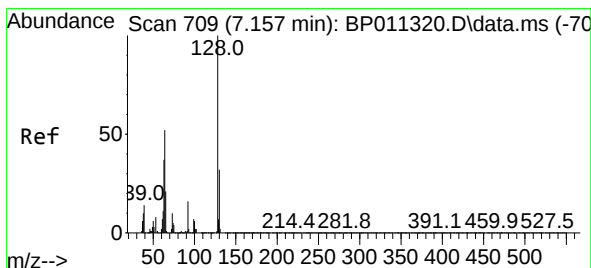
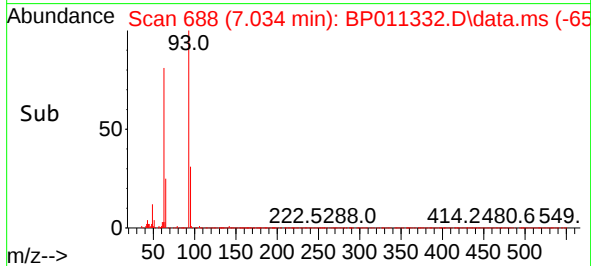
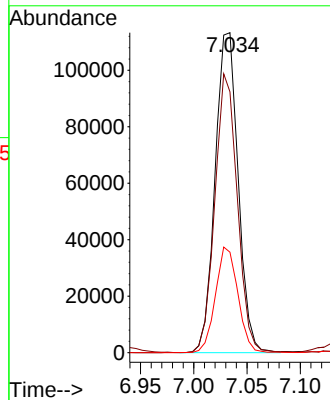
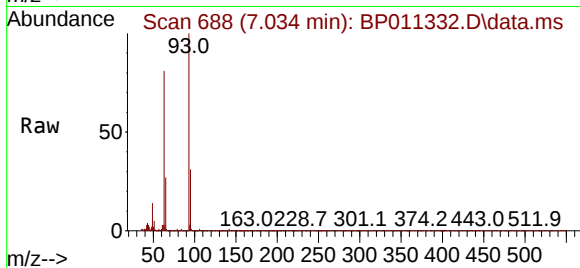
Tgt Ion: 93 Resp: 170415

Ion Ratio Lower Upper

93 100

63 81.5 71.0 106.6

95 31.4 26.0 39.0



#12

2-Chlorophenol

Concen: 22.387 ng/ul

RT: 7.158 min Scan# 709

Delta R.T. -0.000 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

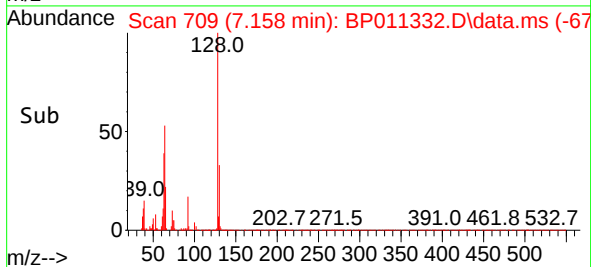
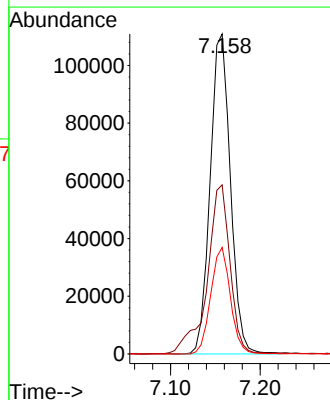
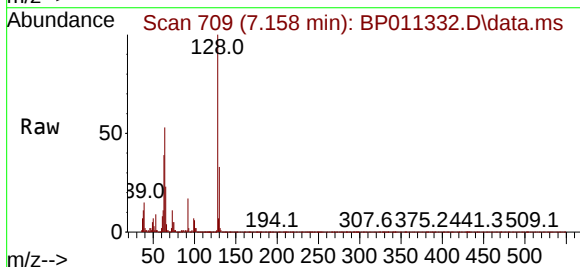
Tgt Ion:128 Resp: 173693

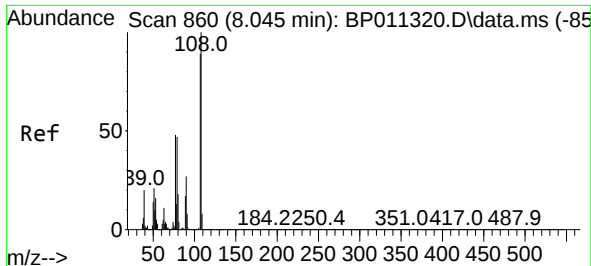
Ion Ratio Lower Upper

128 100

64 52.9 43.8 65.6

130 33.3 25.4 38.2





#13

2-Methylphenol

Concen: 20.987 ng/ul

RT: 8.046 min Scan# 8

Delta R.T. -0.000 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

Instrument :

BNA_P

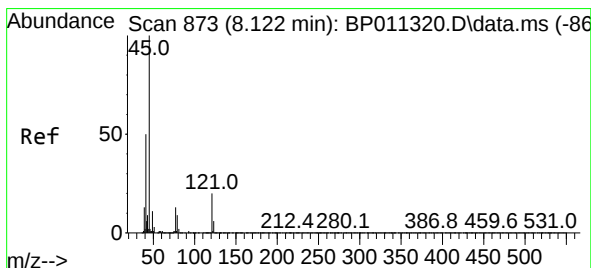
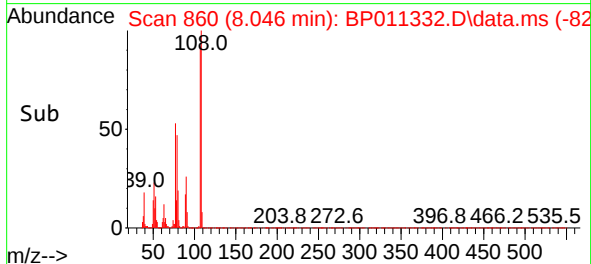
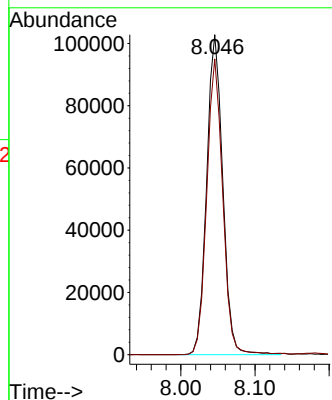
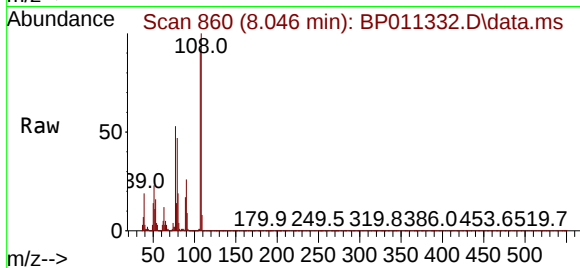
ClientSampleId :

Tgt Ion:108 Resp: 155251

Ion Ratio Lower Upper

108 100

107 92.4 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 12.401 ng/ul

RT: 8.122 min Scan# 873

Delta R.T. -0.012 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

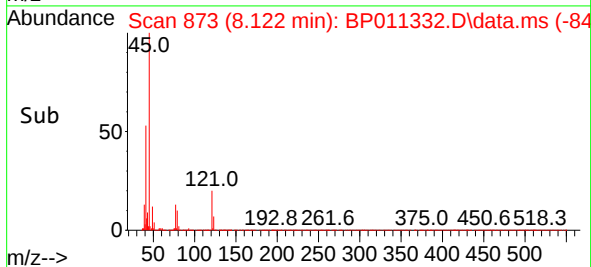
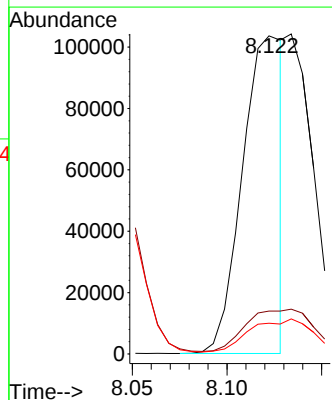
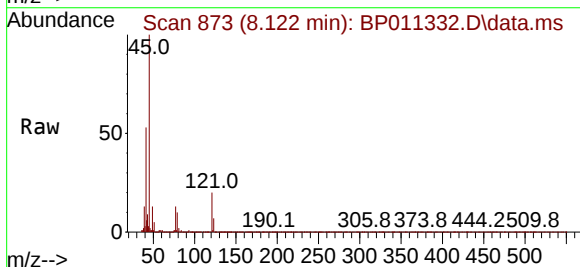
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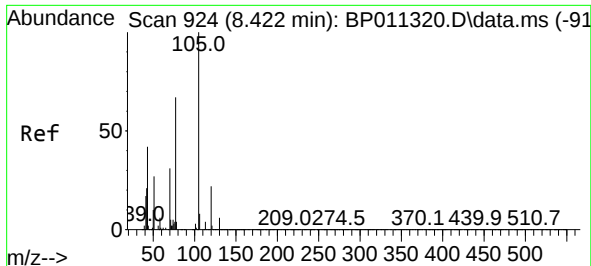
Ion Ratio Lower Upper

45 100

77 13.5 9.9 14.9

79 9.7 7.2 10.8

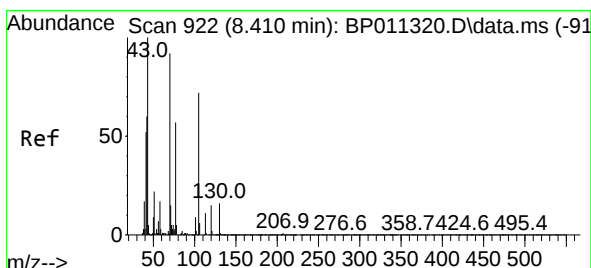
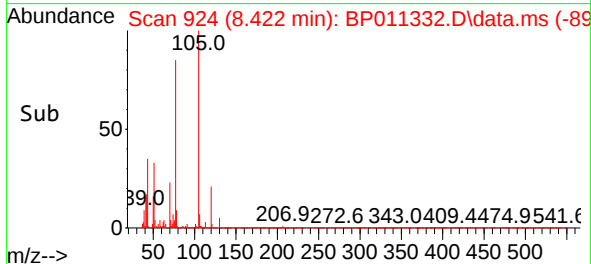
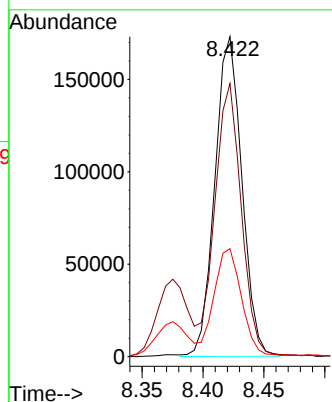
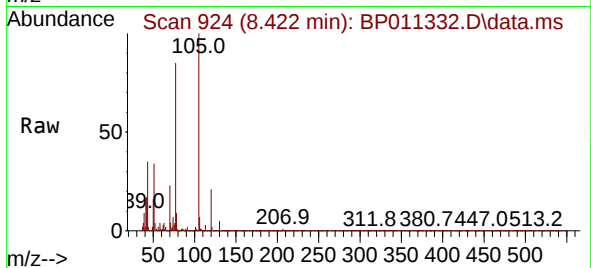




#16
Acetophenone
Concen: 22.158 ng/ul
RT: 8.422 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

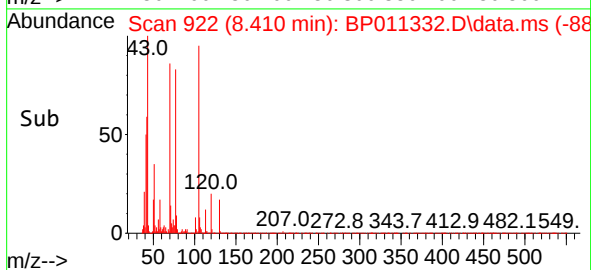
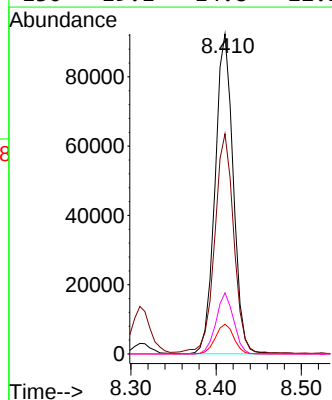
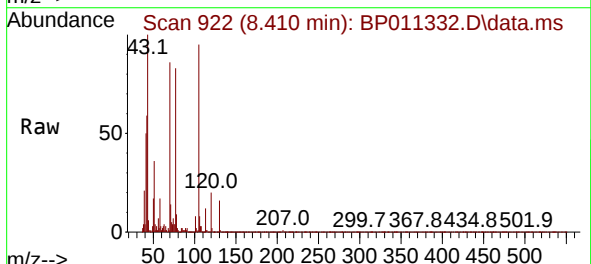
Instrument :
BNA_P
ClientSampleId :

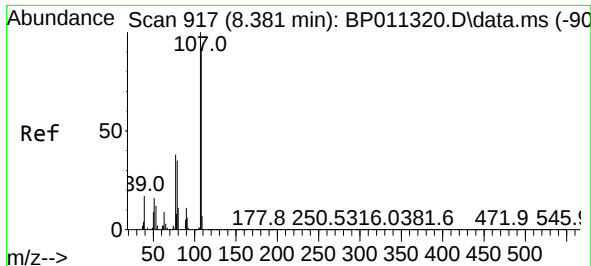
Tgt Ion:105 Resp: 267119
Ion Ratio Lower Upper
105 100
77 85.4 65.4 98.0
51 33.7 26.5 39.7



#17
N-Nitroso-di-n-propylamine
Concen: 22.990 ng/ul
RT: 8.410 min Scan# 922
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

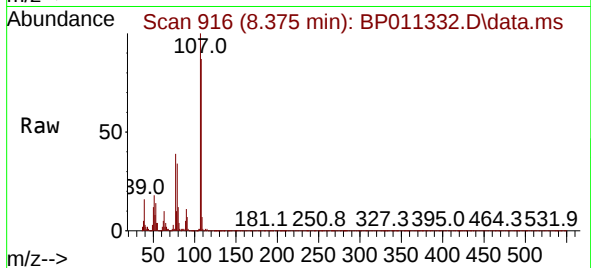
Tgt Ion: 70 Resp: 136527
Ion Ratio Lower Upper
70 100
42 68.8 55.5 83.3
101 9.3 7.1 10.7
130 19.1 14.8 22.2



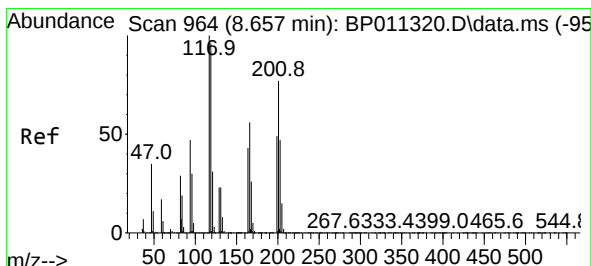
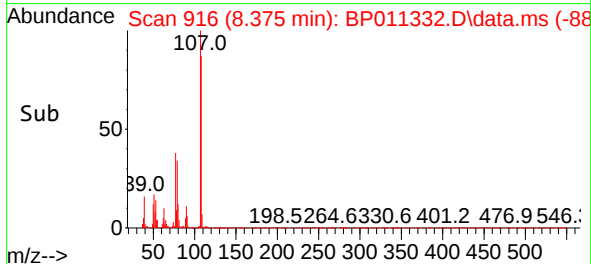
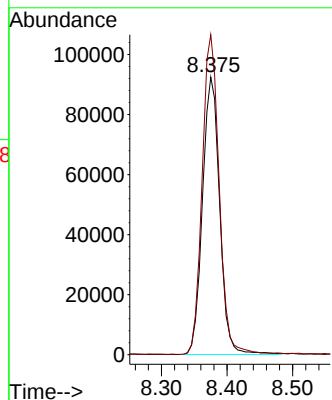


#18
4-Methylphenol
Concen: 21.290 ng/ul
RT: 8.375 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Instrument :
BNA_P
ClientSampleId :

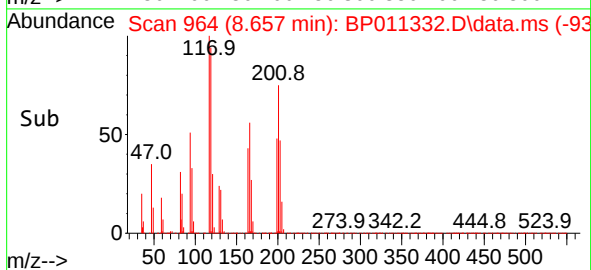
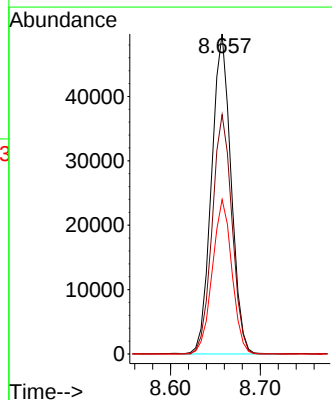
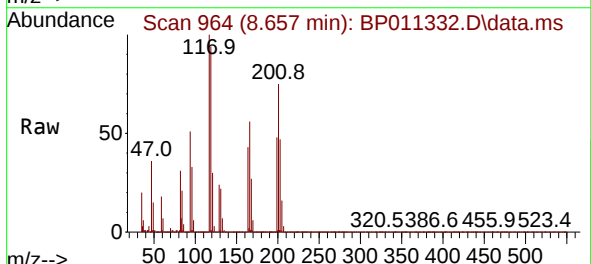


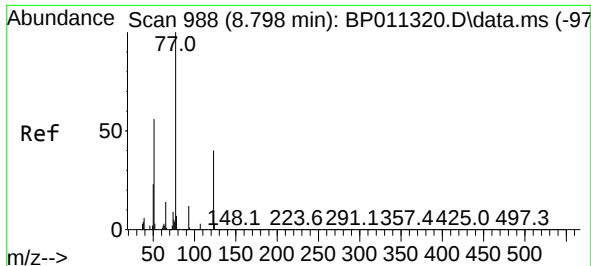
Tgt Ion:108 Resp: 168816
Ion Ratio Lower Upper
108 100
107 115.2 88.2 132.4



#19
Hexachloroethane
Concen: 22.934 ng/ul
RT: 8.657 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:117 Resp: 75132
Ion Ratio Lower Upper
117 100
201 74.8 62.2 93.2
199 48.3 39.8 59.6

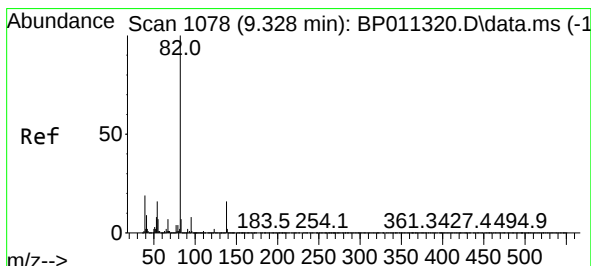
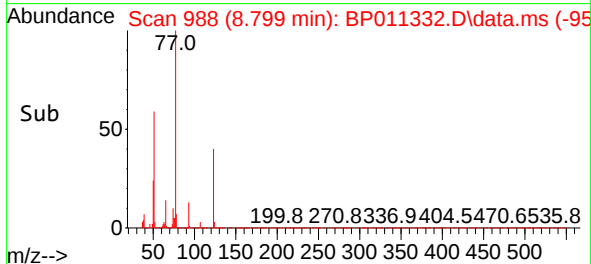
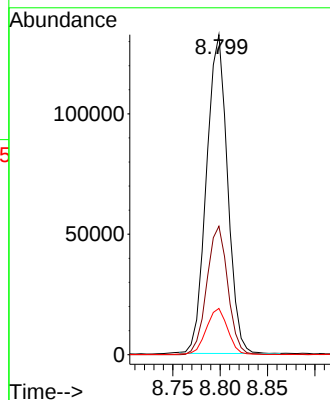
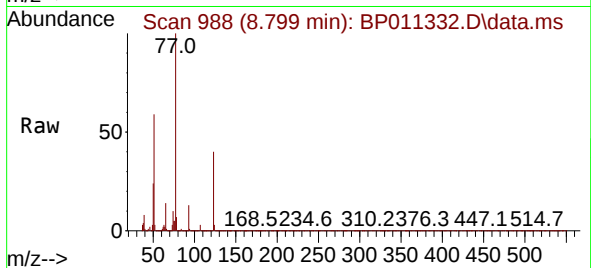




#22
Nitrobenzene
Concen: 23.400 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

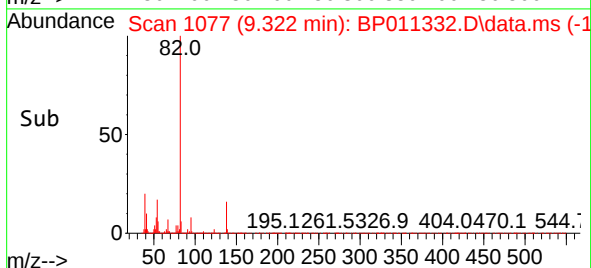
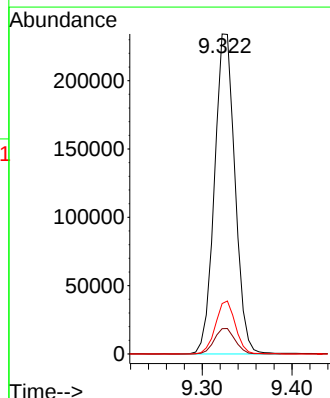
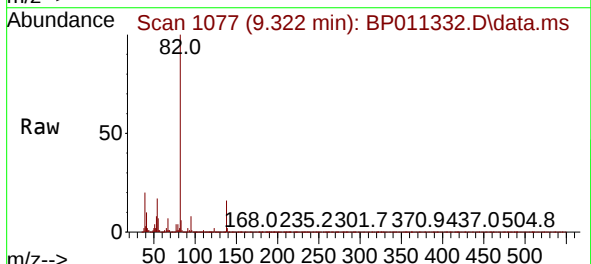
Instrument :
BNA_P
ClientSampleId :

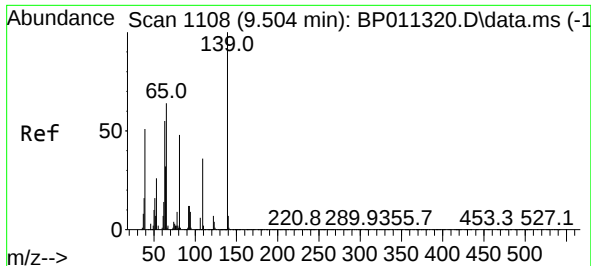
Tgt Ion: 77 Resp: 204367
Ion Ratio Lower Upper
77 100
123 40.1 31.4 47.0
65 14.5 10.6 15.8



#23
Isophorone
Concen: 23.176 ng/ul
RT: 9.322 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion: 82 Resp: 371289
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 15.8 12.6 18.8

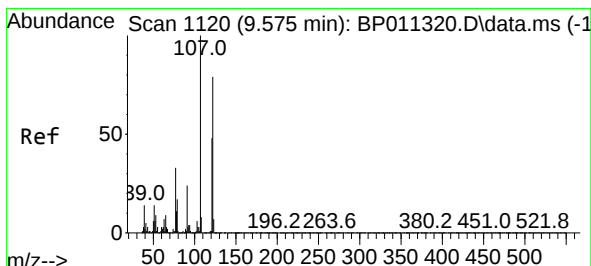
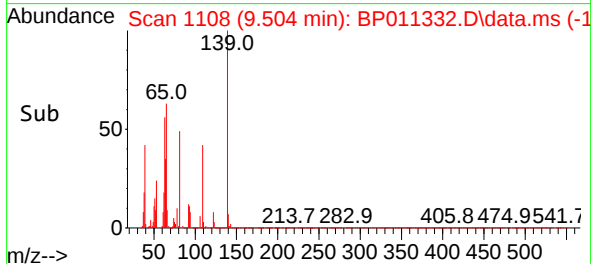
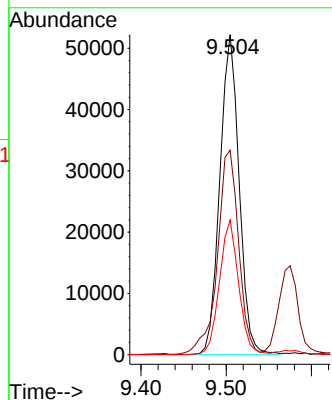
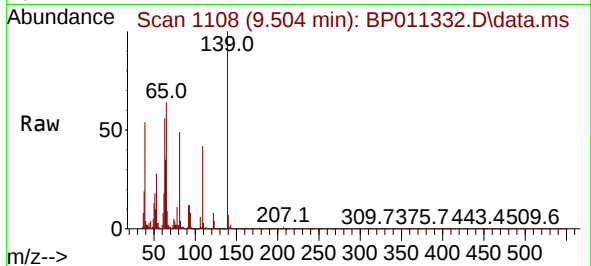




#25
2-Nitrophenol
Concen: 24.648 ng/ul
RT: 9.504 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

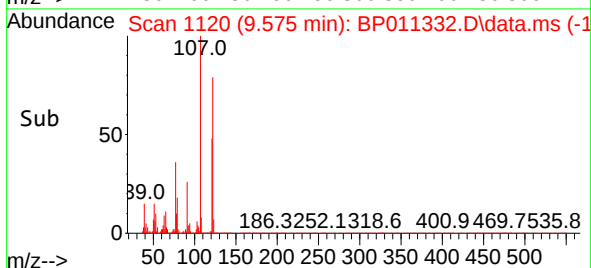
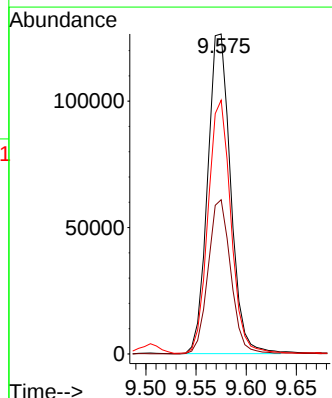
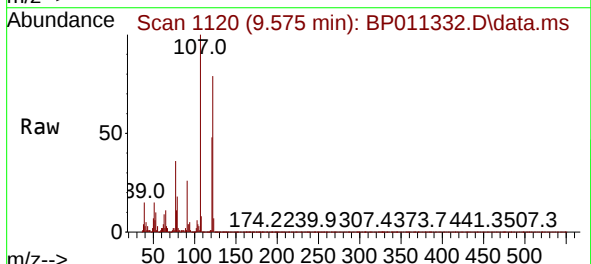
Instrument :
BNA_P
ClientSampleId :

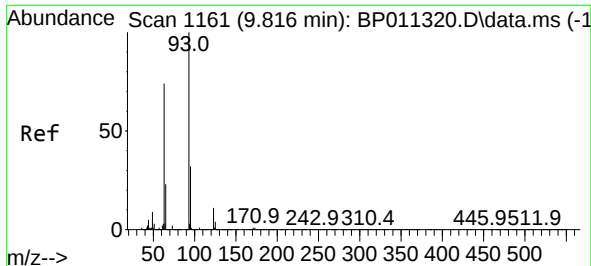
Tgt Ion:139 Resp: 82053
Ion Ratio Lower Upper
139 100
65 63.9 46.7 70.1
109 42.1 24.2 36.2#



#26
2,4-Dimethylphenol
Concen: 24.021 ng/ul
RT: 9.575 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:107 Resp: 202053
Ion Ratio Lower Upper
107 100
121 48.2 40.3 60.5
122 79.3 67.7 101.5





#27

Bis(2-Chloroethoxy)methane

Concen: 22.012 ng/ul

RT: 9.816 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

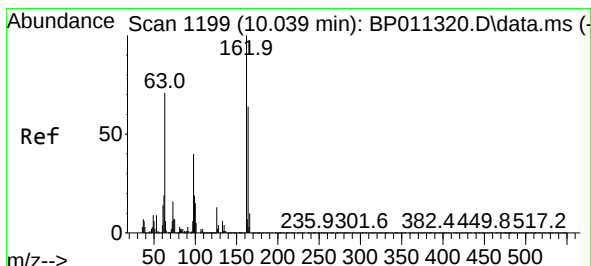
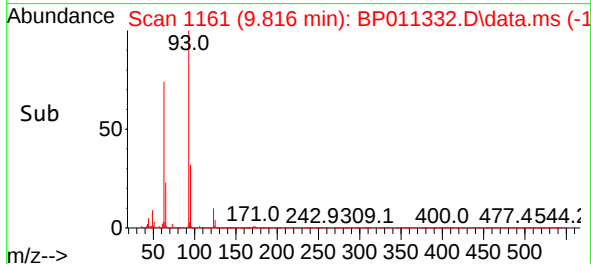
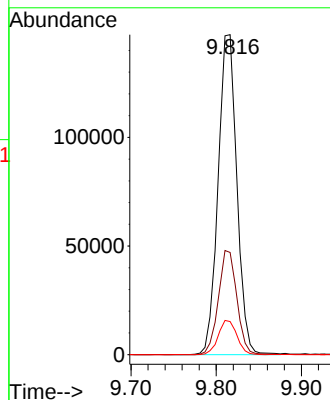
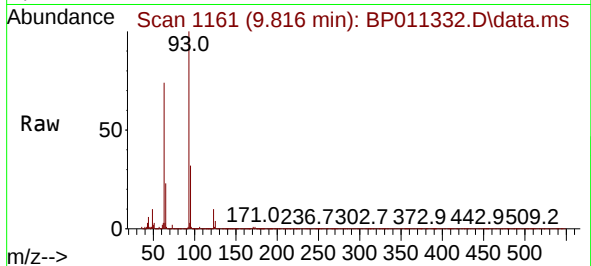
Tgt Ion: 93 Resp: 225363

Ion Ratio Lower Upper

93 100

95 32.0 25.2 37.8

123 10.3 8.4 12.6



#29

2,4-Dichlorophenol

Concen: 23.474 ng/ul

RT: 10.034 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

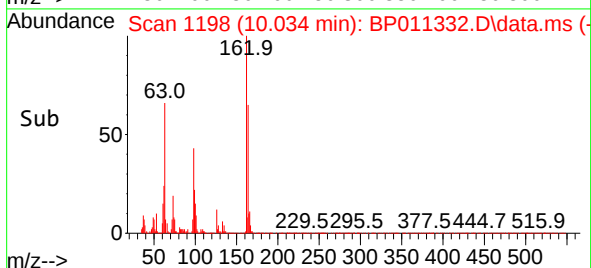
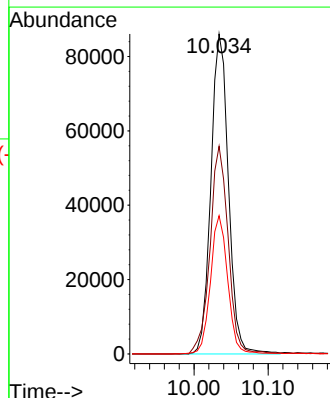
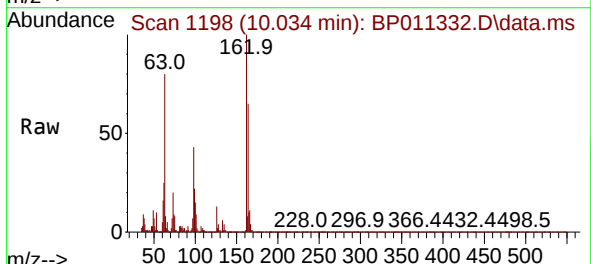
Tgt Ion: 162 Resp: 141602

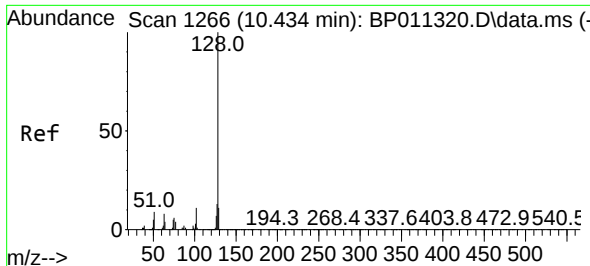
Ion Ratio Lower Upper

162 100

164 64.9 52.6 79.0

98 43.2 34.2 51.4

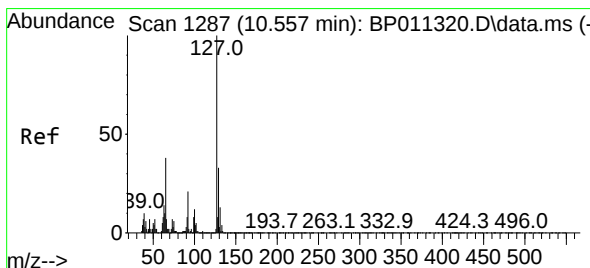
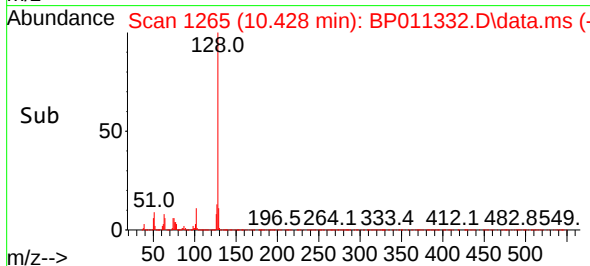
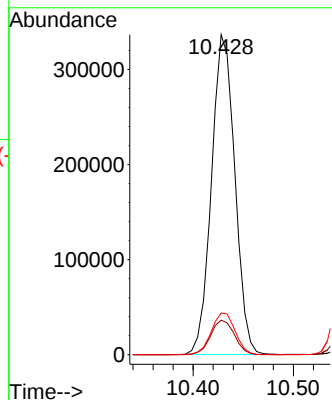
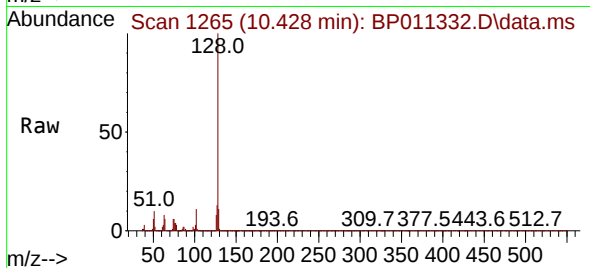




#30
Naphthalene
Concen: 21.809 ng/ul
RT: 10.428 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

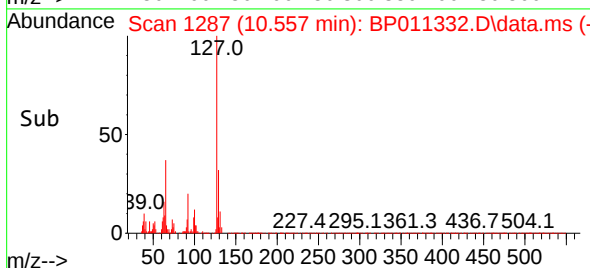
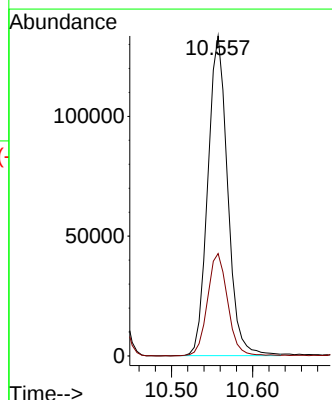
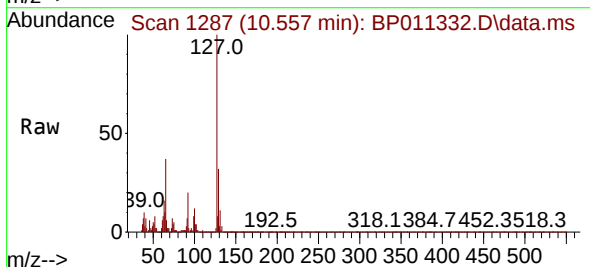
Instrument :
BNA_P
ClientSampleId :

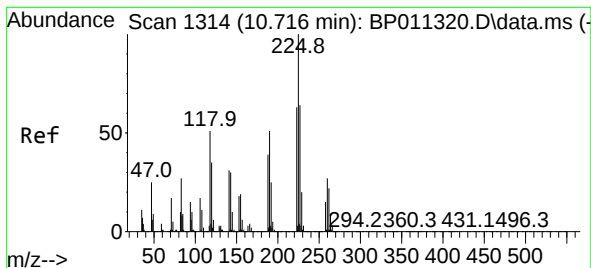
Tgt Ion:128 Resp: 543929
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 22.378 ng/ul
RT: 10.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:127 Resp: 226207
Ion Ratio Lower Upper
127 100
129 32.0 26.6 40.0





#33

Hexachlorobutadiene

Concen: 23.991 ng/ul

RT: 10.710 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

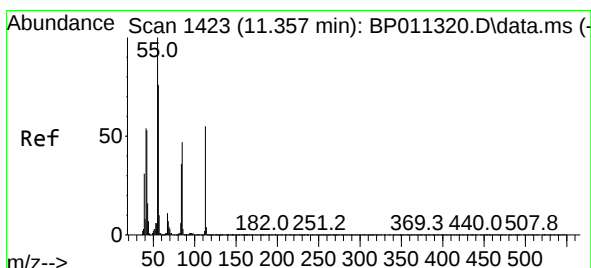
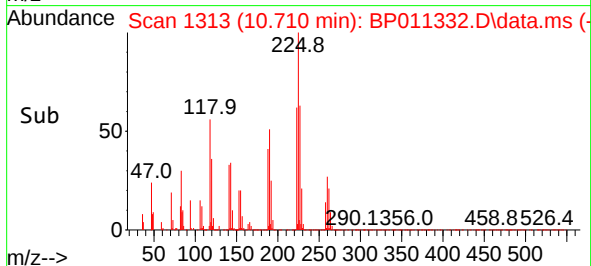
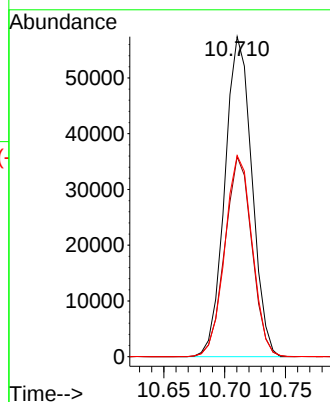
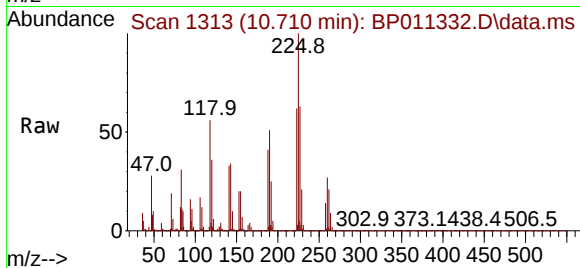
Tgt Ion:225 Resp: 88784

Ion Ratio Lower Upper

225 100

223 62.5 51.2 76.8

227 62.9 50.6 75.8



#34

Caprolactam

Concen: 21.359 ng/ul

RT: 11.351 min Scan# 1422

Delta R.T. -0.000 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

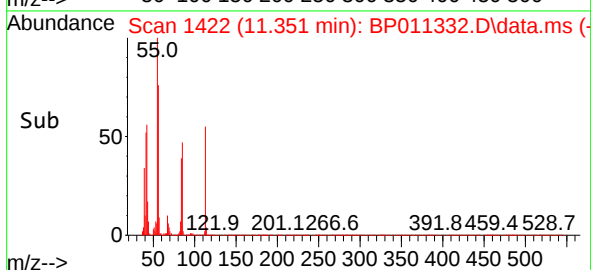
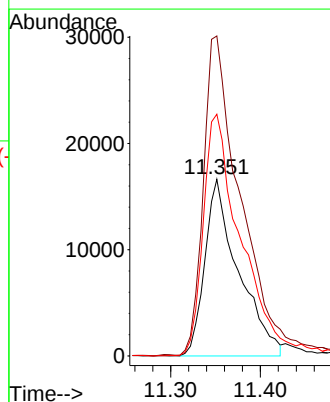
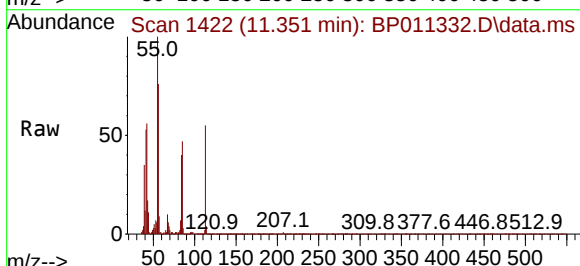
Tgt Ion:113 Resp: 43087

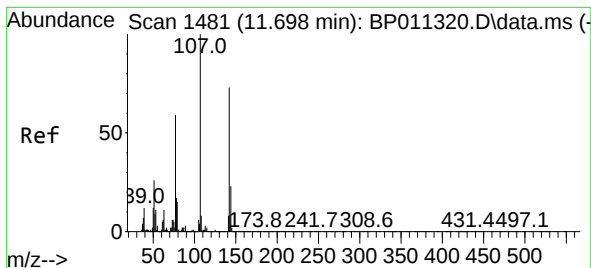
Ion Ratio Lower Upper

113 100

55 181.1 164.2 246.4

56 136.8 127.0 190.6

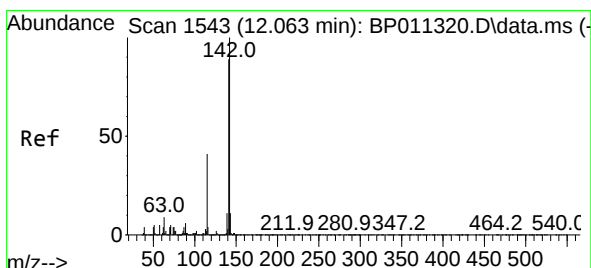
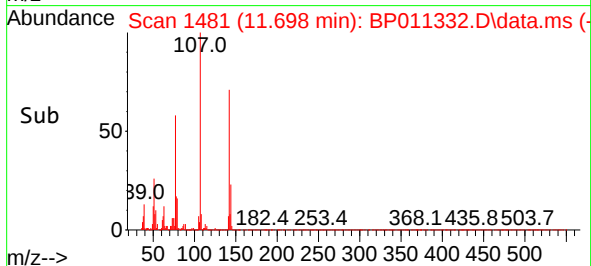
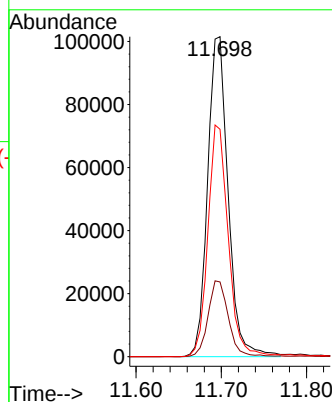
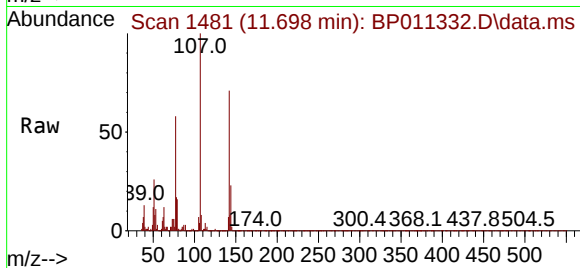




#35
 4-Chloro-3-methylphenol
 Concen: 23.906 ng/ul
 RT: 11.698 min Scan# 1481
 Delta R.T. -0.000 min
 Lab File: BP011332.D
 Acq: 09 Aug 2022 16:39

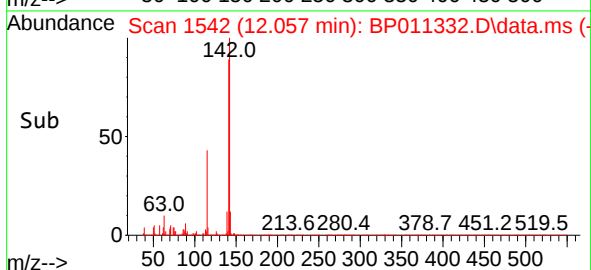
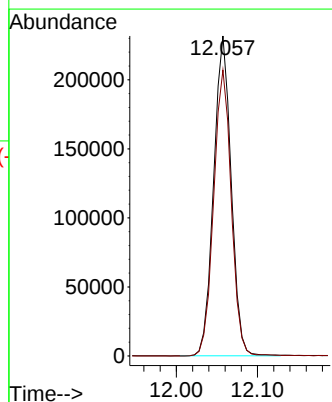
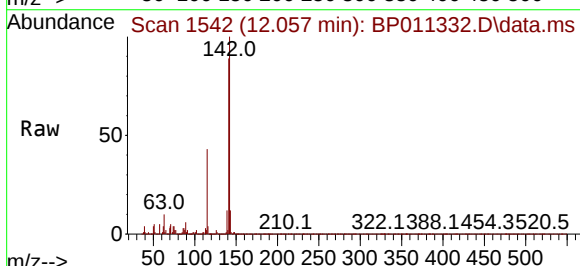
Instrument :
 BNA_P
 ClientSampleId :

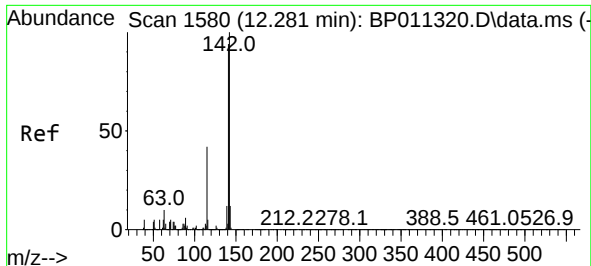
Tgt Ion:107 Resp: 169553
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.0 28.4
 142 71.1 59.8 89.8



#36
 2-Methylnaphthalene
 Concen: 22.420 ng/ul
 RT: 12.057 min Scan# 1542
 Delta R.T. -0.000 min
 Lab File: BP011332.D
 Acq: 09 Aug 2022 16:39

Tgt Ion:142 Resp: 346603
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.8 107.8

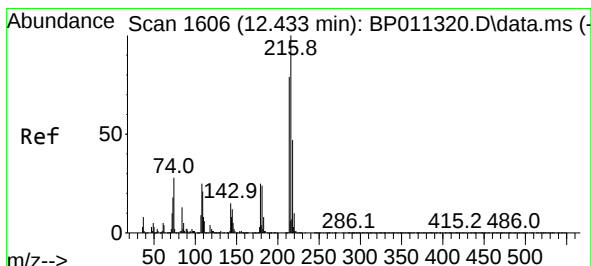
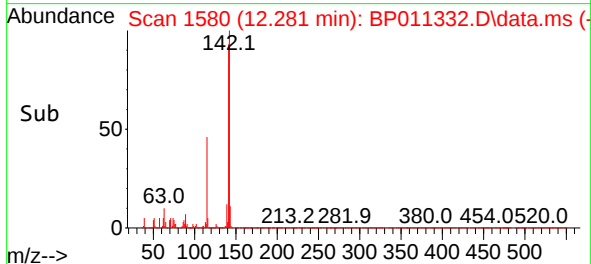
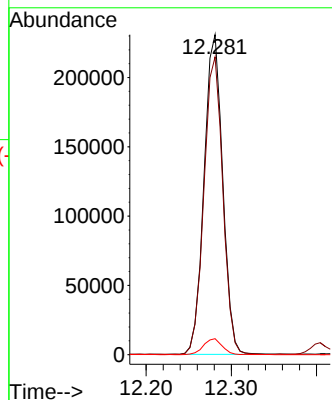
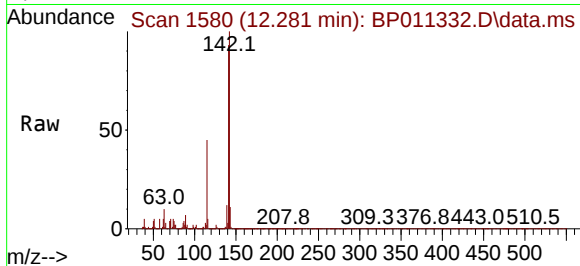




#37
1-Methylnaphthalene
Concen: 22.342 ng/ul
RT: 12.281 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

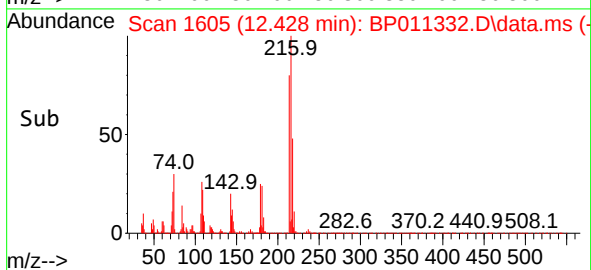
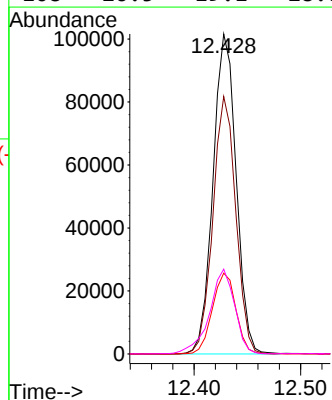
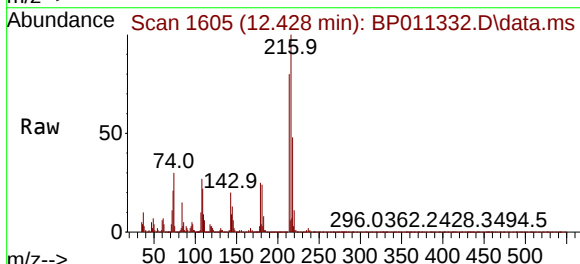
Instrument :
BNA_P
ClientSampleId :

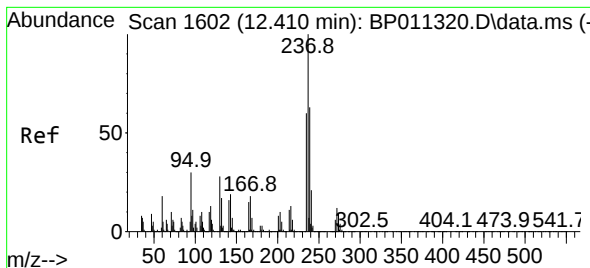
Tgt Ion:142 Resp: 350354
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1
116 5.0 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 21.845 ng/ul
RT: 12.428 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:216 Resp: 153467
Ion Ratio Lower Upper
216 100
214 80.5 61.1 91.7
179 25.3 18.6 27.8
108 26.5 19.1 28.7





#40

Hexachlorocyclopentadiene

Concen: 17.511 ng/ul

RT: 12.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

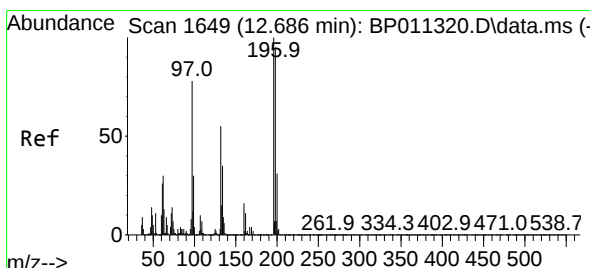
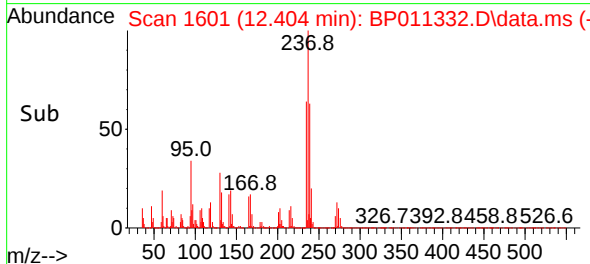
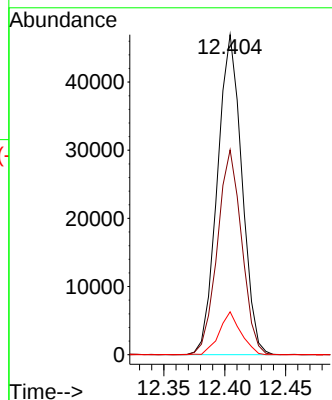
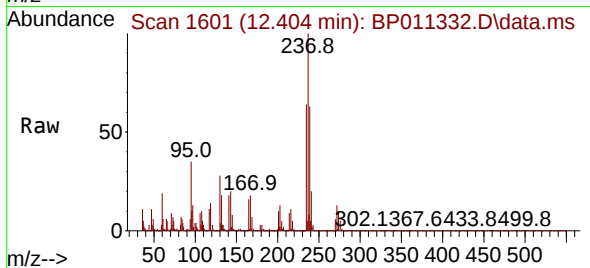
Tgt Ion:237 Resp: 65920

Ion Ratio Lower Upper

237 100

235 64.0 50.4 75.6

272 13.4 9.9 14.9



#41

2,4,6-Trichlorophenol

Concen: 22.474 ng/ul

RT: 12.681 min Scan# 1648

Delta R.T. -0.006 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

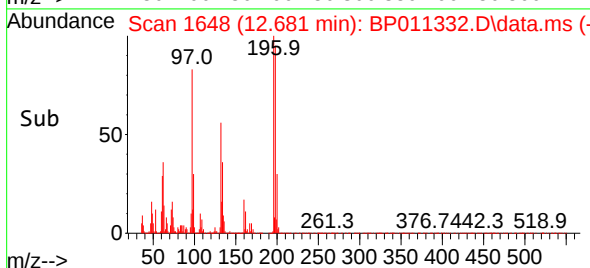
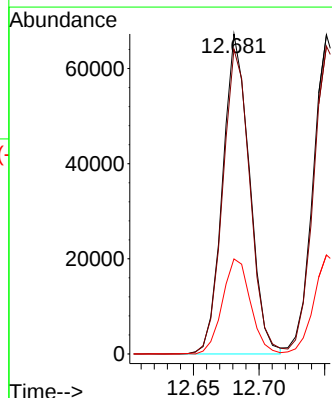
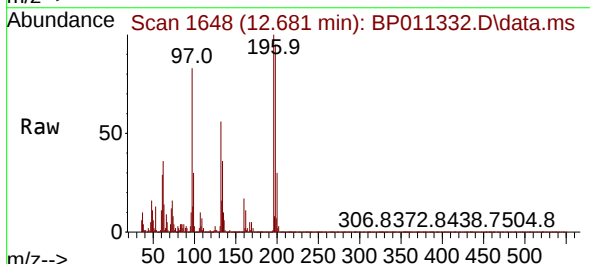
Tgt Ion:196 Resp: 95529

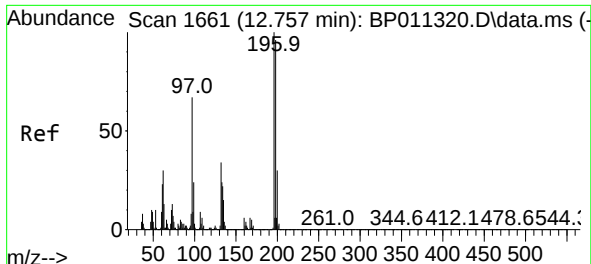
Ion Ratio Lower Upper

196 100

198 95.2 75.5 113.3

200 29.7 24.4 36.6

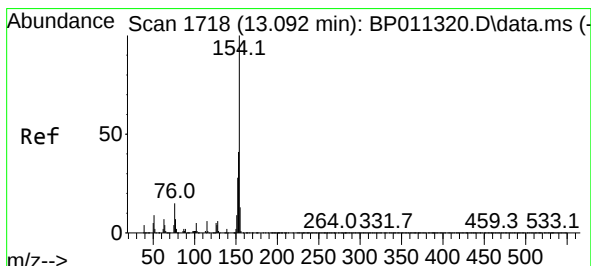
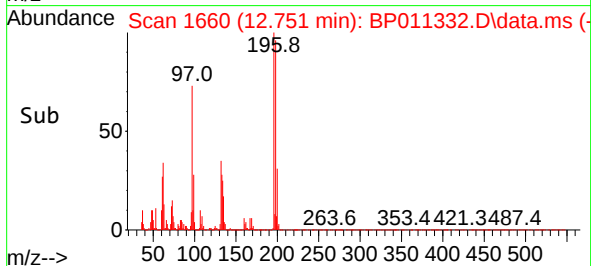
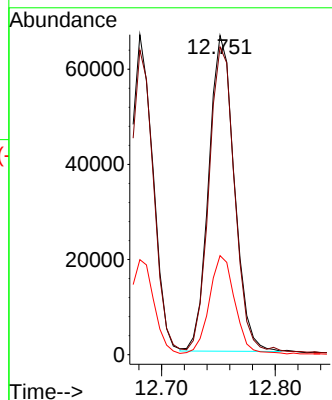
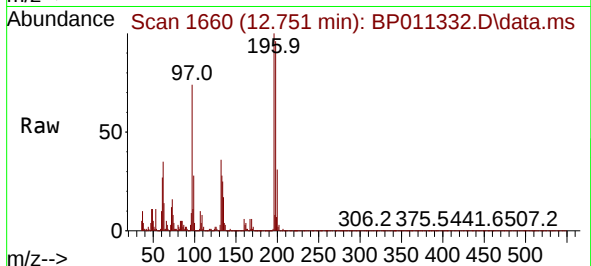




#42
2,4,5-Trichlorophenol
Concen: 22.886 ng/ul
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

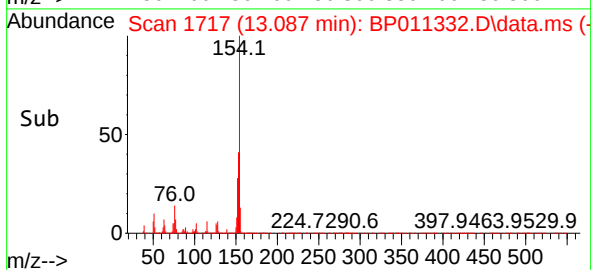
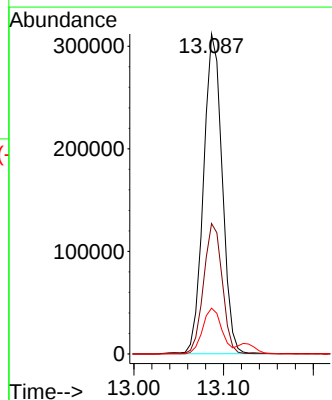
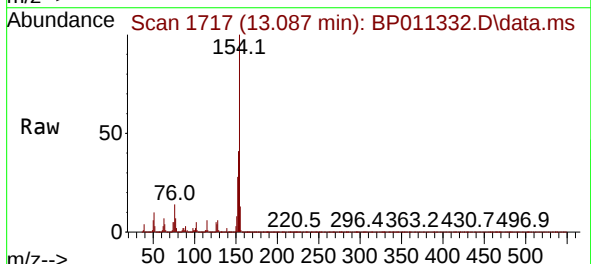
Instrument :
BNA_P
ClientSampleId :

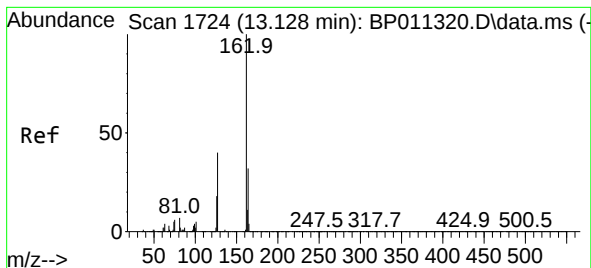
Tgt Ion:196 Resp: 103825
Ion Ratio Lower Upper
196 100
198 96.4 76.8 115.2
200 31.0 25.0 37.6



#43
1,1'-Biphenyl
Concen: 21.467 ng/ul
RT: 13.087 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:154 Resp: 449825
Ion Ratio Lower Upper
154 100
153 40.8 31.9 47.9
76 14.3 12.2 18.2





#44

2-Chloronaphthalene

Concen: 21.430 ng/ul

RT: 13.128 min Scan# 1724

Delta R.T. -0.000 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

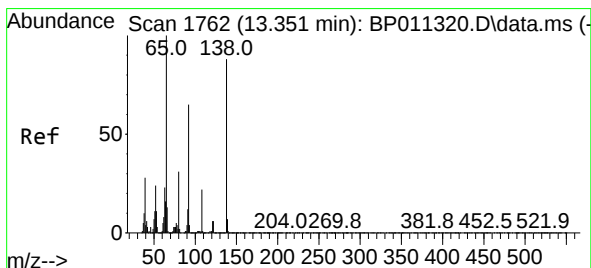
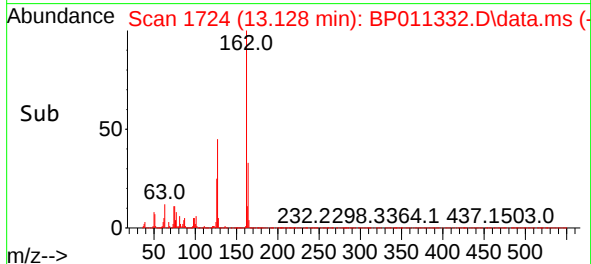
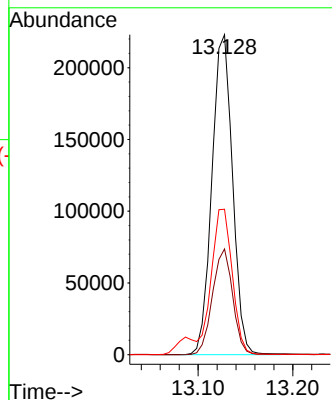
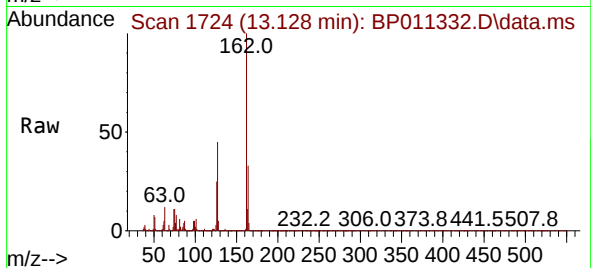
Tgt Ion:162 Resp: 336918

Ion Ratio Lower Upper

162 100

164 33.0 25.6 38.4

127 45.4 34.6 51.8



#45

2-Nitroaniline

Concen: 25.852 ng/ul

RT: 13.351 min Scan# 1762

Delta R.T. -0.000 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

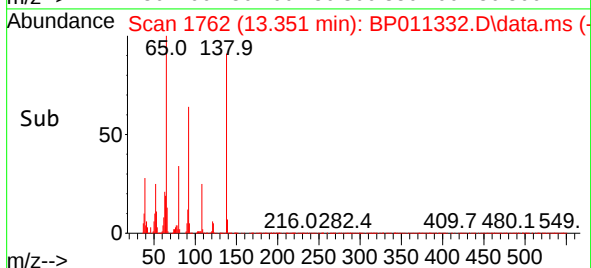
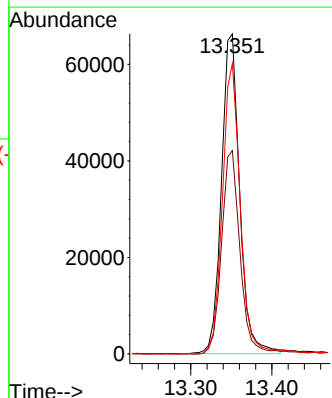
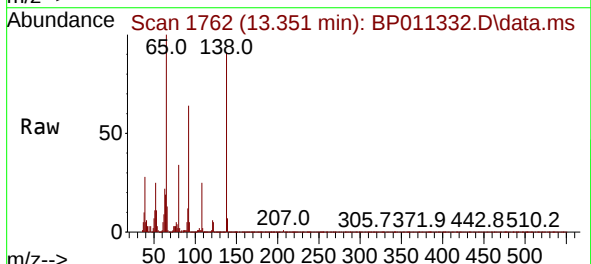
Tgt Ion: 65 Resp: 103227

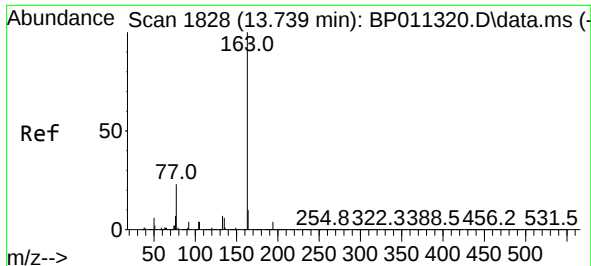
Ion Ratio Lower Upper

65 100

92 63.6 51.4 77.2

138 90.7 67.4 101.0

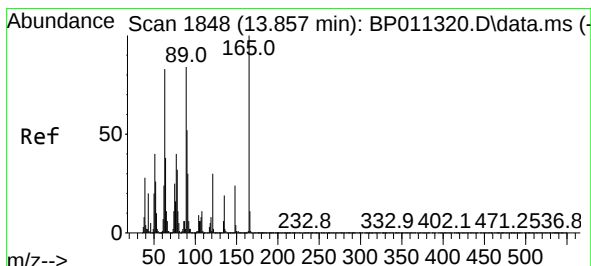
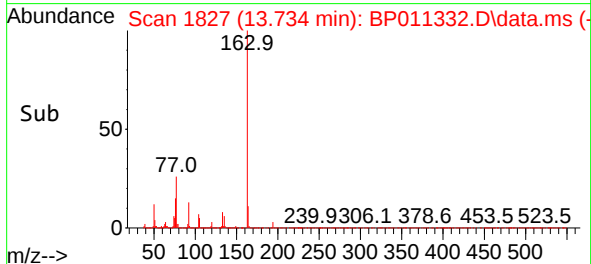
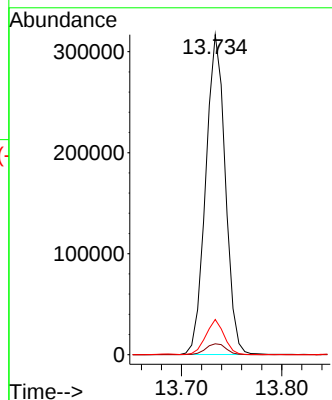
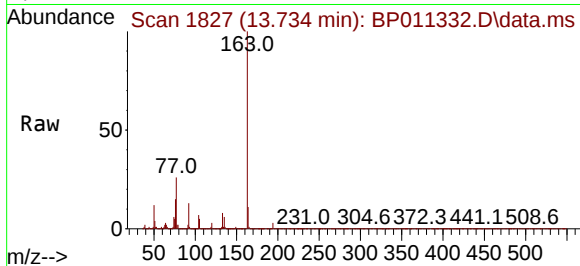




#47
Dimethylphthalate
Concen: 22.929 ng/ul
RT: 13.734 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

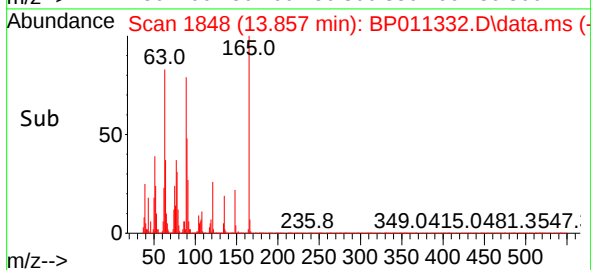
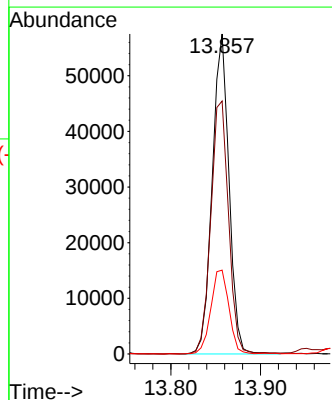
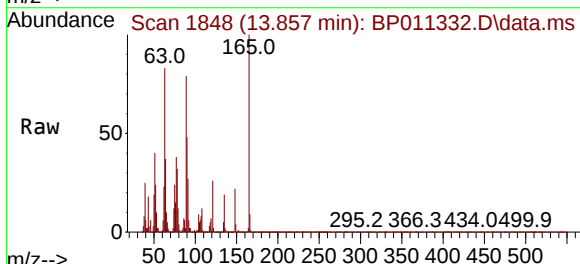
Instrument :
BNA_P
ClientSampleId :

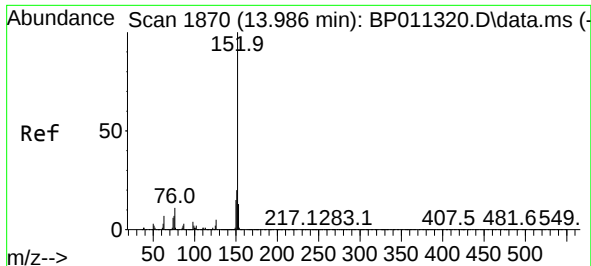
Tgt Ion:163 Resp: 429986
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 11.0 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 25.404 ng/ul
RT: 13.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:165 Resp: 74491
Ion Ratio Lower Upper
165 100
89 79.0 65.8 98.6
121 26.2 24.2 36.2

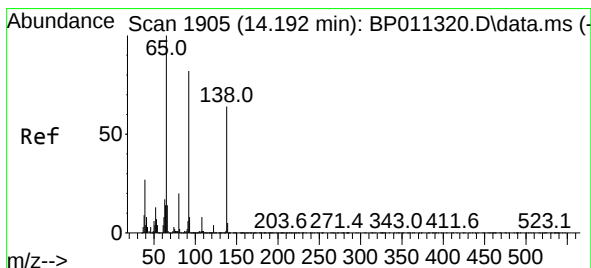
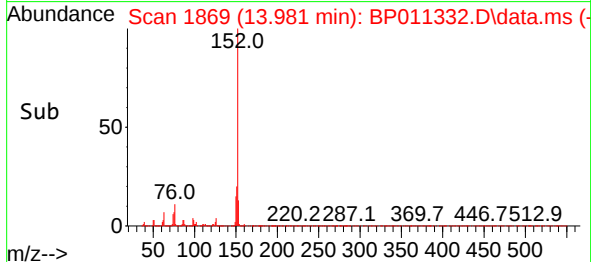
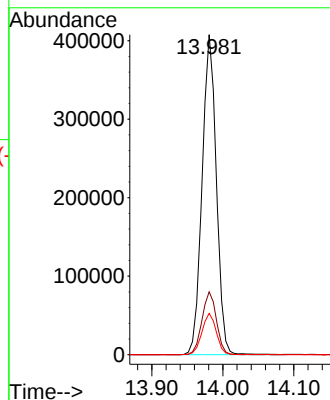
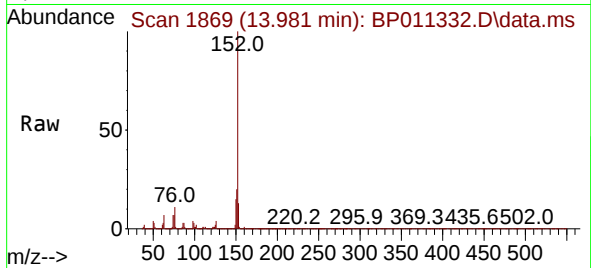




#50
Acenaphthylene
Concen: 22.178 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

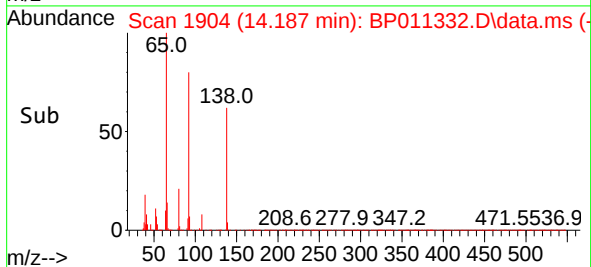
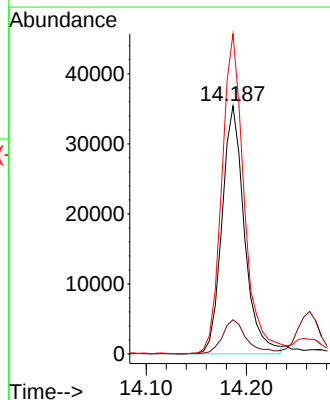
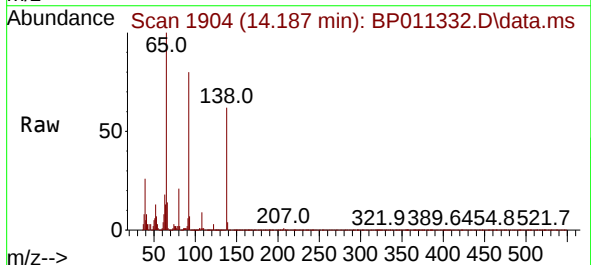
Instrument :
BNA_P
ClientSampleId :

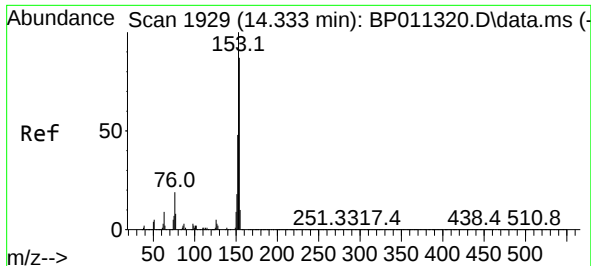
Tgt Ion:152 Resp: 569799
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 12.9 10.5 15.7



#51
3-Nitroaniline
Concen: 17.040 ng/ul
RT: 14.187 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:138 Resp: 54965
Ion Ratio Lower Upper
138 100
108 13.8 9.9 14.9
92 129.0 106.8 160.2

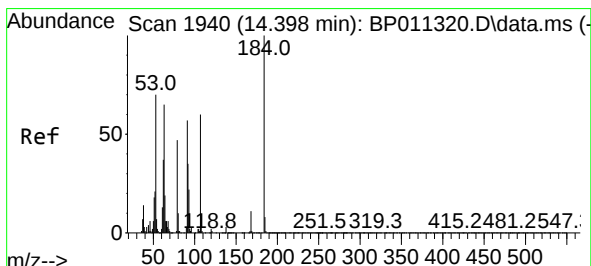
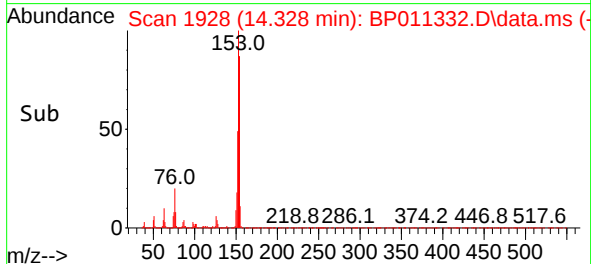
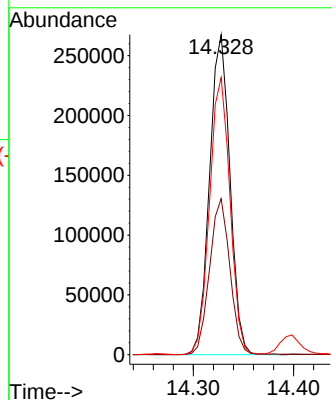
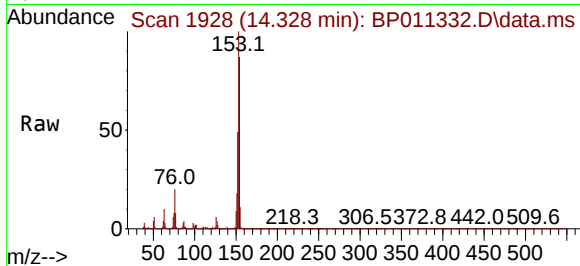




#52
Acenaphthene
Concen: 22.069 ng/ul
RT: 14.328 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

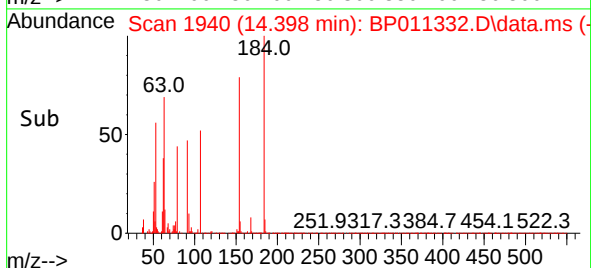
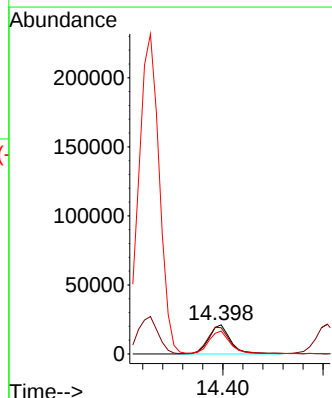
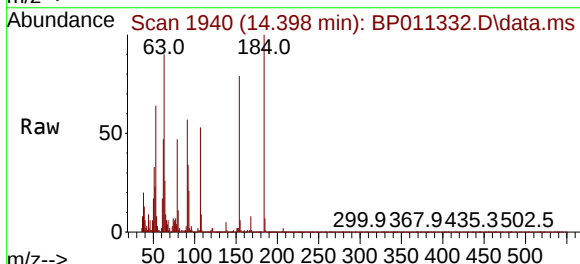
Instrument :
BNA_P
ClientSampleId :

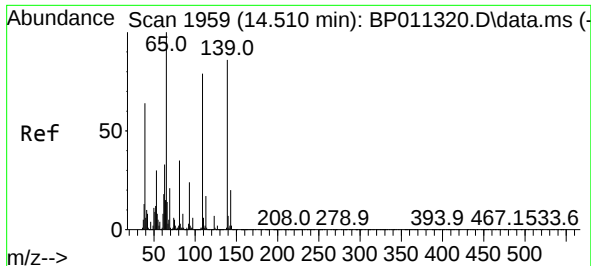
Tgt Ion:153 Resp: 378157
Ion Ratio Lower Upper
153 100
152 48.8 39.5 59.3
154 86.6 68.6 103.0



#53
2,4-Dinitrophenol
Concen: 17.950 ng/ul
RT: 14.398 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:184 Resp: 31228
Ion Ratio Lower Upper
184 100
63 90.1 75.0 112.6
154 78.8 53.1 79.7

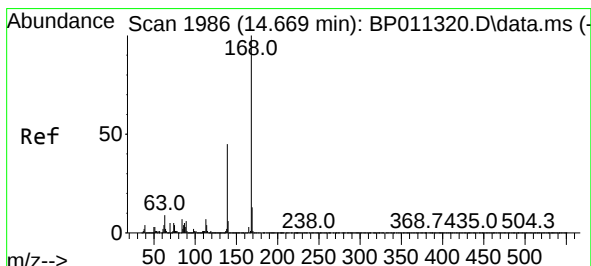
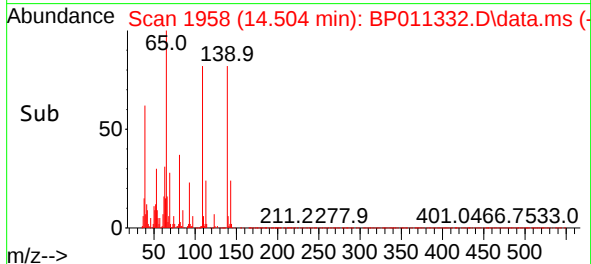
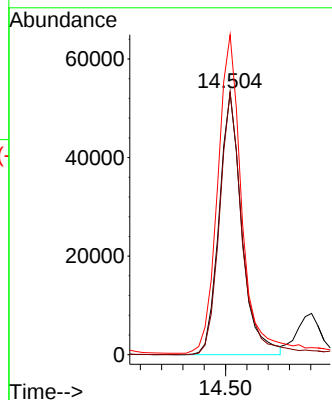
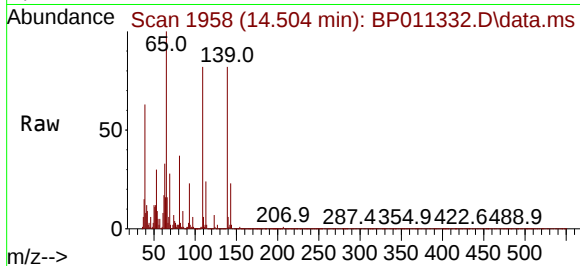




#55
4-Nitrophenol
Concen: 24.879 ng/ul
RT: 14.504 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

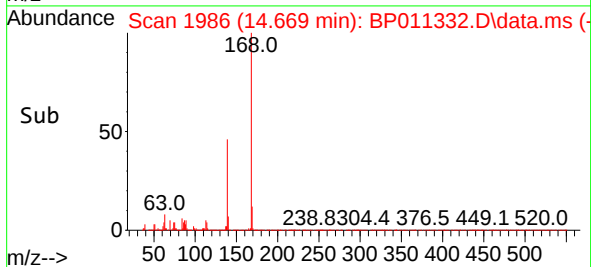
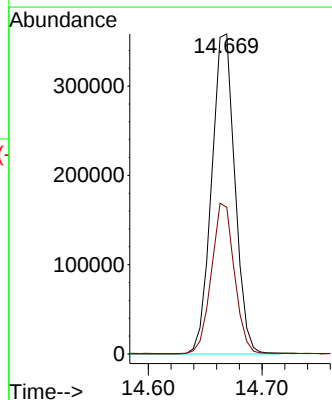
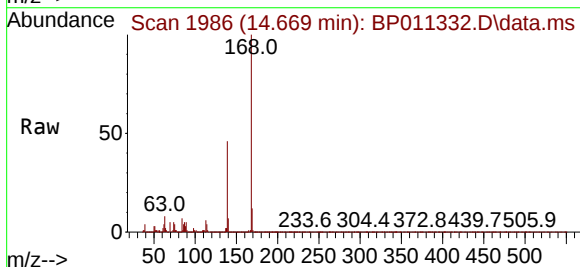
Instrument :
BNA_P
ClientSampleId :

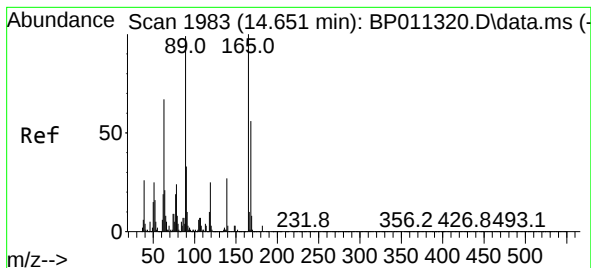
Tgt Ion:109 Resp: 78049
Ion Ratio Lower Upper
109 100
139 100.4 100.6 150.8#
65 122.4 122.6 184.0#



#56
Dibenzofuran
Concen: 21.955 ng/ul
RT: 14.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:168 Resp: 510015
Ion Ratio Lower Upper
168 100
139 45.9 34.2 51.2

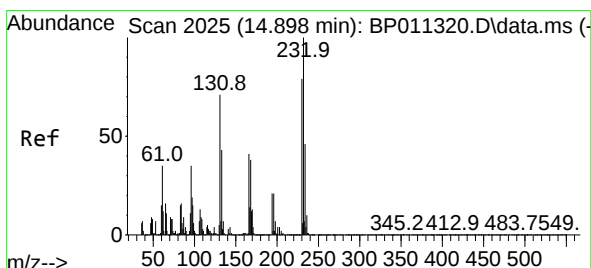
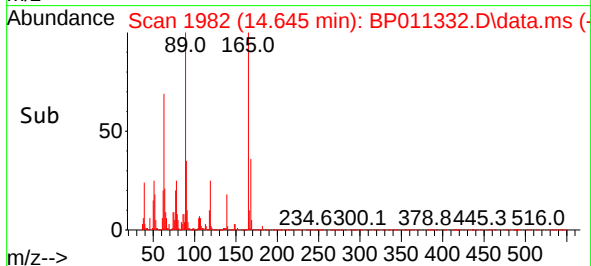
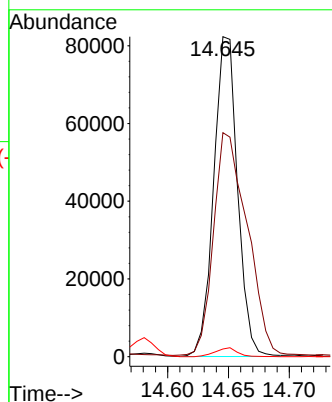
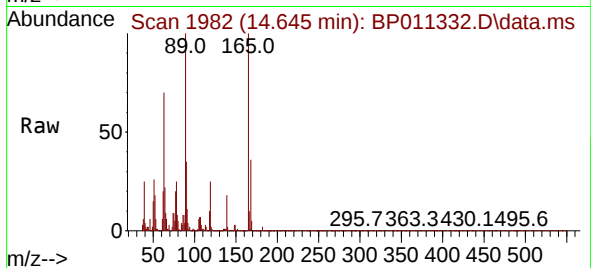




#57
2,4-Dinitrotoluene
Concen: 24.971 ng/ul
RT: 14.645 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

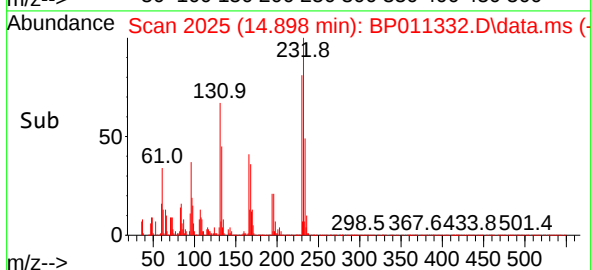
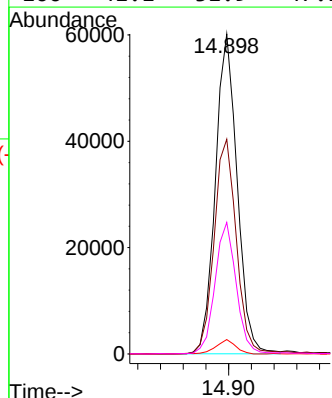
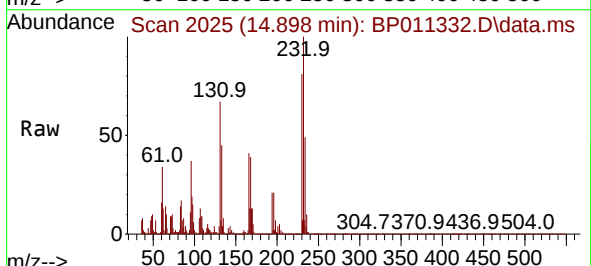
Instrument :
BNA_P
ClientSampleId :

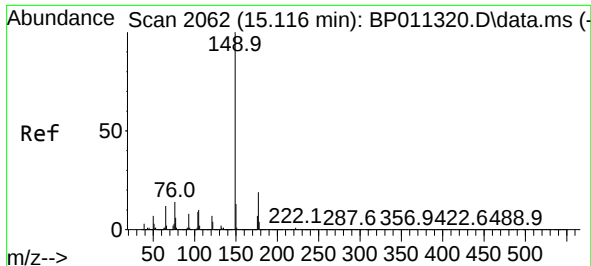
Tgt Ion:165 Resp: 112231
Ion Ratio Lower Upper
165 100
63 70.0 50.6 75.8
182 2.4 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.750 ng/ul
RT: 14.898 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:232 Resp: 80291
Ion Ratio Lower Upper
232 100
131 67.1 50.4 75.6
130 4.5 2.6 3.8#
166 41.1 31.9 47.9

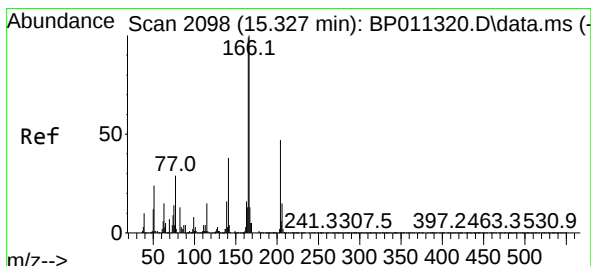
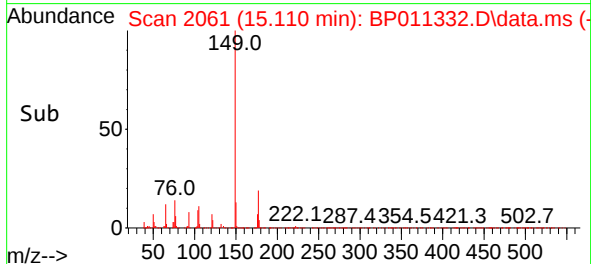
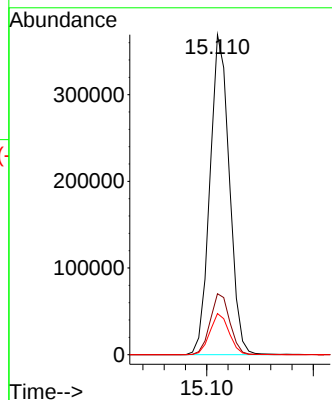
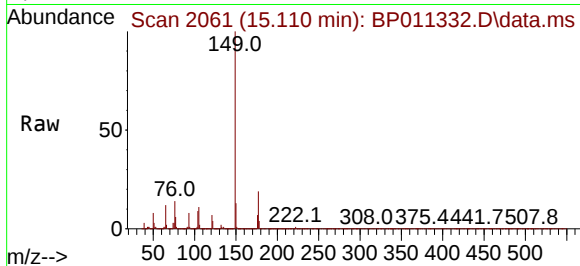




#59
Diethylphthalate
Concen: 24.017 ng/ul
RT: 15.110 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

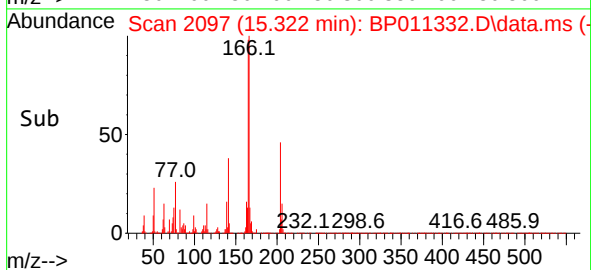
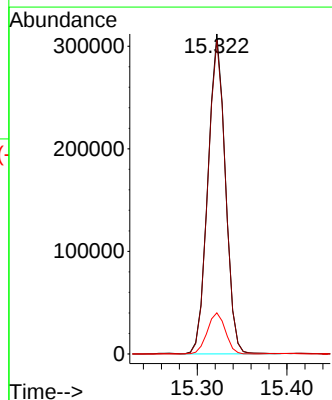
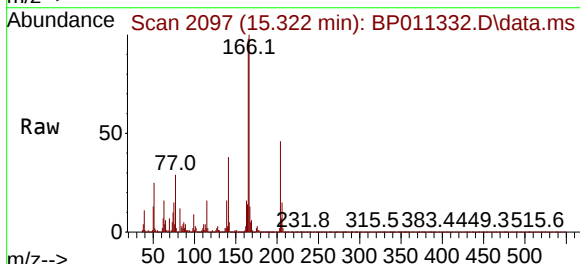
Instrument :
BNA_P
ClientSampleId :

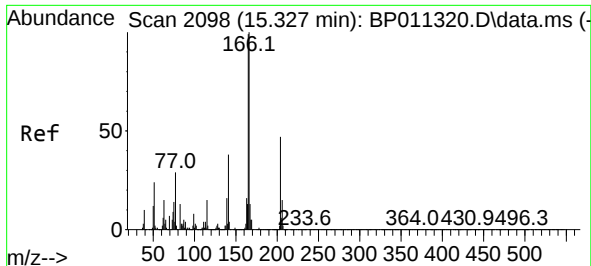
Tgt Ion:149 Resp: 466594
Ion Ratio Lower Upper
149 100
177 19.1 16.1 24.1
150 12.9 9.4 14.0



#61
Fluorene
Concen: 22.225 ng/ul
RT: 15.322 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:166 Resp: 419286
Ion Ratio Lower Upper
166 100
165 98.0 77.7 116.5
167 12.9 11.0 16.4

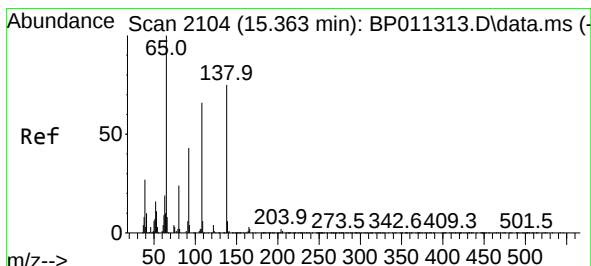
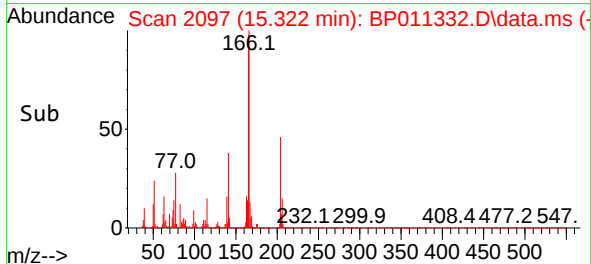
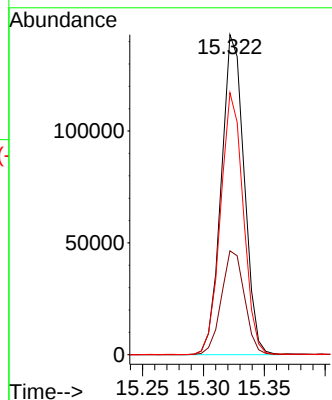
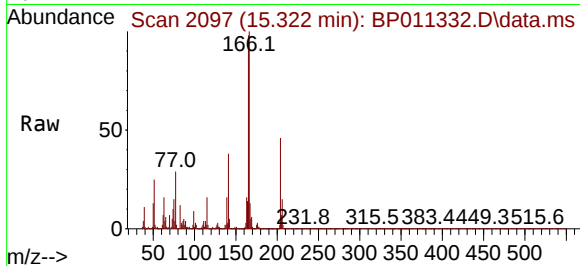




#62
4-Chlorophenyl-phenylether
Concen: 22.705 ng/ul
RT: 15.322 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

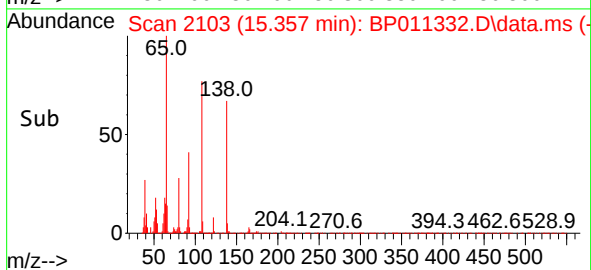
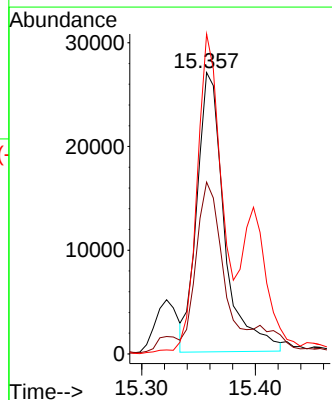
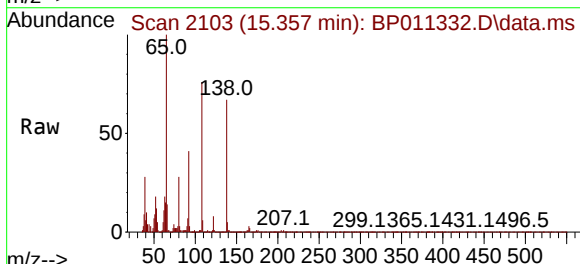
Instrument :
BNA_P
ClientSampleId :

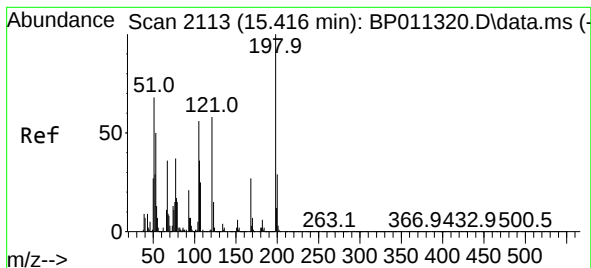
Tgt Ion:204 Resp: 187234
Ion Ratio Lower Upper
204 100
206 32.5 27.3 40.9
141 81.8 57.7 86.5



#63
4-Nitroaniline
Concen: 14.446 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:138 Resp: 45341
Ion Ratio Lower Upper
138 100
92 61.0 55.9 83.9
108 113.7 67.1 100.7#

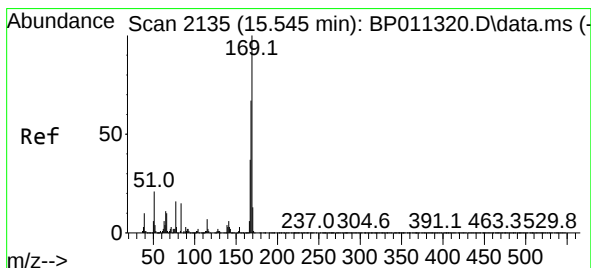
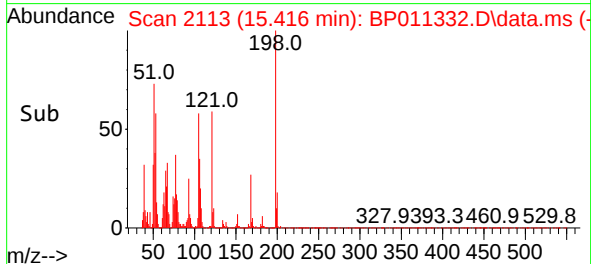
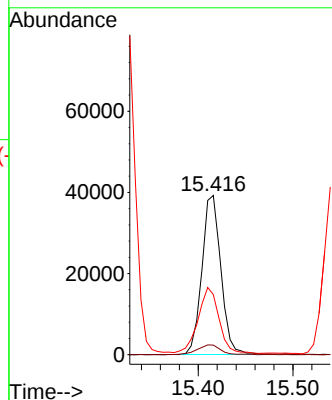
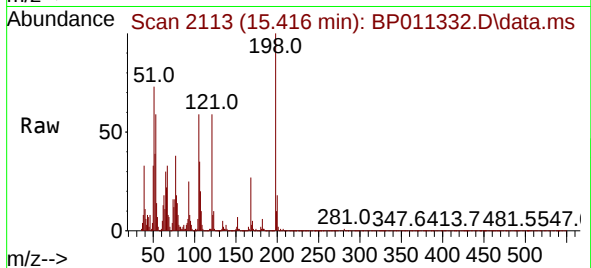




#66
4,6-Dinitro-2-methylphenol
Concen: 21.540 ng/ul
RT: 15.416 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

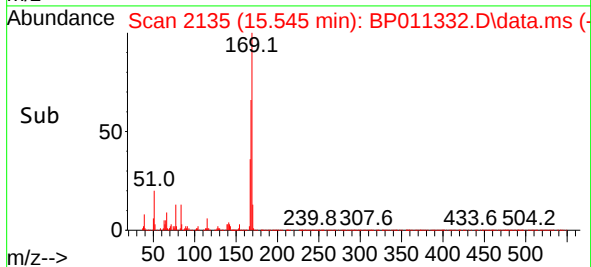
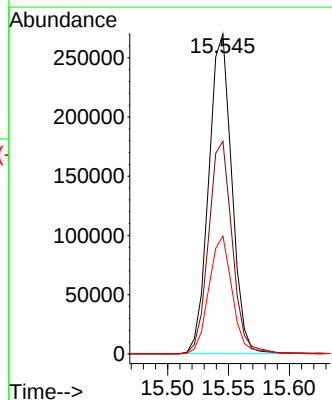
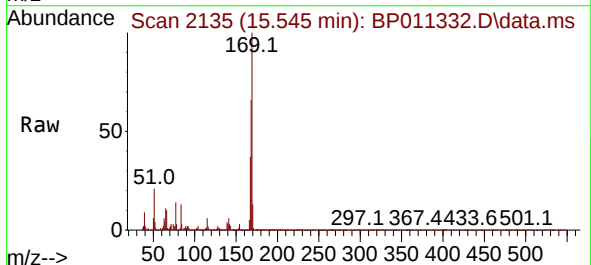
Instrument :
BNA_P
ClientSampleId :

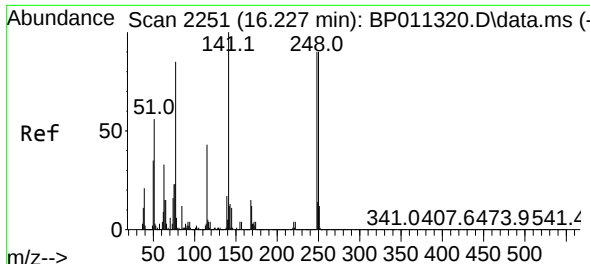
Tgt Ion:198 Resp: 54475
Ion Ratio Lower Upper
198 100
182 6.0 7.4 11.0#
77 37.7 28.6 42.8



#67
N-Nitrosodiphenylamine
Concen: 22.826 ng/ul
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:169 Resp: 355665
Ion Ratio Lower Upper
169 100
168 66.4 53.6 80.4
167 36.9 30.0 45.0

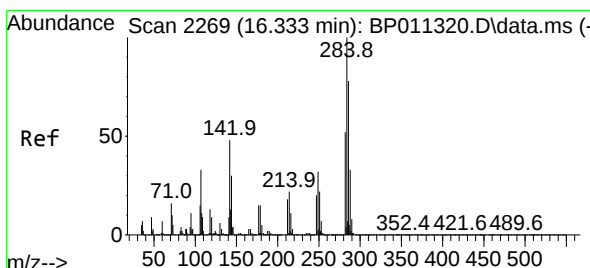
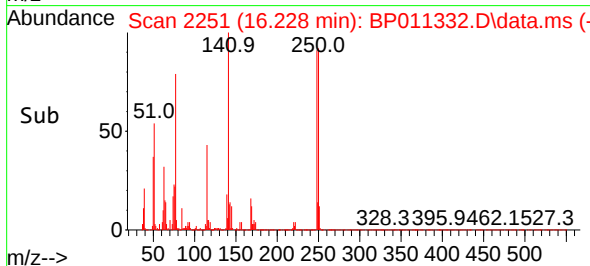
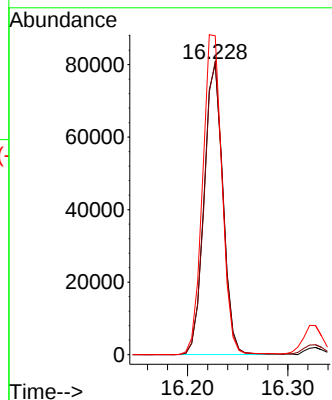
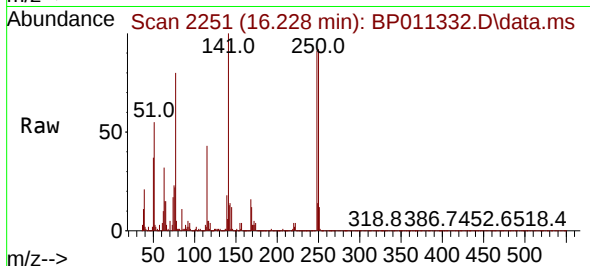




#68
4-Bromophenyl-phenylether
Concen: 22.536 ng/ul
RT: 16.228 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

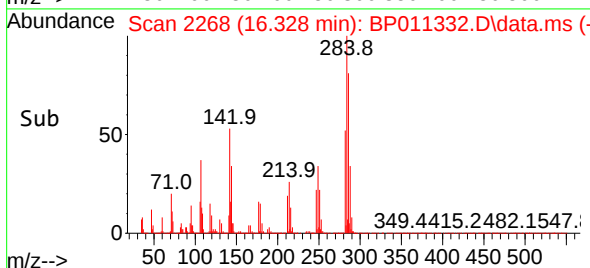
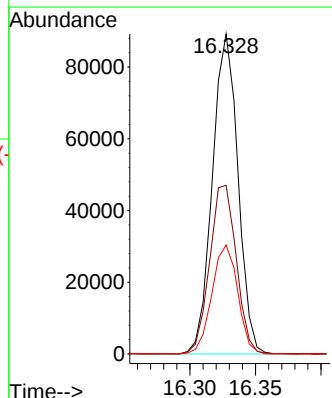
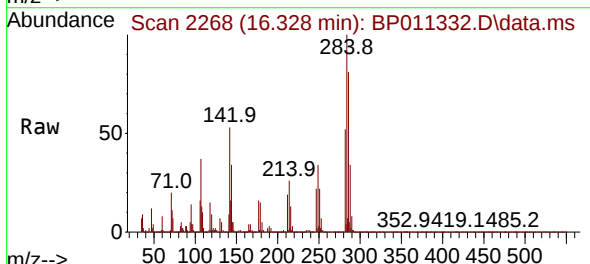
Instrument :
BNA_P
ClientSampleId :

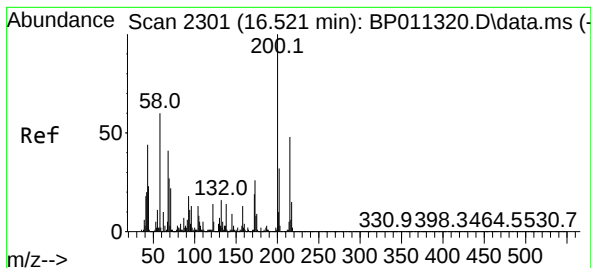
Tgt Ion:248 Resp: 105450
Ion Ratio Lower Upper
248 100
250 100.9 77.3 115.9
141 109.7 76.4 114.6



#69
Hexachlorobenzene
Concen: 22.099 ng/ul
RT: 16.328 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:284 Resp: 120802
Ion Ratio Lower Upper
284 100
142 52.7 39.5 59.3
249 34.1 25.1 37.7





#70

Atrazine

Concen: 22.985 ng/ul

RT: 16.516 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

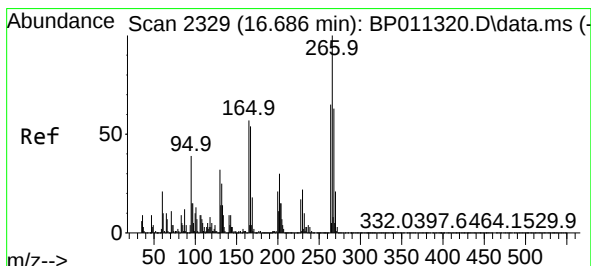
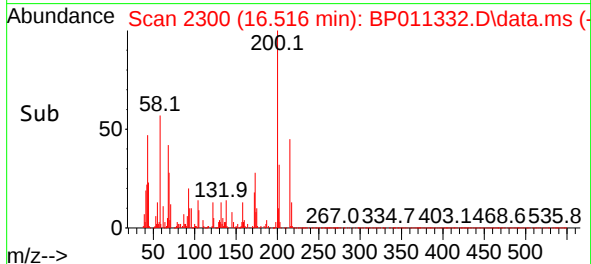
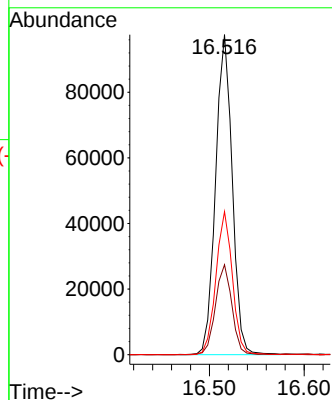
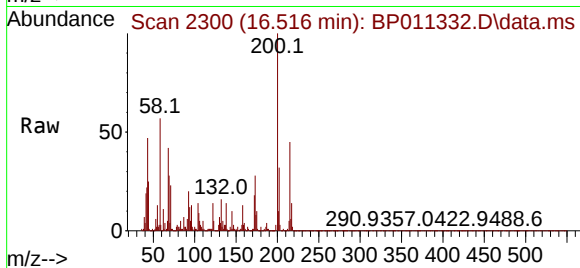
Tgt Ion:200 Resp: 119372

Ion Ratio Lower Upper

200 100

173 28.1 22.6 34.0

215 44.7 36.5 54.7



#71

Pentachlorophenol

Concen: 19.243 ng/ul

RT: 16.681 min Scan# 2328

Delta R.T. -0.006 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

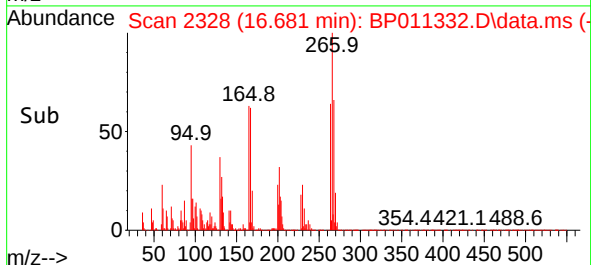
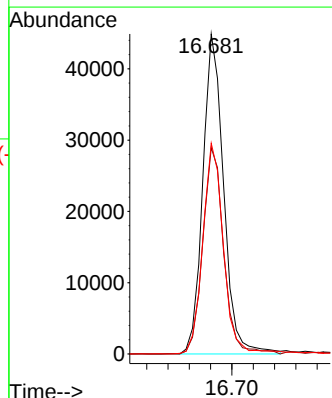
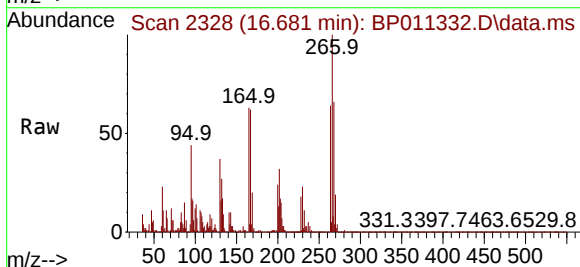
Tgt Ion:266 Resp: 61067

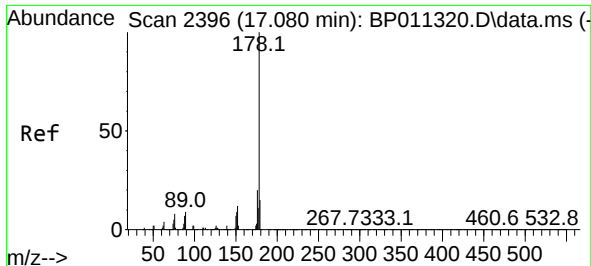
Ion Ratio Lower Upper

266 100

264 64.5 52.2 78.2

268 65.8 50.6 75.8

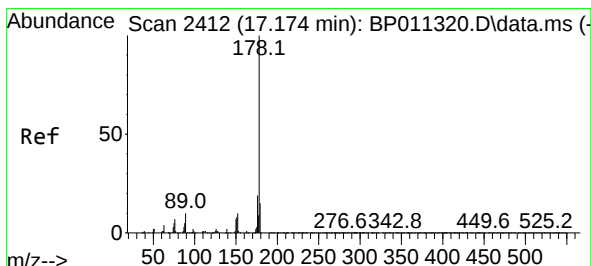
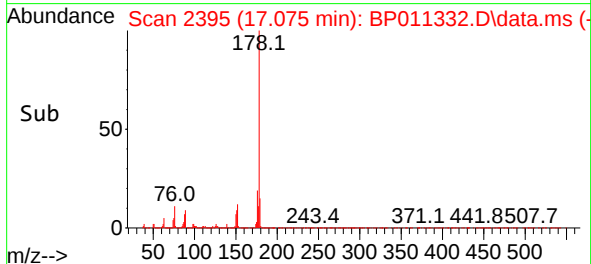
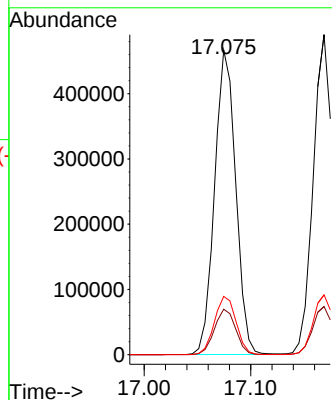
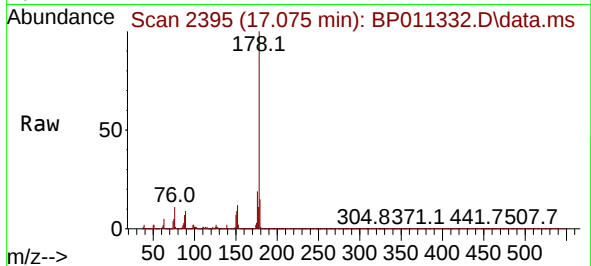




#72
Phenanthrene
Concen: 21.702 ng/ul
RT: 17.075 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

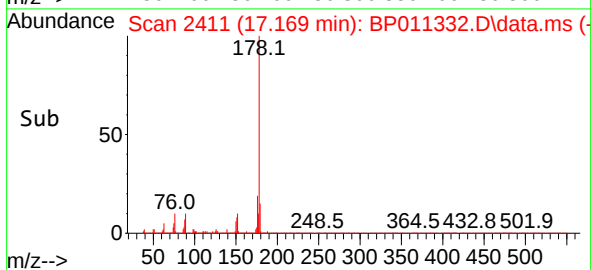
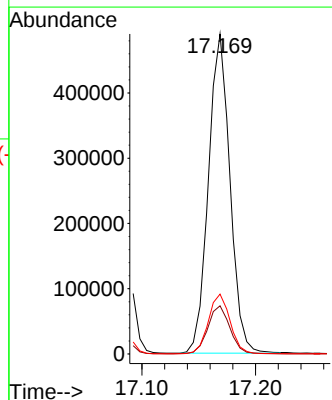
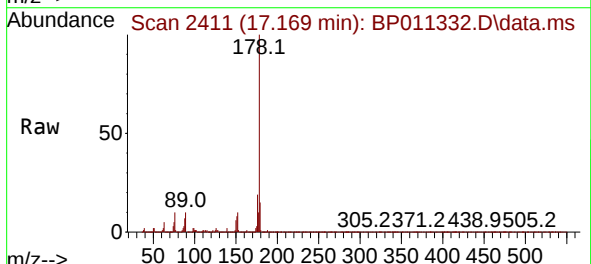
Instrument :
BNA_P
ClientSampleId :

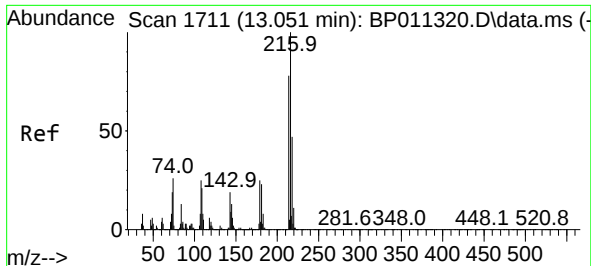
Tgt Ion:178 Resp: 643451
Ion Ratio Lower Upper
178 100
179 14.9 12.1 18.1
176 19.1 15.4 23.2



#74
Anthracene
Concen: 21.851 ng/ul
RT: 17.169 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:178 Resp: 644954
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 18.7 14.7 22.1

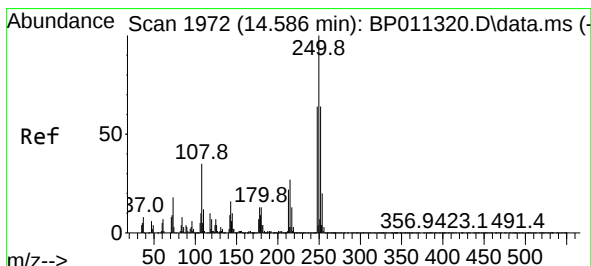
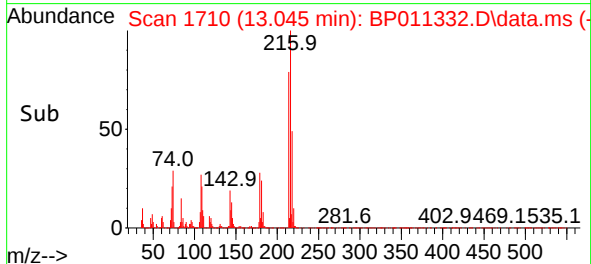
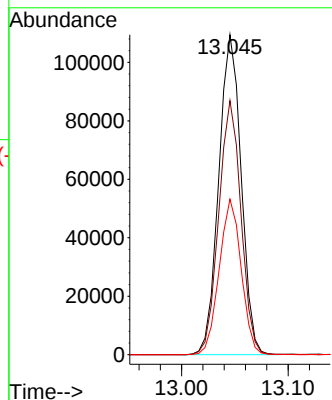
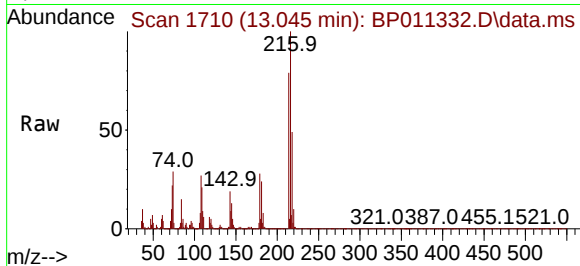




#75
1,2,3,4-Tetrachlorobenzene
Concen: 21.038 ng/uL
RT: 13.045 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

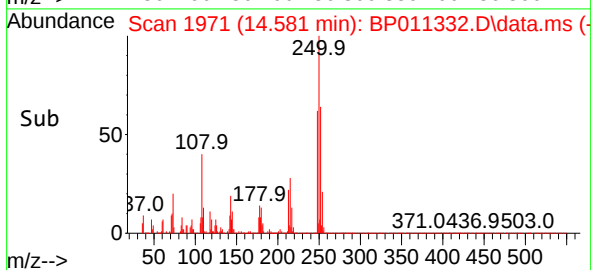
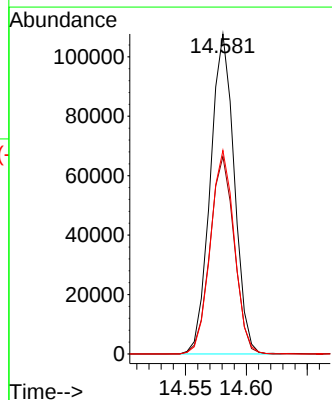
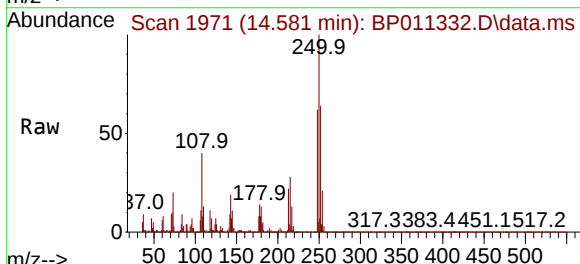
Instrument :
BNA_P
ClientSampleId :

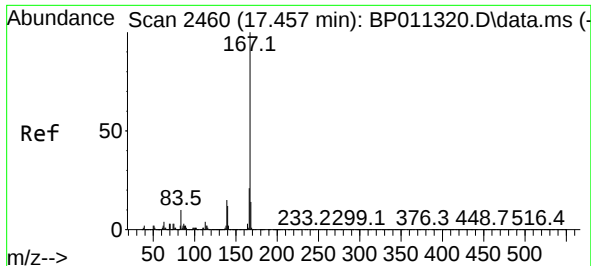
Tgt Ion:216 Resp: 159699
Ion Ratio Lower Upper
216 100
214 79.4 62.0 93.0
218 48.6 38.2 57.4



#76
Pentachlorobenzene
Concen: 22.262 ng/uL
RT: 14.581 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:250 Resp: 147171
Ion Ratio Lower Upper
250 100
248 61.7 49.2 73.8
252 63.6 50.8 76.2

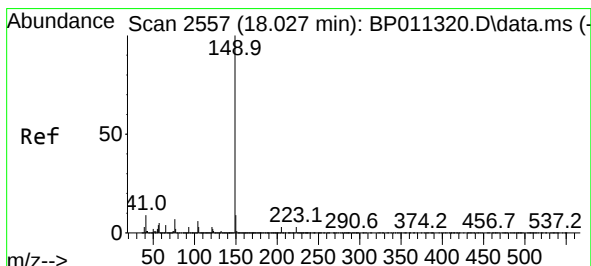
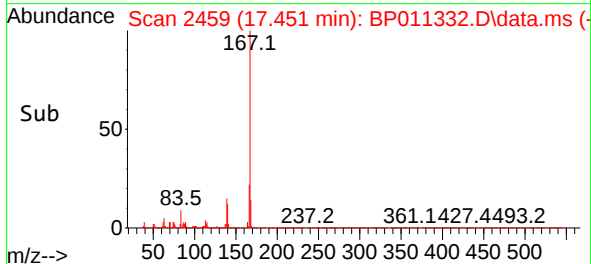
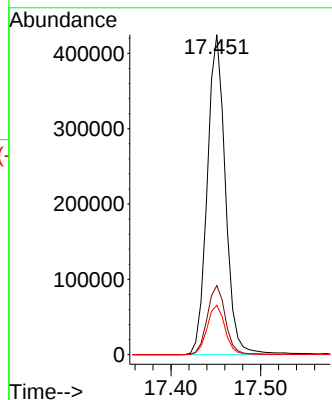
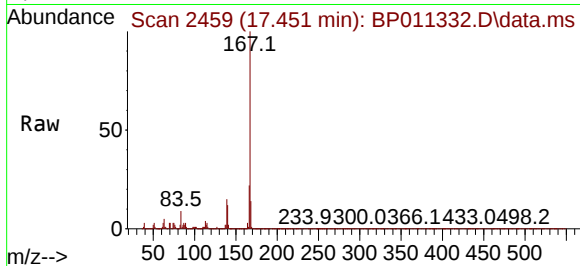




#77
 Carbazole
 Concen: 21.607 ng/ul
 RT: 17.451 min Scan# 2460
 Delta R.T. -0.000 min
 Lab File: BP011332.D
 Acq: 09 Aug 2022 16:39

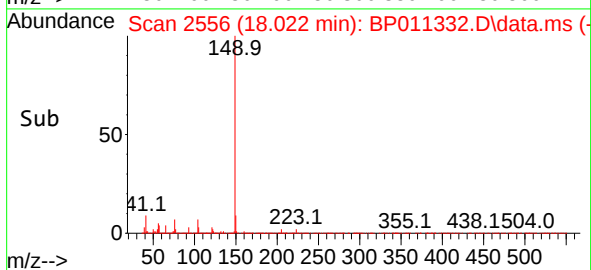
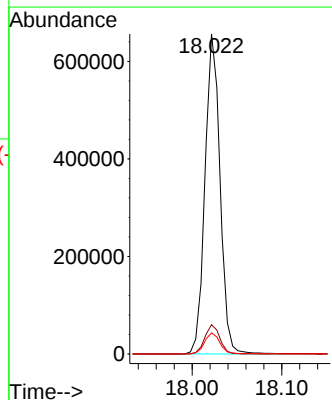
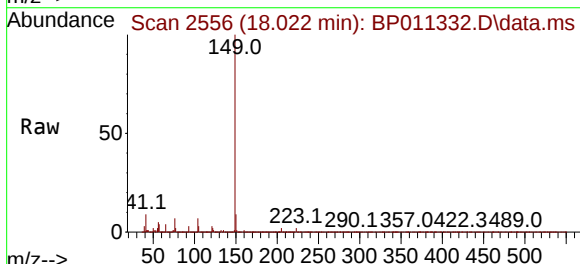
Instrument :
 BNA_P
 ClientSampleId :

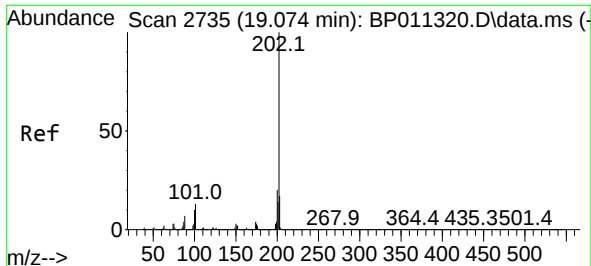
Tgt Ion:167 Resp: 595948
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 15.4 11.5 17.3



#78
 Di-n-butylphthalate
 Concen: 25.316 ng/ul
 RT: 18.022 min Scan# 2556
 Delta R.T. -0.006 min
 Lab File: BP011332.D
 Acq: 09 Aug 2022 16:39

Tgt Ion:149 Resp: 763525
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 6.6 5.1 7.7

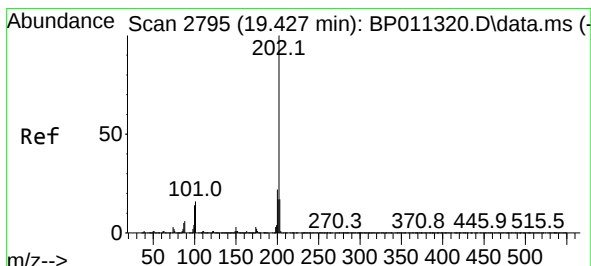
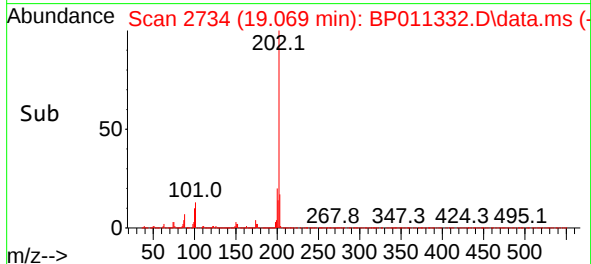
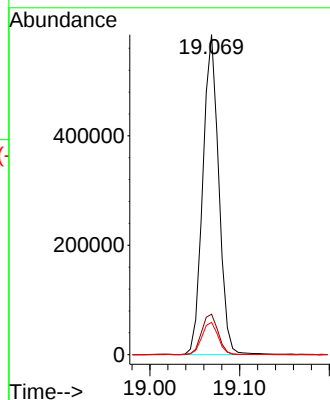
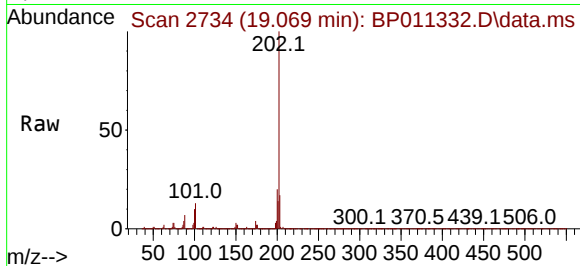




#80
Fluoranthene
Concen: 21.329 ng/u1
RT: 19.069 min Scan# 2735
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

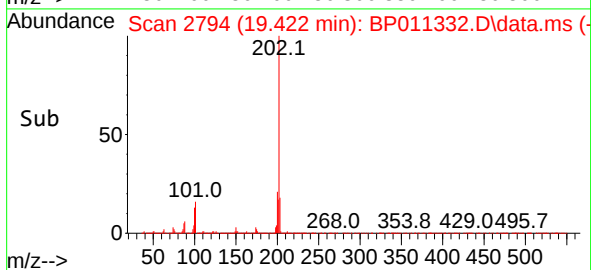
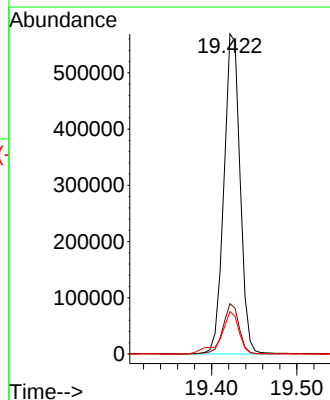
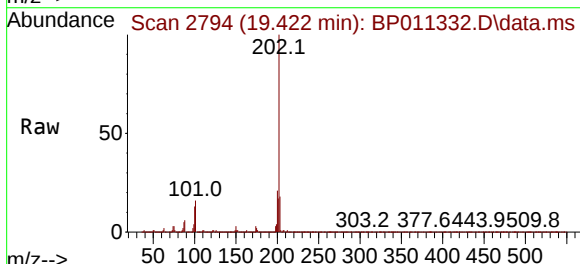
Instrument :
BNA_P
ClientSampleId :

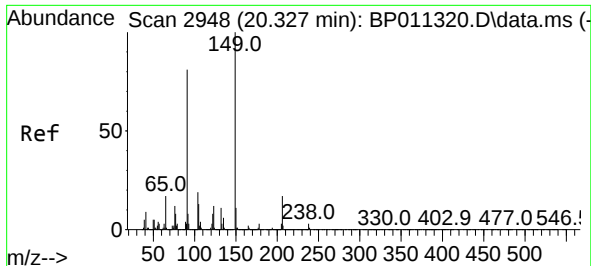
Tgt Ion:202 Resp: 720553
Ion Ratio Lower Upper
202 100
101 12.7 11.9 17.9
100 10.1 9.3 13.9



#82
Pyrene
Concen: 21.026 ng/u1
RT: 19.422 min Scan# 2794
Delta R.T. -0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:202 Resp: 749742
Ion Ratio Lower Upper
202 100
101 15.7 14.3 21.5
100 13.2 11.8 17.6

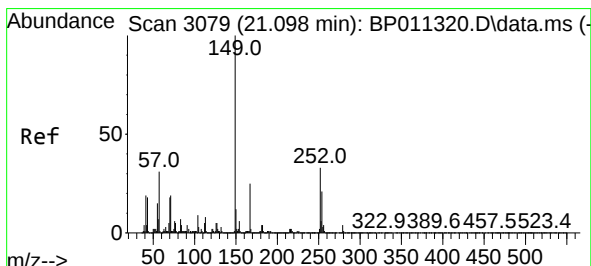
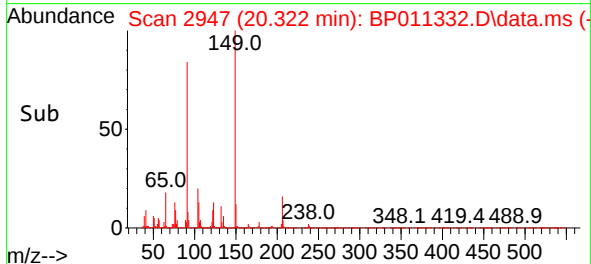
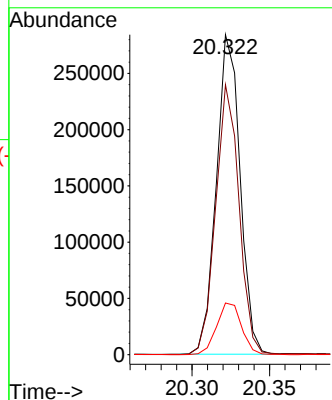
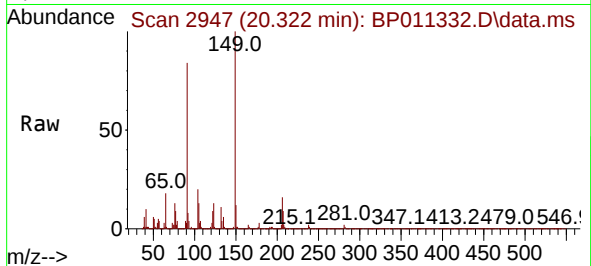




#83
 Butylbenzylphthalate
 Concen: 26.628 ng/ul
 RT: 20.322 min Scan# 2948
 Delta R.T. -0.006 min
 Lab File: BP011332.D
 Acq: 09 Aug 2022 16:39

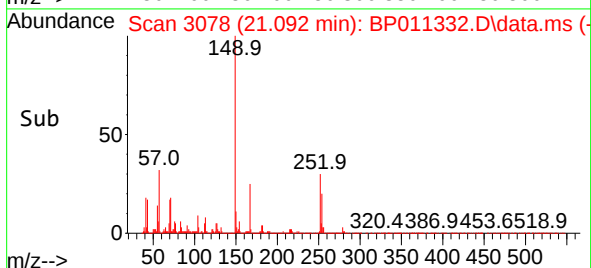
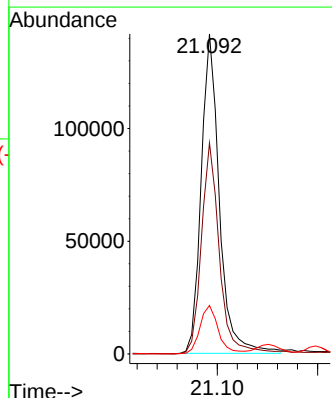
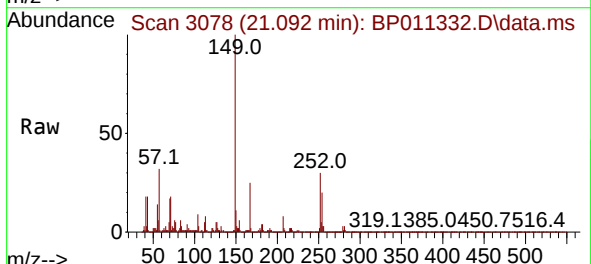
Instrument :
 BNA_P
 ClientSampleId :

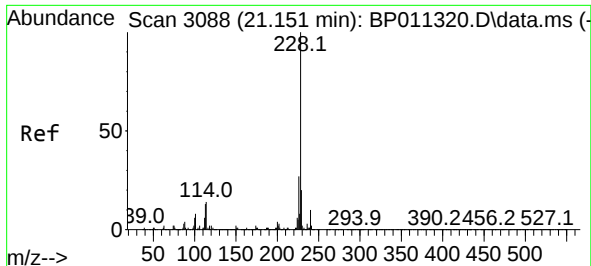
Tgt Ion:149 Resp: 302574
 Ion Ratio Lower Upper
 149 100
 91 84.3 64.2 96.4
 206 16.2 14.0 21.0



#84
 3,3'-Dichlorobenzidine
 Concen: 19.527 ng/ul
 RT: 21.092 min Scan# 3078
 Delta R.T. -0.006 min
 Lab File: BP011332.D
 Acq: 09 Aug 2022 16:39

Tgt Ion:252 Resp: 179028
 Ion Ratio Lower Upper
 252 100
 254 66.0 51.8 77.6
 126 15.1 11.4 17.0

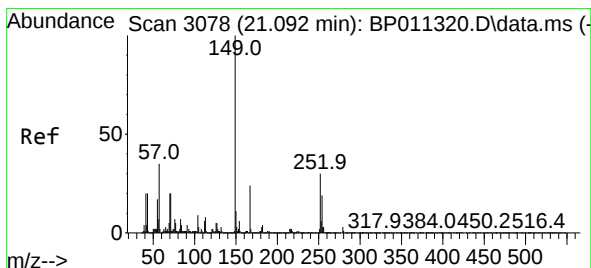
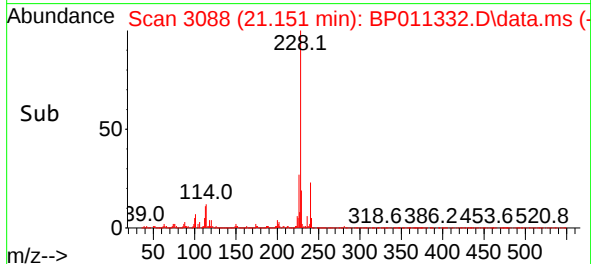
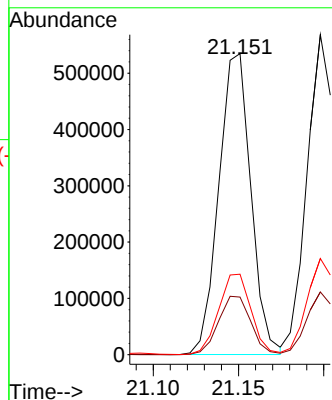
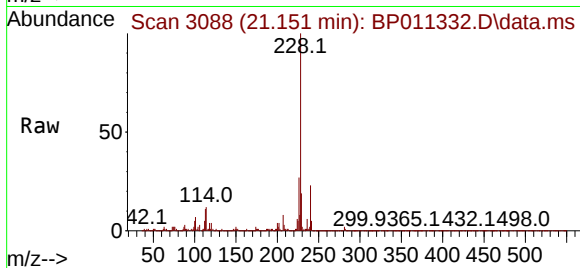




#85
Benzo(a)anthracene
Concen: 21.668 ng/ul
RT: 21.151 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

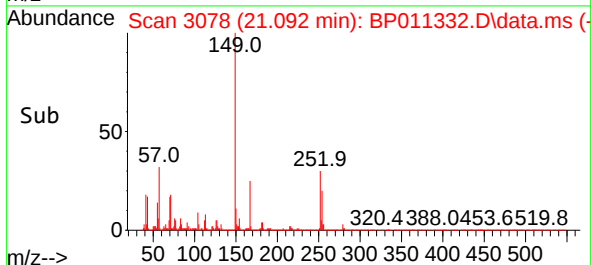
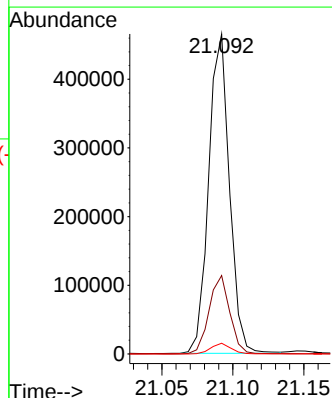
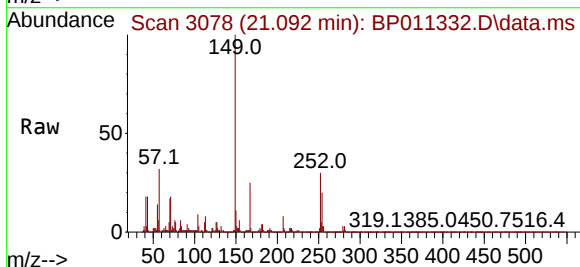
Instrument :
BNA_P
ClientSampleId :

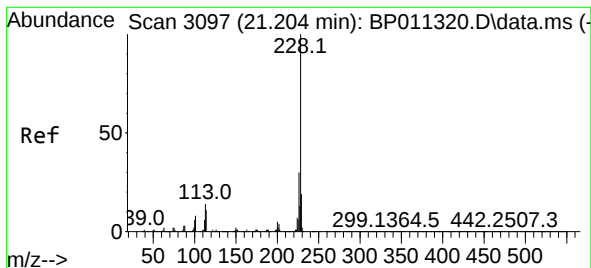
Tgt Ion:228 Resp: 700334
Ion Ratio Lower Upper
228 100
229 19.2 15.8 23.6
226 26.7 21.8 32.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 25.992 ng/ul
RT: 21.092 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:149 Resp: 474119
Ion Ratio Lower Upper
149 100
167 24.5 20.4 30.6
279 3.3 2.9 4.3





#87

Chrysene

Concen: 21.430 ng/ul

RT: 21.198 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

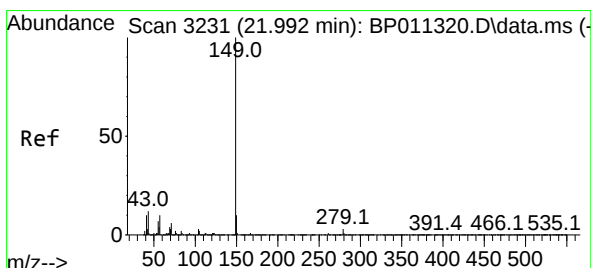
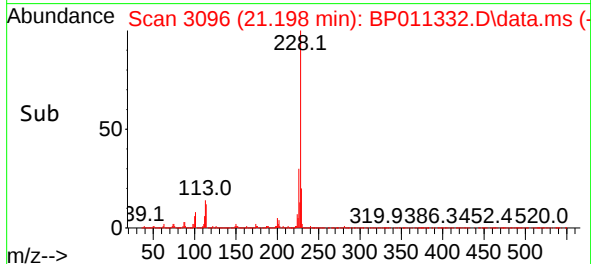
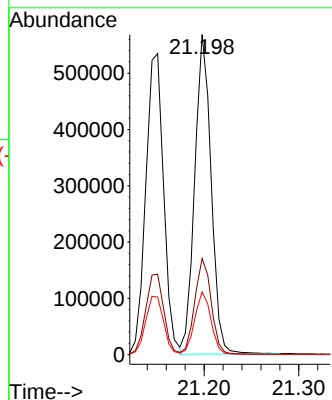
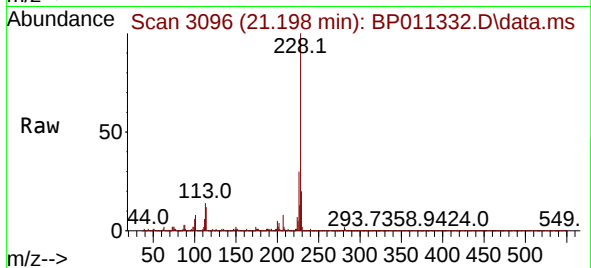
Tgt Ion:228 Resp: 685657

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.6 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 22.971 ng/ul

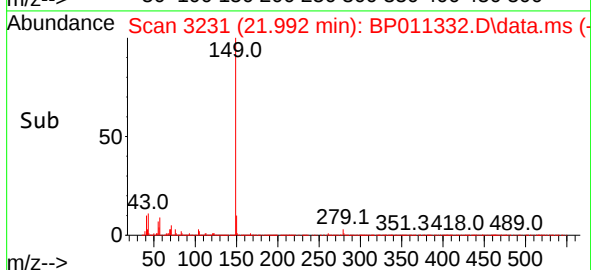
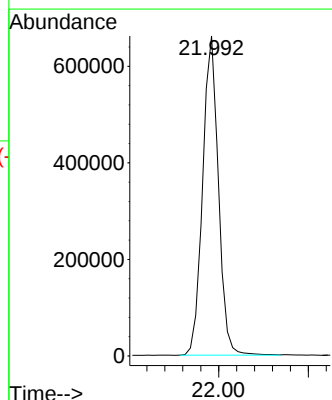
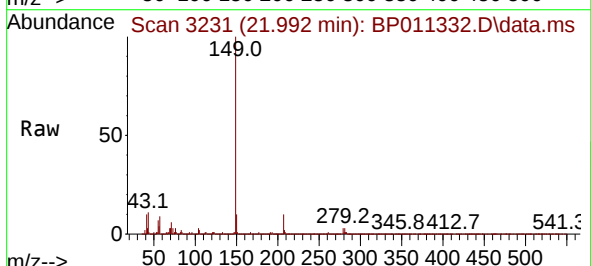
RT: 21.992 min Scan# 3231

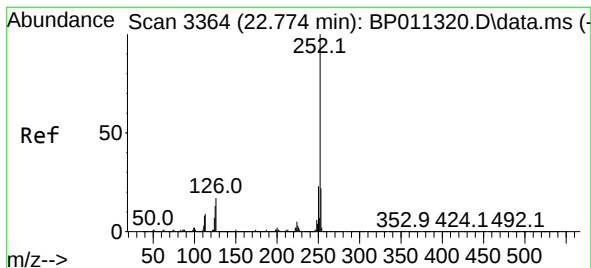
Delta R.T. -0.006 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

Tgt Ion:149 Resp: 804894





#90

Benzo(b)fluoranthene

Concen: 20.874 ng/ul

RT: 22.768 min Scan# 3363

Delta R.T. -0.006 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

Instrument :

BNA_P

ClientSampleId :

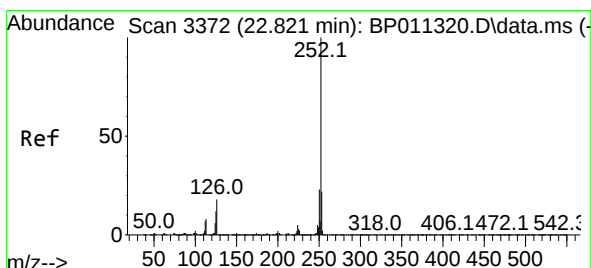
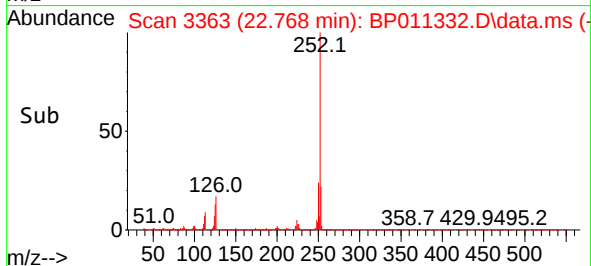
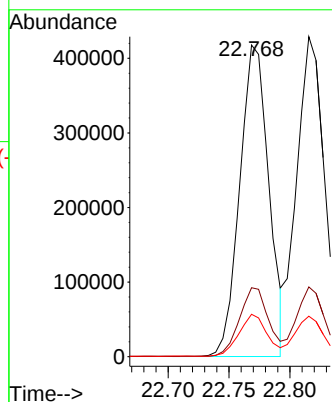
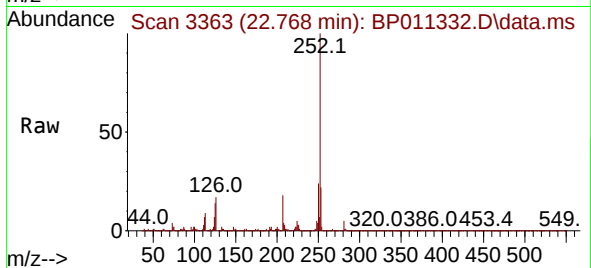
Tgt Ion:252 Resp: 693835

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 13.6 10.8 16.2



#91

Benzo(k)fluoranthene

Concen: 21.199 ng/ul

RT: 22.816 min Scan# 3371

Delta R.T. -0.006 min

Lab File: BP011332.D

Acq: 09 Aug 2022 16:39

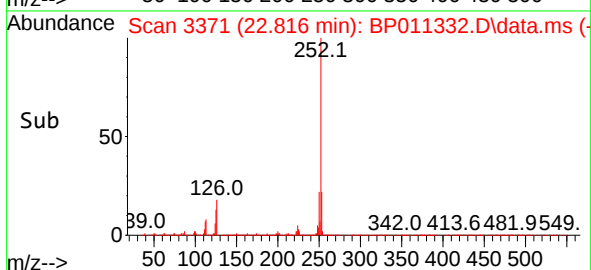
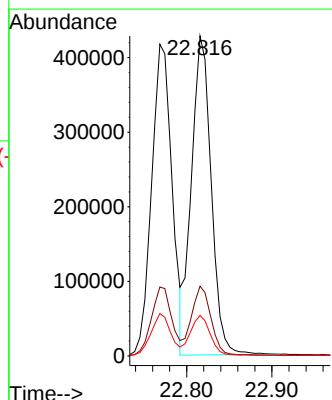
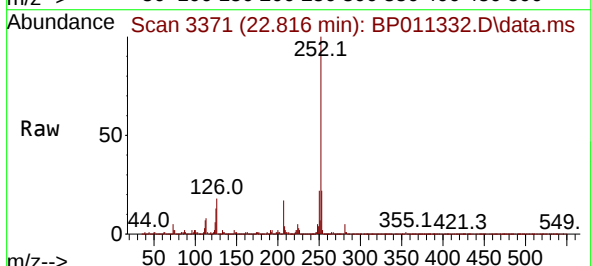
Tgt Ion:252 Resp: 689398

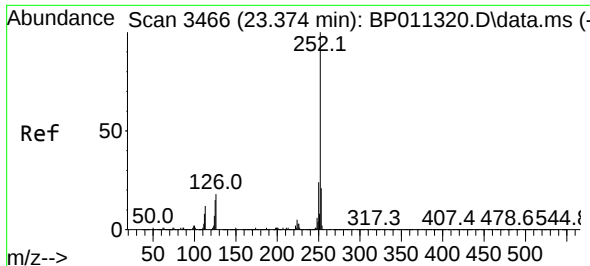
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 12.7 11.0 16.6

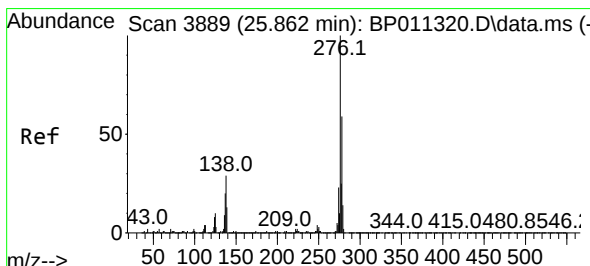
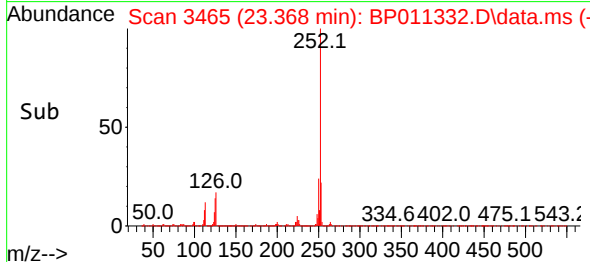
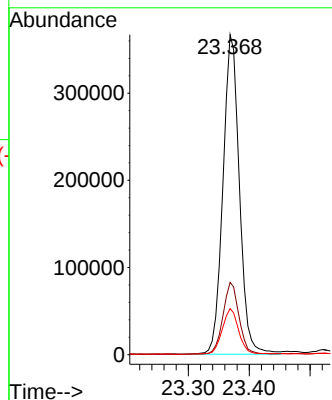
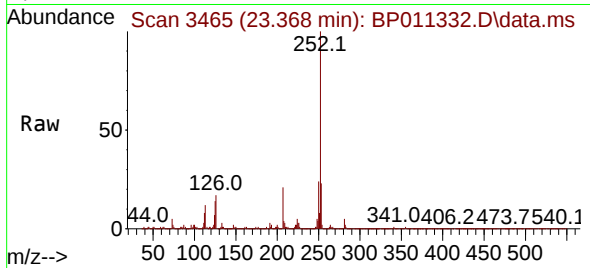




#93
Benzo(a)pyrene
Concen: 21.462 ng/ul
RT: 23.368 min Scan# 3466
Delta R.T. -0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

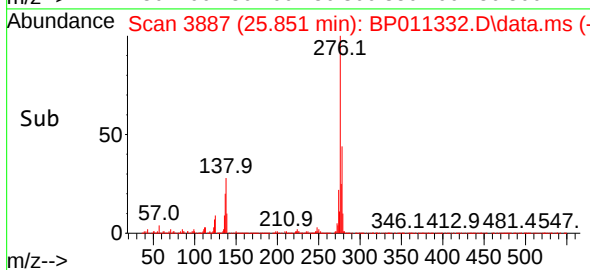
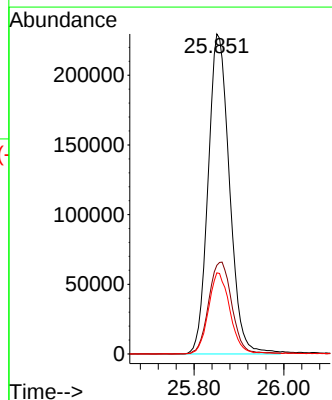
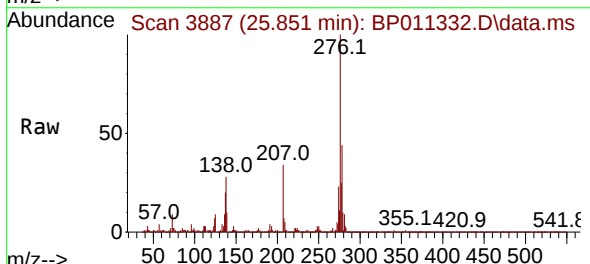
Instrument :
BNA_P
ClientSampleId :

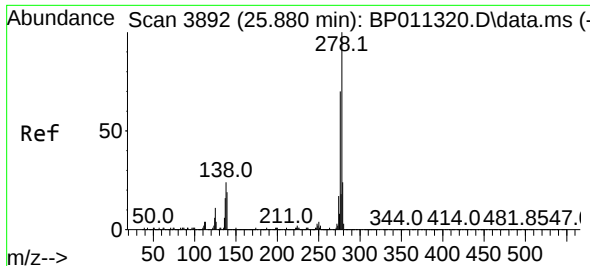
Tgt Ion:252 Resp: 688039
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 14.4 12.5 18.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 21.445 ng/ul
RT: 25.851 min Scan# 3887
Delta R.T. -0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:276 Resp: 760030
Ion Ratio Lower Upper
276 100
138 27.7 25.5 38.3
277 25.3 19.8 29.8

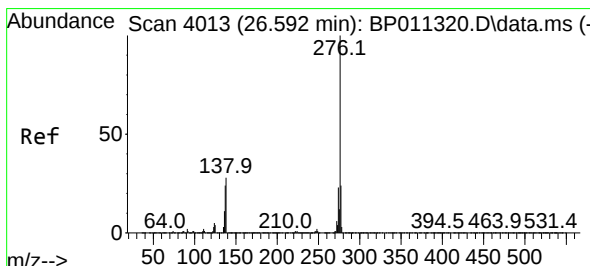
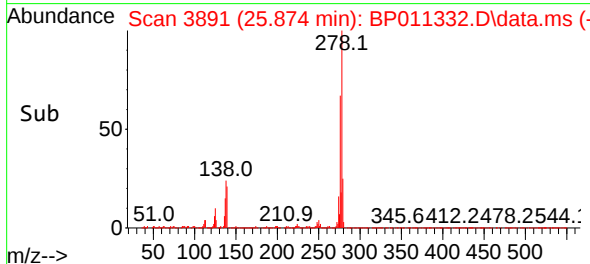
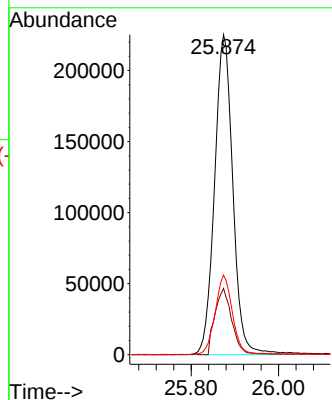
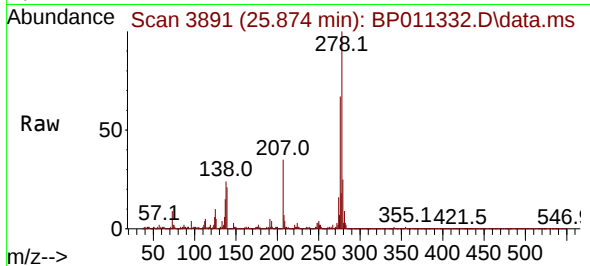




#95
Dibenzo(a,h)anthracene
Concen: 21.628 ng/ul
RT: 25.874 min Scan# 3891
Delta R.T. -0.012 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 651900
Ion Ratio Lower Upper
278 100
139 20.7 18.5 27.7
279 24.8 19.6 29.4



#96
Benzo(g,h,i)perylene
Concen: 21.547 ng/ul
RT: 26.586 min Scan# 4012
Delta R.T. -0.006 min
Lab File: BP011332.D
Acq: 09 Aug 2022 16:39

Tgt Ion:276 Resp: 644373
Ion Ratio Lower Upper
276 100
138 27.4 22.8 34.2
277 24.1 18.5 27.7

